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Preferred Pump Warehouse and Distribution Center Project in Sacramento, CA

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Subject: Air Quality, Health Risk Analysis, Greenhouse Gas Emissions, and Energy Technical Memorandum

This Air Quality, Greenhouse Gas Emissions, and Energy Analysis Report was prepared to evaluate whether the estimated criteria air pollutant, ozone precursor, toxic air contaminant (TAC), and/or greenhouse gas (GHG) emissions generated from construction and/or operation of the proposed Preferred Pump Warehouse and Distribution Center Project in Sacramento, California would cause significant impacts to air resources in the project area. The respective analyses were conducted within the context of the California Environmental Quality Act (CEQA) (California Public Resources Code [PRC] § 21000, et seq.).

Project Location and Description

The proposed project consists of the construction and operation of a +/- 40,500 square foot building, with +/- 36,748 square feet allocated for the warehouse (one-story) and +/- 9,500 square feet for an office (two-story). Additionally, the project includes 65 parking stalls, an on-site ponding basin, and proposed landscaping.

The project site comprises 8.0 acres on the northeast corner of Dry Creek Road and Claire Avenue in the City of Sacramento. The Assessor's Parcel Number (APN) associated with the project site is 215-0250-015-0000.

The intended function of the proposed project is to serve as a distributor, selling manufactured goods from various vendors and manufacturers. There will be no manufacturing from raw materials or foundry work involved. Project operations will primarily involve the assembly of pumps using ready-to-use components that are assembled by screwing and/or bolting together. Typical equipment used for assembly includes engine lathes and end mills, with forklifts potentially utilized as well. All steel and bronze waste material will be recycled.

Apart from assembly, other common tasks will include shipping and receiving, as well as associated administrative efforts such as purchasing, sales order processing, and general administrative duties.

The proposed hours of operation for the facility are Monday through Friday, from 7:00 am to 5:00 pm. The estimated number of employees at the facility will be approximately 31. In addition to the employees, anticipated traffic will include approximately 4 to 6 delivery trucks daily and 4

to 6 will-call customers. On-site storage will include PVC and steel pipes for water well applications, as well as product pipes suitable for agriculture, irrigation, and potable water use.

Land uses surrounding the project site are described below.

- North – Directly north and northeast of the project are a few trucking yards including: Truck Site and The Can Van. There are several other businesses within ¼ mile including United Towing Service, Parc Specialty Mold Removal and Meridian Pacific Equipment. Northeast of the project are approximately 50 residences within ¼ mile with 2 businesses, including: F & M Dismantling and Dc Glass Corporation. The nearest sensitive receptor to the north is a residence 65.66 feet (20.01 meters) from the northwest corner of the jobsite.
- East – East of the project are 4 residences with several sheds and out buildings within ¼ mile. The land within ¼ mile east is mainly undeveloped except for the 4 existing residences. The nearest sensitive receptor is a residence 17.02 feet (5.19 meters) away from the southeast corner of the jobsite.
- South – Directly South of the project is a mix of businesses, residences and undeveloped land within ¼ mile. The businesses include: a boat and RV storage yard, a trucking storage yard, Sidelines Customs, Image Landsat/Copernicus and GTS Forestry. There are approximately 80 residences within ¼ mile south of the project site. The nearest sensitive receptor is a residence 73.68 feet (22.46 meters) away from the southwest corner of the project.
- West – West of the project are approximately 4 acres of developed farmland and 28 scattered residences. There is also 1 business, AP Auto Detail, within ¼ mile. The nearest sensitive receptor to the west is a residence 96.28 feet (29.65 meters) away.

Modeling Parameters and Assumptions

The following modeling parameters and assumptions were used to generate criteria air pollutant (including precursors), Toxic Air Contaminants (TACs), and greenhouse gas (GHG) emissions for the proposed project.

Air Pollutants and GHGs Assessed

Criteria Pollutants Assessed

The following criteria air pollutants were assessed in this analysis: reactive organic gases (ROG), oxides of nitrogen (NO_x), carbon monoxide (CO), sulfur oxides (SO_x), particulate matter less than 10 microns in diameter (PM₁₀), and particulate matter less than 2.5 microns in diameter (PM_{2.5}).

Note that the proposed project would emit ozone precursors ROG and NO_x. However, the proposed project would not directly emit ozone since it is formed in the atmosphere during the photochemical reaction of ozone precursors.

The project does not contain sources that would produce substantial quantities of SO_x emissions during construction or operation. Modeling conducted for the project is provided in Attachment A and includes SO₂ emission estimates. No further analysis of SO₂ is required.

GHGs Assessed

This analysis was restricted to GHGs identified by AB 32, which include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃). The proposed project would generate a variety of GHGs, including several defined by AB 32 such as CO₂, CH₄, and N₂O.

Certain GHGs defined by AB 32 would not be emitted by the project. HFCs, PFCs, SF₆, and NF₃ are typically used in industrial applications, none of which would be used for typical warehouse and distribution center operations. Therefore, it is not anticipated that the proposed project would emit those GHGs.

GHG emissions associated with the proposed project construction, as well as future operations were estimated using CO₂ equivalent (CO₂e) emissions as a proxy for all GHG emissions. Construction GHG emissions were amortized over the lifetime of the proposed project. In order to obtain the CO₂e, an individual GHG is multiplied by its Global Warming Potential (GWP). The GWP designates on a pound for pound basis the potency of the GHG compared to CO₂.

Toxic Air Contaminants Assessed

Diesel particulate matter (DPM)

Studies indicate that diesel particulate matter (DPM) poses the greatest health risk among airborne TACs. The California Air Resources Board (CARB) conducted a 10-year research program that demonstrated that DPM from diesel-fueled engines is a human carcinogen and that chronic (long-term) inhalation exposure to DPM poses a chronic long-term health risk.

DPM is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases: gas and particle. The gas phase is composed of many of the urban hazardous air pollutants, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particle phase also has many different types of particles that can be classified by size or composition. The size of diesel particulates that are of greatest health concern are those that are in the categories of fine and ultra-fine particles. The composition of these fine and ultra-fine particles may be composed of elemental carbon with adsorbed compounds such as organic compounds, sulfate, nitrate, metals, and other trace elements. Diesel exhaust is emitted from a broad range of diesel engines, such as the on-road diesel engines of trucks, buses, and cars, and off-road diesel engines that include locomotives, marine vessels, and heavy-duty equipment.¹

For purposes of this analysis, DPM exhaust emissions are represented as particulate matter that is 10 micrometers in diameter and smaller (PM₁₀).

Asbestos

Asbestos is a fibrous mineral that both naturally occurs in ultramafic rock (a rock type commonly found in California) and is used as a processed component of building materials. Because asbestos has been proven to cause a number of disabling and fatal diseases, such as asbestosis and lung cancer, it is strictly regulated either based on its natural widespread

¹ California Air Resources Board (CARB). 2019. Overview: Diesel Exhaust and Health. Website: <https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health>. Accessed February 26, 2025.

occurrence or in its use as a building material. In the initial Asbestos National Emission Standards for Hazardous Air Pollutants rule promulgated in 1973, a distinction was made between building materials that would readily release asbestos fibers when damaged or disturbed (friable) and those materials that were unlikely to result in significant fiber release (non-friable). The U.S. Environmental Protection Agency (EPA) has since determined that, when severely damaged, otherwise non-friable materials can release significant amounts of asbestos fibers. Asbestos has been banned from many building materials under the Toxic Substances Control Act, the Clean Air Act, and the Consumer Product Safety Act. Naturally occurring asbestos (NOA) is known to occur in many parts of California and is commonly associated with ultramafic or serpentinite rock.

Model Selection

Criteria Pollutants and GHG Emissions—Model Selection

The California Emissions Estimator Model (CalEEMod) is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas (GHG) emissions associated with both construction and operations from a variety of land use projects. CalEEMod quantifies direct emissions from construction and operation activities (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use. Further, CalEEMod identifies mitigation measures to reduce criteria pollutant and GHG emissions along with calculating the benefits achieved from measures chosen by the user.

CalEEMod was developed for the California Air Pollution Control Officers Association (CAPCOA) in collaboration with the California Air Districts. Default data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California Air Districts to account for local requirements and conditions.

CalEEMod is a comprehensive tool for quantifying air quality impacts from land use projects located throughout California. The model can be used for a variety of situations where an air quality analysis is necessary or desirable such as preparing CEQA or National Environmental Policy Act documents, conducting pre-project planning, and, verifying compliance with local air quality rules and regulations, etc.

The proposed Preferred Pump Warehouse and Distribution Center Project is located in the City of Sacramento, within Sacramento County California and also within the Sacramento Valley Air Basin. Where applicable, the modeling follows SMAQMD guidance. The models used in this analysis are summarized as follows:

- Construction emissions: CalEEMod, version 2022.1
- Operational emissions: CalEEMod, version 2022.1
- Operational TAC emissions: Emission FACTor (EMFAC) 2021
- Dispersion Model: American Meteorological Society/ Environmental Protection Agency Regulatory Model (AERMOD), version 24142
- Health Risk Metric Calculations: Hot Spots Analysis & Reporting Program 2 (HARP2)

Construction DPM emissions (represented as PM₁₀ exhaust) were estimated using CalEEMod version 2022.1. Operational DPM emissions (represented as PM₁₀ exhaust) were estimated using EMFAC 2021.

Toxic Air Contaminants—Model Selection and Parameters

An air dispersion model is a mathematical formulation used to estimate the air quality impacts at specific locations (receptors) surrounding a source of emissions given the rate of emissions and prevailing meteorological conditions. The air dispersion model applied in this assessment was the U.S. EPA AERMOD (version 24142) air dispersion model. Specifically, AERMOD was used to estimate levels of air emissions at sensitive receptor locations from potential sources of project-generated TACs during the construction period. The use of AERMOD provides a refined methodology for estimating construction impacts by utilizing long-term, measured representative meteorological data for the project site and a representative construction schedule.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. Direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. Terrain elevations were obtained for the project site using the AERMAP model, the AERMOD terrain data pre-processor. The air dispersion model assessment used meteorological data from the Sacramento International Airport (KSMF) station. The meteorological data used was preprocessed for use with AERMOD by SMAQMD and included data for the years 2014 to 2018; all years were used in the assessment. To evaluate the proposed project's localized impacts at the point of maximum impact, all receptors were placed within the breathing zone at 1.2 meters above ground level.

For the construction period, construction emissions were assumed to be distributed over the project site with a working schedule of eight hours per day and five days per week. Emissions were adjusted by a factor of 4.2 to convert for use with a 24-hour-per-day, 365 day-per-year averaging period. To assess impacts during construction, project operations were assessed assuming a 24-hour-per-day, and seven day-per-week schedule. Detailed parameters and complete calculations are contained in Attachment B.

Assumptions

Construction Modeling Assumptions

Schedule

The proposed project would require various tasks including site preparation, grading, building construction, paving, and architectural coating (painting). Table 1 shows the construction schedule used to estimate emissions for the purpose of assessing air quality impacts. The construction schedule utilized in the analysis represents a “worst-case” analysis scenario since emission factors for construction equipment decrease as the analysis year increases, due to improvements in technology and more stringent regulatory requirements. Therefore, construction emissions would decrease if the construction schedule moved to later years or is phased over multiple years. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as required per CEQA

guidelines. The site-specific construction fleet may vary due to specific project needs at the time of construction.

Table 1: Project Construction Schedule

Construction Task	Start Date	End Date	Number of Days per Week	Number of Workdays per Phase
Site Preparation	5/1/2025	5/14/2025	5	10
Grading	5/15/2025	6/11/2025	5	20
Paving	6/12/2025	7/9/2025	5	20
Building Construction	7/10/2025	1/7/2026	5	130
Architectural Coating	1/5/2026	2/1/2026	5	20
Source: Modeling Assumptions and Claimed Output Files (Attachment A).				

Equipment

The off-road equipment fleet assumptions for construction were generated using default values from CalEEMod. CalEEMod generates construction fleets for construction activities based on the size of the construction areas. Construction equipment for each construction activity is shown in Table 2.

Table 2: Project Construction Equipment

Construction Task	Equipment Type	Pieces of Equipment	Usage (hours/day)	Horsepower	Load Factor	Fuel Type
Site Preparation	Rubber Tired Dozers	3	8	367	0.40	Diesel
	Tractors/Loaders/Backhoes	4	8	84	0.37	Diesel
Grading	Excavators	1	8	36	0.38	Diesel
	Graders	1	8	148	0.41	Diesel
	Rubber Tired Dozers	1	8	367	0.40	Diesel
	Tractors/Loaders/Backhoes	3	8	84	0.37	Diesel
Paving	Pavers	2	8	81	0.42	Diesel
	Paving Equipment	2	8	89	0.36	Diesel
	Rollers	2	8	36	0.38	Diesel
Building Construction	Cranes	1	7	367	0.29	Diesel
	Forklifts	3	8	82	0.20	Diesel
	Generator Sets	1	8	14	0.74	Diesel
	Tractors/Loaders/Backhoes	3	7	84	0.37	Diesel
	Welders	1	8	46	0.45	Diesel
Architectural Coating	Air Compressors	1	6	37	0.48	Diesel

Source: Modeling Assumptions and CalEEMod Output Files (Attachment A).

Vehicles Trips

Table 3 provides a summary of the construction-related vehicle trips. CalEEMod default values were used to estimate the number of construction-related vehicle trips and were supplemented with additional purpose-based trips to avoid underestimating emissions from on-road vehicles anticipated during the construction period.

The default values for hauling trips are based on the assumption that a truck can haul 20 tons (or 16 cubic yards) of material per load. If one load of material is delivered, CalEEMod assumes that one haul truck importing material will also have a return trip with an empty truck (e.g., 2 one-way trips).

The fleet mix for worker trips is light-duty passenger vehicles to light-duty trucks. The vendor trips fleet mix is composed of a mixture of medium and heavy-duty diesel trucks. The hauling trips were assumed to be 100 percent heavy-duty diesel truck trips. CalEEMod default trip lengths for a project in Sacramento County and an urban setting were used for the worker (14.3 miles), vendor (8.8 miles), and hauling (20 miles) trips.

Table 3: Construction Vehicle Trips

Construction Task	Worker Trips per Day	Vendor Trips per Day	Haul Trips per Day
Site Preparation	17.50	2.00	0.00
Grading	15.00	2.00	12.50
Paving	15.00	10.00	0.00
Building Construction	18.47	7.58	0.00
Architectural Coating	3.69	2.00	0.00
Notes: Additional vendor trips were added to account for delivery of materials. CalEEMod default trips account for miscellaneous trips in the building construction phases, which were retained in the modeling. Cut and fill estimates: Cut and fill are expected to balance on-site based on applicant-provided information. The analysis assumes 1,000 cubic yards of cut would be exported and 1,000 cubic yards of fill would be imported to provide a conservative estimate of emissions. Source: Modeling Assumptions and CalEEMod Output Files (Attachment A).			

Operational Modeling Assumptions

Operational emissions are those emissions that occur during operation of the proposed project. The sources are summarized below.

Motor Vehicles

Motor vehicle emissions refer to exhaust and road dust emissions from the automobiles that would travel to and from the proposed project site. Assumptions were based on the accompanying traffic study completed for the project. Modeling was completed using the default overall daily trips and the applicant-reported number of average daily truck trips. Please see Attachment A for detailed assumptions.

Table 4: Project Operational Vehicle Trips

Project Land Use	Weekday Trips per Day	Saturday Trips per Day	Sunday Trips per Day
Warehouse (Passenger Trips) ¹	52.9	52.9	52.9
Warehouse (Truck Only Trips)	11.0	11.0	11.0
Office	92.5	21.0	6.65
Notes: ¹ The default tips for the “Unrefrigerated Warehouse-No Rail” land use is daily trips 63.9 (63.9 daily trips minus 11.0 daily truck trips is 52.9 daily trips). Source: Modeling Assumptions and CalEEMod Output Files (Attachment A).			

Trip Lengths

The CalEEMod default round trip lengths for an urban setting in Sacramento County were used in this analysis. Trip lengths are for primary trips. Trip purposes are primary, diverted, and pass-by trips. Diverted trips take a slightly different path than a primary trip. The CalEEMod defaults for percentages of primary, diverted, and pass-by trips were used in the analysis for the office land use and for the passenger vehicle trips associated with the warehouse use. The trip length was lengthened to 40 miles for the 11 daily truck trips associated with the proposed warehouse.

Vehicle Fleet Mix

The vehicle fleet mix is defined as the mix of motor vehicle classes active during the operation of the proposed project. Emission factors are assigned to the expected vehicle mix as a function of vehicle class, speed, and fuel use (gasoline- and diesel-powered vehicles). The vehicle fleet mixes were revised to reflect trips appropriate for each land use type. For instance, the fleet mix for the land use used to represent the truck trips generated by the proposed warehouse was assumed to be comprised entirely of heavy-duty trucks (represented in CalEEMod as MHD and HDD). See Appendix A for detailed assumptions.

Area Sources

Consumer Products

Consumer products are various solvents used in non-industrial applications, which emit VOCs during their product use. “Consumer Product” means a chemically formulated product used by household and institutional consumers, including but not limited to: detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. It does not include other paint products, furniture coatings, or architectural coatings. CalEEMod includes default consumer product use rates based on building square footage. The default emission factors developed for CalEEMod were used for consumer products were used.

Architectural Coatings (Painting)

Paints release VOC emissions. The buildings included as part of the proposed project would be repainted on occasion. CalEEMod defaults were used for this purpose.

Landscaping Emissions

CalEEMod estimates a total of 180 days for which landscaping equipment would be used to estimate potential emissions for the proposed project.

Indirect Emissions

For GHG emissions, CalEEMod contains calculations to estimate indirect GHG emissions. Indirect emissions are emissions where the location of consumption or activity is different from where actual emissions are generated. For example, electricity would be consumed at the proposed project site; however, emissions associated with producing that electricity are generated off-site at a power plant. Since the electricity can vary greatly based on locations, the user should override these values if they have more specific information regarding their specific water supply and treatment.

Energy Use

The emissions associated with the building electricity and natural gas usage (non-hearth) were estimated based on the land use type and size. As the project would be built as all-electric, not natural gas would be used.

The Renewables Portfolio Standard (RPS) took effect in 2020. The Renewable Electricity Standard requires that electricity providers include a minimum of 33 percent renewable energy in their portfolios by the year 2020. The utilities in California will be required to increase the use of renewable energy sources to 60 percent by 2030.

Other Indirect Emissions (Water Use, Wastewater Use, and Solid Waste)

CalEEMod includes calculations for indirect GHG emissions for electricity consumption, water consumption, and solid waste disposal. For water consumption, CalEEMod calculates embedded energy (e.g., treatment, conveyance, distribution) associated with providing each gallon of potable water to the project. For solid waste disposal, GHG emissions are associated with the disposal of solid waste generated by the proposed project into landfills. CalEEMod default data were used for inputs associated with solid waste.

AIR QUALITY

Environmental Setting

Air quality impacts are both local and regional. Regional and local air quality is impacted by topography, dominant airflows, atmospheric inversions, location, and season. The project is located in Sacramento, within Sacramento County. The project site and the Sacramento region are in the Sacramento Valley Air Basin (SVAB).

Climate and Meteorology

The SVAB is a relatively flat area bordered by the north Coast Ranges to the west and the northern Sierra Nevada to the east. Air flows into the SVAB through the Carquinez Strait, the only breach in the western mountain barrier, and moves across the Sacramento River–San Joaquin River Delta (Delta) from the San Francisco Bay area.

The Mediterranean climate type of the SVAB is characterized by hot, dry summers and cool, rainy winters. During the summer, daily temperatures range from 50 degrees Fahrenheit (°F) to more than 100°F. The inland location and surrounding mountains shelter the area from much of the ocean breezes that keep the coastal regions moderate in temperature. Most precipitation in the area results from air masses that move in from the Pacific Ocean, usually from the west or northwest, during the winter months. More than half the total annual precipitation falls during the winter rainy season (November through February); the average winter temperature is a moderate 49°F. Also, characteristic of SVAB winters are periods, of dense and persistent low-level fog, which are most prevalent between storms. The prevailing winds are moderate in speed and vary from moisture-laden breezes from the south to dry land flows from the north.

The mountains surrounding the SVAB create a barrier to airflow, which leads to the entrapment of air pollutants when meteorological conditions are unfavorable for transport and dilution. The highest frequency of poor air movement occurs in the fall and winter when high-pressure cells are present over the SVAB. The lack of surface wind during these periods, combined with the reduced vertical flow caused by a decline in surface heating, reduces the influx of air and leads to the concentration of air pollutants under stable meteorological conditions. Surface concentrations of air pollutant emissions are highest when these conditions occur in combination with agricultural burning activities or with temperature inversions, which hamper dispersion by creating a ceiling over the area and trapping air pollutants near the ground.

May through October is ozone season in the SVAB. This period is characterized by poor air movement in the mornings with the arrival of the Delta sea breeze from the southwest in the afternoons. In addition, longer daylight hours provide a plentiful amount of sunlight to fuel photochemical reactions between reactive organic gases (ROG) and nitrogen oxides (NO_x), which result in ozone formation. Typically, the Delta breeze transports air pollutants northward out of the SVAB; however, a phenomenon known as the Schultz Eddy prevents this from occurring during approximately half of the time from July to September. The Schultz Eddy phenomenon causes the wind to shift southward and blow air pollutants back into the SVAB. This phenomenon exacerbates the concentration of air pollutant emissions in the area and contributes to the area violating the ambient-air quality standards.

Criteria Air Pollutants

The Federal Clean Air Act (FCAA) establishes the framework for modern air pollution control. The FCAA, enacted in 1970 and amended in 1990, directs the U.S. EPA to establish ambient air quality standards. These standards are divided into primary and secondary standards. The primary standards are set to protect human health, and the secondary standards are set to protect environmental values, such as plant and animal life. The FCAA requires the EPA to set National Ambient Air Quality Standards for the six criteria air pollutants. These pollutants include particulate matter (PM), ground-level ozone, carbon monoxide (CO), sulfur oxides, nitrogen oxides, and lead.

Toxic Air Contaminants

A toxic air contaminant (TAC) is an air pollutant not included in the California Ambient Air Quality Standards, but TACs are considered hazardous to human health. Toxic air contaminants are defined by the California Air Resources Board (CARB) as those pollutants that, “may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health.”

The health effects associated with TACs are generally assessed locally rather than regionally. Toxic air contaminants can cause long-term health effects such as cancer, birth defects, neurological damage, asthma, bronchitis, or genetic damage; TACs can also cause short-term acute effects such as eye watering, respiratory irritation, running nose, throat pain, and headaches. For evaluation purposes, TACs are separated into carcinogens and noncarcinogens. Carcinogens are assumed to have no safe threshold below which health impacts would not occur, and the cancer risk is expressed as excess cancer cases per one million exposed individuals (typically over a lifetime of exposure).

TACs of concern assessed in this analysis include asbestos and DPM.

Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Heightened sensitivity may be caused by health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, childcare centers, playgrounds, retirement homes, convalescent homes, hospitals, and medical clinics.

Air Quality Standards

The Clean Air Act requires states to develop a general plan to attain and maintain the standards in all areas of the country and a specific plan to attain the standards for each area designated nonattainment. These plans, known as State Implementation Plans or SIPs, are developed by state and local air quality management agencies and submitted to EPA for approval.

The SIP for the State of California is administered by the CARB, which has overall responsibility for statewide air quality maintenance and air pollution prevention. California's SIP incorporates individual federal attainment plans for each regional air district. SIPs are prepared by the

regional air district and sent to CARB to be approved and incorporated into the California SIP. Federal attainment plans include the technical foundation for understanding air quality (e.g., emission inventories and air quality monitoring), control measures and strategies, and enforcement mechanisms.

The CARB also administers the California Ambient Air Quality Standards (CAAQS) for the 10 air pollutants designated in the California Clean Air Act. The 10 state air pollutants include the six federal criteria pollutant standards listed above as well as visibility-reducing particulates, hydrogen sulfide, sulfates, and vinyl chloride. The federal and state ambient air quality standards are summarized in Table 5.

Table 5: California and National Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards	National Standards	
		Concentration	Primary	Secondary
Ozone	1 Hour	0.09 ppm (180 $\mu\text{g}/\text{m}^3$)	—	Same as Primary Standard
	8 Hour	0.070 ppm (137 $\mu\text{g}/\text{m}^3$)	0.070ppm (137 $\mu\text{g}/\text{m}^3$)	
Respirable Particulate Matter	24 Hour	50 $\mu\text{g}/\text{m}^3$	150 $\mu\text{g}/\text{m}^3$	Same as Primary Standard
	Annual Arithmetic Mean	20 $\mu\text{g}/\text{m}^3$	—	
Fine Particulate Matter	24 Hour	—	35 $\mu\text{g}/\text{m}^3$	Same as Primary Standard
	Annual Arithmetic Mean	12 $\mu\text{g}/\text{m}^3$	12 $\mu\text{g}/\text{m}^3$	
Carbon Monoxide	1 Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	—
	8 Hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)	—
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)	—	—
Nitrogen Dioxide	1 Hour	0.18 ppm (339 $\mu\text{g}/\text{m}^3$)	100 ppb (188 $\mu\text{g}/\text{m}^3$)	—
	Annual Arithmetic Mean	0.030 ppm (57 $\mu\text{g}/\text{m}^3$)	0.053 ppm (100 $\mu\text{g}/\text{m}^3$)	Same as Primary Standard
Sulfur Dioxide	1 Hour	0.25 ppm (655 $\mu\text{g}/\text{m}^3$)	75 ppb (196 $\mu\text{g}/\text{m}^3$)	—
	3 Hour	—	—	0.5 ppm (1300 $\mu\text{g}/\text{m}^3$)
	24 Hour	0.04 ppm (105 $\mu\text{g}/\text{m}^3$)	0.14 ppm (for certain areas)	—
	Annual Arithmetic Mean	—	0.030 ppm (for certain areas)	—
Lead	30-Day Average	1.5 $\mu\text{g}/\text{m}^3$	—	—
	Calendar Quarter	—	1.5 $\mu\text{g}/\text{m}^3$	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 $\mu\text{g}/\text{m}^3$	

Pollutant	Averaging Time	California Standards	National Standards	
		Concentration	Primary	Secondary
Visibility-Reducing Particles	8 Hour	See Footnote 1	No National Standards	
Sulfates	24 Hour	25 µg/m³		
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m³)		
Vinyl Chloride	24 Hour	0.01 ppm (26 µg/m³)		
Notes: 1 - 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 CARB = California Air Resources Board mg/m3 = milligrams per cubic meter ppm = parts per million Source: California Air Resources Board (CARB). 2017. Air Quality Standards. Website: https://www.baaqmd.gov/about-air-quality/research-and-data/air-quality-standards-and-attainment-status . Accessed February 25, 2025.				

Federal and state air quality laws require identification of areas not meeting the ambient air quality standards. These areas must develop regional air quality plans to eventually attain the standards. The SVAB is designated nonattainment for ozone and PM_{2.5}. Maintenance plans for carbon monoxide and PM₁₀ are still required for the SVAB.²

Thresholds of Significance

Project-level Thresholds

The CEQA Guidelines define a significant effect on the environment as “a substantial, or potentially substantial, adverse change in the environment.” To determine if a project would have a significant impact on air quality, the type, level, and impact of emissions generated by the proposed project must be evaluated.

This analysis uses the air quality significance thresholds contained in Appendix G of the CEQA Guidelines. 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.
- Expose sensitive receptors to substantial pollutant concentrations.
- Create objectionable odors affecting a substantial number of people.

² Sacramento Metropolitan Air Quality Management District (SMAQMD). 2017. Federal Planning. Website: <https://www.airquality.org/residents/air-quality-plans/federal-planning>. Accessed February 2025.

The City of Sacramento has not established specific CEQA significance thresholds. Where available guidance provided by the applicable air district can be used to make significance determinations for the CEQA questions listed above. While the final determination of whether a project is significant is within the purview of the Lead Agency pursuant to Section 15064(b) of the CEQA Guidelines, the SMAQMD recommends that its quantitative air pollution thresholds be used to determine the significance of project emissions in accordance with the Appendix G requirements. If a Lead Agency finds that a project has the potential to exceed these air pollution thresholds, according to the SMAQMD, the project should be considered to have significant air quality impacts.

Air pollutant emissions have regional effects and localized effects. SMAQMD recommends analysis methods and tools for determining significant adverse impacts on air quality from proposed projects and provides recommended mitigation strategies for both short term (construction) and long term (operational) impacts. This analysis assesses the regional effects of the project's criteria pollutant emissions in comparison to SMAQMD thresholds of significance for short-term construction activities and long-term operation of the project. Localized emissions from project construction and operation are also assessed.

The primary pollutants of concern during project construction and operation are ROG, NO_x, PM₁₀, and PM_{2.5}. Ozone is a secondary pollutant that can be formed miles away from the source of emissions through reactions of ROG and NO_x emissions in the presence of sunlight. Therefore, ROG and NO_x are termed ozone precursors.

The SMAQMD has adopted thresholds of significance for construction-related and operational emissions. These thresholds are applied in the appropriate section of this document.

Table 6: SMAQMD Criteria Pollutant Thresholds

Pollutant	Construction-Related	Operational-Related
Nitrogen oxides (NO _x)	85 pounds per day	65 pounds per day
Reactive organic gases (ROG)	None	65 pounds per day
PM ₁₀ (particulate matter less than 10 microns in diameter)	Zero (0). If all feasible BACT/BMPs are applied, then 80 pounds per day and 14.6 tons per year.	Zero (0). If all feasible BACT/BMPs are applied, then 80 pounds per day and 14.6 tons per year.
PM _{2.5} (particulate matter less than 2.5 microns in diameter)	Zero (0). If all feasible BACT/BMPs are applied, then 82 pounds per day and 15 tons per year.	Zero (0). If all feasible BACT/BMPs are applied, then 82 pounds per day and 15 tons per year.
Notes: BACT = Best Available Control Technology BMPs = Best Management Practices Source: SMAQMD. SMAQMD Thresholds of Significance Table from the CEQA Guide December 2009, Revised November 2014, May 2015, April 2020. Website: https://www.airquality.org/LandUseTransportation/Documents/CH2ThresholdsTable4-2020.pdf . Accessed February 2025.		

Project construction would involve the use of diesel-fueled vehicles and equipment that emit DPM, which is considered a TAC. Once operational, some diesel-fueled vehicles would access the project site. The following project-specific health risk significance thresholds are applied in this analysis:

- Maximum Incremental Cancer Risk: ≥ 10 in 1 million.
- Hazard Index (project increment) ≥ 1.0 .

Environmental Impact Analysis

This section discusses potential impacts related to air quality associated with the proposed project and provides mitigation measures where necessary.

Impact AIR-1 Conflict with or obstruct implementation of the applicable air quality plan?

Impact Analysis

The CEQA Guidelines indicate that a significant impact would occur if the project would conflict with or obstruct implementation of the applicable air quality plan. AQMPs are plans for reaching attainment of air quality standards. The growth assumptions, emission inventory, and control measures to reduce emissions are analyzed to determine if the SVAB can reach attainment for the ambient air quality standards by the schedule required by the federal CAA. In order to show attainment of the standards, the SMAQMD analyzes the growth projections in the Sacramento region, contributing factors in air pollutant emissions and formations, and existing and adopted emissions controls. The SMAQMD then formulates a control strategy to reach attainment that includes both State and District regulations and other local programs and measures.

The SMAQMD does not provide specific guidance on analyzing conformity with the AQMP. Therefore, this document proposes to assess whether the project will conform to the assumptions in the AQMPs for determining project consistency with the current AQMPs. This document proposes the following criteria for determining project consistency with the current AQPs:

1. Will the project result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay timely attainment of air quality standards or the interim emission reductions specified in the AQPs? This measure is determined by comparison to the regional thresholds identified by the Air District for Regional Air Pollutants.
2. Will the project comply with applicable control measures in the AQPs?

Contribution to Air Quality Violations

A measure for determining if the project is consistent with the air quality plans is if the project would not result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of air quality standards or the interim emission reductions specified in the air quality plans. Regional air quality impacts and attainment of standards are the result of the cumulative impacts of all emission sources within the air basin. Individual projects are generally not large enough to contribute measurably to an existing violation of air quality standards. Therefore, the cumulative impact of the project is based on its cumulative contribution. Because of the region's nonattainment status for ozone and $PM_{2.5}$,—if project-generated emissions of either of the ozone precursor pollutants (ROG and NO_x) or $PM_{2.5}$ would exceed the SMAQMD's significance thresholds—then the project would be

considered to contribute to violations of the applicable standards and conflict with the attainment plans.

As shown in Table 7 and Table 8 under Impact AIR-2 below, the project's construction and operational regional emissions would not exceed SMAQMD's regional criteria pollutant emissions quantitative thresholds. Therefore, the proposed project would not be considered in conflict with or obstruct implementation of the applicable air quality plan based on this criterion.

Compliance with Applicable Control Measures

AQPs assume compliance with a number of control measures, which are enforceable requirements through the adoption of rules and regulations. The SMAQMD applicable rules and regulations would include, but would not be limited to, the following:

- Rule 403 related to Fugitive Dust;
- Rule 404 Related to Particulate Matter;
- Rule 407 related to open burning;
- Rule 442 related to Architectural Coatings
- Rule 453 related to Cutback and Emulsified Asphalt Paving Materials; and
- Rule 460 related to Adhesives and Sealants.

In addition, the control of fugitive dust during construction is required by SMAQMD Rule 403. The City would enforce compliance with Rule 403 through implementation of Mitigation Measure AIR-1, below.

The project would comply with all applicable SMAQMD rules and regulations. Therefore, the proposed project would not conflict with or obstruct implementation of the applicable air quality attainment plan under this criterion.

Conclusion

As described above, the proposed project's construction and operational regional emissions would not exceed SMAQMD's regional criteria pollutant emissions quantitative thresholds. Furthermore, the proposed project would comply with all applicable SMAQMD rules and regulations after incorporation of Mitigation Measure AIR-1. Accordingly, the proposed project would not conflict with or obstruct implementation of the applicable air quality plans, and, therefore, this impact would be less than significant with the incorporation of mitigation.

Level of Significance Before Mitigation

Potentially significant impact.

Mitigation Measures

Implementation of Mitigation Measure AIR-1 would ensure compliance with SMAQMD Rule 403.

MM AIR-1 The following SMAQMD's Basic Construction Emissions Control Practices (BMPs) for dust control shall be included through a notation on all project grading

plans prior to the issuance of grading permits, to the satisfaction of the City of Sacramento Community Development Department.

- Water all exposed surfaces two times daily. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads;
- Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways should be covered;
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited;
- Limit vehicle speeds on unpaved roads to 15 miles per hour (mph);
- All roadways, driveways, sidewalks, parking lots to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used;
- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [CCR Title 13, Sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site;
- Provide current certificate(s) of compliance for CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [CCR Title 13, Sections 2449 and 2449.1]. For more information contact CARB at 877-593- 6677, doors@arb.ca.gov, or www.arb.ca.gov/doors/compliance_cert1.html; and
- Maintain all construction equipment in proper working condition according to manufacturer's specifications.

Level of Significance After Mitigation

Less than significant impact with incorporation of MM AIR-1.

Impact AIR-2 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?

Impact Analysis

To result in a less than significant impact, the following criteria must be true:

1. Regional analysis: emissions of nonattainment pollutants must be below the SMAQMD's regional significance thresholds.
2. Summary of projections: the project must be consistent with current air quality attainment plans including control measures and regulations. This is an approach consistent with Section 15130(b) of the CEQA Guidelines.

3. Cumulative health impacts: the project must result in less than significant cumulative health effects from the nonattainment pollutants. This approach correlates the significance of the regional analysis with health effects, consistent with the court decision, *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4th 1184, 1219-20.

Regional Emissions

Air pollutant emissions have both regional and localized effects. This analysis assesses the regional effects of the project's criteria pollutant emissions in comparison to SMAQMD thresholds of significance for short-term construction activities and long-term operation of the project. Localized emissions from project construction and operation are assessed under Impact AIR-3—Sensitive Receptors using concentration-based thresholds that determine if the project would result in a localized exceedance of any ambient air quality standards or would make a cumulatively considerable contribution to an existing exceedance.

Due to the nonattainment designations of the area, the SMAQMD has developed plans to attain the State and federal standards for ozone and particulate matter. The Ozone Attainment Plan demonstrates how existing and new control strategies would provide the necessary future emission reductions to meet the CAA requirements, including the federal AAQS. Adopted SMAQMD rules and regulations, as well as the thresholds of significance, have been developed with the intent to ensure continued attainment of AAQS, or to work towards attainment of AAQS for which the area is currently designated nonattainment, consistent with the applicable air quality plan. Thus, if a project's operational emissions exceed the SMAQMD's mass emission thresholds, a project would be considered to conflict with or obstruct implementation of the SMAQMD's air quality planning efforts.

Construction Emissions

Construction activities associated with the development of the proposed project would include site preparation, grading, building construction, paving, and architectural coatings. Emissions from construction-related activities are generally short-term in duration but may still cause adverse air quality impacts. During construction, fugitive dust would be generated from earth-moving activities. Exhaust emissions would also be generated from off-road construction equipment and construction-related vehicle trips. Emissions associated with construction of the proposed project are discussed below.

Table 7 provides the construction emissions estimate for the proposed project. Please refer to the Modeling Parameters and Assumptions section of this technical memorandum for details regarding assumptions used to estimate construction emissions. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as required pursuant to CEQA guidelines.

Table 7: Construction Regional Air Pollutant Emissions (Unmitigated)

Parameter	ROG	NO _x	PM ₁₀		PM _{2.5}	
	lbs/day	lbs/day	lbs/day	tons/year	lbs/day	tons/year
2025 Construction Year	3.39	31.80	9.22	0.13	5.24	0.08
2026 Construction Year	21.16	11.29	0.70	0.00	0.45	0.00
Highest Construction Emissions	21.16	31.80	9.22	0.13	5.24	0.08
SMAQMD Thresholds of Significance	—	85	80	14.6	82	15
Exceeds Significance Threshold?	N/A	No	No	No	No	No
Notes: PM ₁₀ and PM _{2.5} emissions reflect compliance with SMAQMD Rule 403 —Fugitive Dust. NO _x = oxides of nitrogen PM ₁₀ = particulate matter 10 microns in diameter PM _{2.5} = particulate matter 2.5 microns in diameter ROG = reactive organic gases N/A= not applicable; lb/day = pounds per day; tons/year = tons per year Daily emissions represent the maximum daily emissions from the summer and winter scenarios. Source of emissions: CalEEMod Output (Attachment A).						

As shown in Table 7, estimated emissions from construction of the proposed project are below the SMAQMD significance thresholds. Therefore, the regional construction emissions would be less than significant on a project basis.

Operational Emissions

As previously discussed, the pollutants of concern include ROG, NO_x, PM₁₀, and PM_{2.5}. Emissions were assessed for full buildout operations in the 2026 operational year. The 2026 operational year was chosen as it would be the earliest year the project is anticipated to become operational. Emissions were estimated for full project buildout in the earliest operational year, thus generating the full amount of expected operational activity. The SMAQMD Criteria Air Pollutant Significance thresholds were used to determine impacts. Operational annual emissions are shown in Table 8, while Table 9 shows the maximum daily emissions from operations.

Table 8: Operational Annual Emissions for Full Buildout (Unmitigated)

Emissions Source	Annual Emissions (tons per year)			
	ROG	NO _x	PM ₁₀	PM _{2.5}
Area	0.25	< 0.01	< 0.01	< 0.01
Energy Consumption	< 0.01	< 0.01	< 0.01	< 0.01
Mobile (On-road Vehicles)	0.10	0.51	0.24	0.07
Total Project Annual Emissions	0.35	0.51	0.24	0.07
SMAQMD Thresholds of Significance (tons/year)	—	—	14.6 tons/year	15 tons/year
Exceeds Significance Threshold?	N/A	N/A	No	No
Notes: NO _x = oxides of nitrogen PM _{2.5} = particulate matter 2.5 microns or less in diameter PM ₁₀ = particulate matter 10 microns or less in diameter ROG = reactive organic gases N/A= not applicable; tons/year = tons per year Source of emissions: CalEEMod Output (Attachment A).				

Table 9: Maximum Daily Operational Emissions for Full Buildout (Unmitigated)

Emissions Source	Maximum Daily Emissions (lbs/day)			
	ROG	NO _x	PM ₁₀	PM _{2.5}
Area	1.45	< 0.01	< 0.01	< 0.01
Energy Consumption	< 0.01	< 0.01	< 0.01	< 0.01
Mobile (On-road Vehicles)	0.69	2.97	1.54	0.42
Maximum Daily Operational Emissions	2.14	2.97	1.54	0.42
SMAQMD Thresholds of Significance (lbs/day)	65	65	80 lbs/day	82 lbs/day
Exceeds Significance Threshold?	No	No	No	No
Notes: NO _x = oxides of nitrogen PM _{2.5} = particulate matter 2.5 microns or less in diameter PM ₁₀ = particulate matter 10 microns or less in diameter ROG = reactive organic gases N/A= not applicable; lb/day = pounds per day Daily emissions represent the maximum daily emissions from the summer and winter scenarios. Source of emissions: CalEEMod Output (Attachment A).				

As shown in Table 8 and Table 9, the proposed project would not result in net operational-related air pollutants or precursors that would exceed the applicable thresholds of significance. Therefore, project operations would not be considered to have the potential to generate a

significant quantity of air pollutants; long-term operational impacts associated with the project's criteria pollutant emissions would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

Impact AIR-3 Expose sensitive receptors to substantial pollutant concentrations?

Impact Analysis

Emissions occurring at or near the project have the potential to create a localized impact that could expose sensitive receptors to substantial pollutant concentrations. Sensitive receptors are considered land uses or other types of population groups that are more sensitive to air pollution than others due to their exposure. Sensitive population groups include children, the elderly, the acutely and chronically ill, and those with cardio-respiratory diseases. A sensitive receptor is considered to be a location that houses or attracts children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants. Examples of sensitive receptors include hospitals, residences, convalescent facilities, and schools.

- The closest existing sensitive receptors (to the site area) are all residences. The nearest sensitive receptor to the north is a residence 65.66 feet (20.01 meters) from the Northwest corner of the jobsite. East of the project the nearest sensitive receptor is a residence 17.02 feet (5.19 meters) away from the southeast corner of the jobsite. The nearest sensitive receptor to the south is a residence 73.68 feet (22.46 meters) away from the southwest corner of the project. The nearest sensitive receptor to the west is a residence 96.28 feet (29.65 meters) away. There are no schools, daycares, convalescent facilities, hospitals or other sensitive receptor sites within ¼-mile of the project.

Toxic Air Contaminants

Construction

Project construction would involve the use of diesel-fueled vehicles and equipment that emit DPM, which is considered a TAC.

A project-level assessment was conducted of the potential community health risk and health hazard impacts on surrounding sensitive receptors resulting from the emissions of TACs during construction. A summary of the assessment is provided below, while the detailed assessment is provided in Attachment B.

Construction activity using diesel-powered equipment emits DPM, a known carcinogen. Diesel particulate matter includes exhaust PM₁₀ and exhaust PM_{2.5}. A 10-year research program demonstrated that DPM from diesel-fueled engines is a human carcinogen and that chronic

(long-term) inhalation exposure to DPM poses a chronic health risk.³ Health risks from TACs are a function of both concentration and duration of exposure. Construction diesel emissions are temporary, affecting an area for a period of weeks or months. Additionally, construction-related sources are mobile and transient in nature.

The health risk assessment evaluated DPM (represented as exhaust PM₁₀) emissions generated during construction of the proposed project and the related health risk impacts for sensitive receptors located within approximately 1,000 feet of the project boundary.

The project site is located within 1,000 feet of existing sensitive receptors that could be exposed to diesel emission exhaust during the construction period. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including DPM), a dispersion model was used to translate an emission rate from the source location to concentrations at the receptor locations of interest (i.e., receptors at nearby residences). A maximally exposed receptor (MER) was determined for construction and through the use of the dispersion modeling. A graphical representation of the inputs used in the dispersion modeling, including the locations of modeled receptor locations, is included as part of Attachment B.

Table 10 presents a summary of the proposed project's construction cancer risk and chronic non-cancer hazard impacts at the MER from project construction prior to the application of any equipment mitigation.

Table 10: Health Risks from Unmitigated Project Construction

Scenario	Health Impact Metric	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index
Risks and Hazards from Project Construction to the Off-site MER¹			
Unmitigated Project Construction	Risks and Hazards at the MER	10.14	0.015
Applicable Threshold of Significance		10	1
Exceeds Individual Source Threshold?		No	No
Notes: MER = Maximally Exposed Receptor ¹ The MER during the construction period was determined to be an existing residence located south of the project site at 38°39'42.3"N 121°26'13.6"W (Receptor #152). Source: Attachment B.			

As shown in Table 10, estimated health risk metrics from unmitigated elevated DPM concentrations during construction of the proposed project exceed the applicable cancer risk significance threshold significance threshold at the MER. Therefore, mitigation is required to reduce the impact during the construction period to below a level of significance.

MM AIR-3 requires the project applicant, project sponsor, or construction contractor to provide documentation to the City of Sacramento that all off-road diesel-powered construction equipment greater than 75 horsepower meet EPA or CARB Tier 4 Interim or Final off-road

³ California Air Resources Board (CARB). 2015. The Report on Diesel Exhaust. Website: <https://ww2.arb.ca.gov/sites/default/files/classic/toxics/dieseltac/de-fnds.htm>. Accessed February 25, 2025.

emissions standards or to use Level 3 filters. Table 11 shows the health risks and non-cancer hazard index for construction with implementation of MM AIR-3.

Table 11: Summary of the Health Impacts from Mitigated Construction of the Project

Exposure Scenario	Maximum Cancer Risk (Risk per Million)	Chronic Non-Cancer Hazard Index	Acute Non-Cancer Hazard Index
Risks and Hazards at the MER—Tier 4 Interim Equipment Scenario			
Risks and Hazards at the MER	2.19	0.003	0.000
Risks and Hazards at the MER—Level 3 Filters Scenario			
Risks and Hazards at the MER	2.66	0.004	0.000
Highest Risks and Hazards at the MER after Incorporation of MM AIR-3			
Risks and Hazards at the MER	2.66	0.004	0.000
Significance Threshold	10	1	1
Threshold Exceeded in Any Scenario?	No	No	No
MER = Maximally Exposed Receptor The MER during the construction period was determined to be an existing residence located south of the project site at 38°39'42.3"N 121°26'13.6"W (Receptor #152). Source: Attachment B.			

As noted in Table 11, calculated health metrics from the proposed project's construction DPM emissions would not exceed the cancer risk significance threshold or non-cancer hazard index significance threshold at the MER with incorporation of MM AIR-3. Therefore, the proposed project would not result in a significant impact on nearby sensitive receptors from TACs during construction.

Operations

Operational DPM

The project is estimated to generate approximately 156 average daily weekday trips, including 11 daily warehouse heavy-duty truck trips (see Table 4). The proposed project would primarily generate trips associated with employees, customers, and visitors traveling to and from the project site.

DPM emissions were estimated for the project-generated truck trips using EMFAC 2021 to assess the project's potential to generate elevated levels of TACs from project heavy-duty truck trips. Sources included the following from project-generated heavy-duty diesel-fueled trucks: on-site idling, on-site medium-heavy duty and heavy-heavy duty truck travel (assessed at 5-15 mph) and localized off-site truck travel (assessed at 10-25 mph). Detailed assumptions are provided in Attachment B. AERMOD and HARP2 were then used to estimate health risks. The results of the operational HRA from project-generated sources of DPM during operations are summarized below, while the complete assessment is included as part of Attachment B. These health risk values were added to the project's health risk metrics from construction to determine the total combined value from project construction and operations in Table 12 below.

Table 12: Summary of the Health Impacts from Operations of the Proposed Project

Exposure Scenario	Maximum Cancer Risk (Risk per Million)	Chronic Non-Cancer Hazard Index	Acute Non-Cancer Hazard from Maximum Hourly Exposure
Exposure from Mitigated Construction	2.66	0.004	0.000
30-Year Exposure at the MER from Operational DPM	0.09	< 0.001	0.000
Total Exposure from Project Construction and Operations	2.75	0.004	0.000
Applicable Threshold of Significance	10	1	1
Exceeds Individual Source Threshold in Any Scenario?	No	No	No
Notes: MER = Maximally Exposed Receptor Source: Attachment B.			

As shown above in Table 12, the project calculated health metrics from the proposed project's operational emissions would not exceed the cancer risk significance threshold, non-cancer hazard index significance threshold, or acute non-cancer hazard at the MER. Therefore, the proposed project would not result in a significant impact on nearby sensitive receptors from project-generated TACs during operations.

Valley Fever

Valley fever, or coccidioidomycosis, is an infection caused by inhalation of the spores of the fungus, *Coccidioides immitis* (*C. immitis*). The spores live in soil and can live for an extended time in harsh environmental conditions. Activities or conditions that increase the amount of fugitive dust contribute to greater exposure, and they include dust storms, grading, and recreational off-road activities.

California experienced 7,517 new probable or confirmed cases of Valley fever in 2022.⁴ A total of 66 suspect, probable, and confirmed Valley fever cases were reported in Sacramento County in 2023.⁵

The distribution of *C. immitis* within endemic areas is not uniform and growth sites are commonly small (a few tens of meters) and widely scattered. Known sites appear to have some ecological factors in common suggesting that certain physical, chemical, and biological

⁴ Centers for Disease Control and Prevention (CDC). 2020. Regional Analysis of Coccidioidomycosis Incidence—California, 2000–2018. Website: https://www.cdc.gov/mmwr/volumes/69/wr/mm6948a4.htm?s_cid=mm6948a4_e. Accessed February 28, 2025.

⁵ California Department of Public Health (CDPH). 2021. Coccidioidomycosis in California Provisional Monthly Report January – April 2023 (as of April 30, 2023). Website: <https://www.cdph.ca.gov/Programs/CID/DCDCDPH%20Document%20Library/CocciinCAProvisionalMonthlyReport.pdf>. Accessed February 28, 2025.

conditions are more favorable for *C. immitis* growth. Avoidance, when possible, of sites favorable for the occurrence of *C. immitis* is a prudent risk management strategy. Listed below are ecologic factors and sites favorable for the occurrence of *C. immitis*:

- 1) Rodent burrows (often a favorable site for *C. immitis*, perhaps because temperatures are more moderate and humidity higher than on the ground surface)
- 2) Old (prehistoric) Indian campsites near fire pits
- 3) Areas with sparse vegetation and alkaline soils
- 4) Areas with high salinity soils
- 5) Areas adjacent to arroyos (where residual moisture may be available)
- 6) Packrat middens
- 7) Upper 30 centimeters of the soil horizon, especially in virgin undisturbed soils
- 8) Sandy, well-aerated soil with relatively high water-holding capacities

Sites within endemic areas less favorable for the occurrence of *C. immitis* include:

- 1) Cultivated fields
- 2) Heavily vegetated areas (e.g., grassy lawns)
- 3) Higher elevations (above 7,000 feet)
- 4) Areas where commercial fertilizers (e.g., ammonium sulfate) have been applied
- 5) Areas that are continually wet
- 6) Paved (asphalt or concrete) or oiled areas
- 7) Soils containing abundant microorganisms
- 8) Heavily urbanized areas where there is little undisturbed virgin soil.⁶

The project is situated on a site previously disturbed that does not provide a suitable habitat for spores. Specifically, the project site has been previously disturbed and has previously been tilled. Therefore, development of the proposed project would have a lower probability of the site having *C. immitis* growth sites than if the site had been previously undisturbed.

Although conditions are not favorable, construction activities could generate fugitive dust that contain *C. immitis* spores. The project will minimize the generation of fugitive dust during construction activities by complying with MM AIR-1, which will ensure compliance with SMAQMD Rule 403. Therefore, this regulation, combined with the relatively low probability of the presence of *C. immitis* spores would reduce Valley fever impacts to less than significant.

⁶ United States Geological Survey (USGS). 2000. Operational Guidelines (Version 1.0) for Geological Fieldwork in Areas Endemic for Coccidioidomycosis (Valley Fever), 2000, Open-File Report 2000-348. Website: <https://pubs.usgs.gov/of/2000/0348/pdf/of00-348.pdf>. Accessed February 28, 2025.

During operations, dust emissions are anticipated to be relatively small because most of the project area where operational activities would occur would be occupied by the proposed buildings, landscaping, and pavement associated with the proposed Preferred Pump Warehouse and Distribution Center project. Notably, all internal travel areas would be paved. This condition would lessen the possibility of the project from providing habitat suitable for *C. immitis* spores and for generating fugitive dust that may contribute to Valley fever exposure. Impacts would be less than significant with the incorporation of MM AIR-1.

Naturally Occurring Asbestos

Review of the map of areas where naturally occurring asbestos in California are likely to occur found no such areas in the immediate project area. Therefore, the development of the project is not anticipated to expose receptors to naturally occurring asbestos.⁷ Impacts would be less than significant.

Localized Concentrations of CO

The majority of CO emissions would be from mobile sources, such as passenger vehicles driven by customers and employees to access the project site and visiting heavy-duty trucks. Localized high levels of CO are associated with traffic congestion and idling or slow-moving vehicles. A CO hotspot represents a condition wherein high concentrations of CO may be produced by motor vehicles accessing a congested traffic intersection under heavy traffic volume conditions. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when idling at intersections. Accordingly, vehicle emissions standards have become increasingly more stringent to help remedy this impact.

The analysis prepared for CO attainment in the South Coast Air Basin (SoCAB) by the South Coast Air Quality Management District (SCAQMD) has been used to assist in evaluating potential for CO exceedances in other air basins. Although the SoCAB and the SCAQMD would not be the applicable air basin or air district for the project, applying this guidance is appropriate in this analysis because CO exceedances are caused by idling vehicles and regardless of air district. For example, any project-generated vehicles trips would result in idling of passenger vehicles or trucks at the project site and on adjacent roadways that could lead to a CO exceedance. The CO hotspot analysis contained in the SCAQMD 1992 CO Plan is used to determine potential CO hotspot impacts from the proposed project, because by using the 1992 CO Plan as a worst-case scenario, the proposed project can measure CO impacts against intersections that experienced significantly more vehicle traffic than adjacent to the proposed project. The 1992 CO Plan is used a worst-case scenario because it included a CO hot spot analysis for four busy intersections in Los Angeles at the peak morning and afternoon time periods. The intersections evaluated included Long Beach Boulevard and Imperial Highway (Lynwood); Wilshire Boulevard and Veteran Avenue (Westwood); Sunset Boulevard and Highland Avenue (Hollywood); and La Cienega Boulevard and Century Boulevard (Inglewood). The busiest intersection evaluated was that at Wilshire Boulevard and Veteran Avenue, which has a daily traffic volume of approximately 100,000 vehicles per day. Subsequently the CO Plan

⁷ U.S. Geological Survey. 2011. Van Gosen, B.S., and Clinkenbeard, J.P. California Geological Survey Map Sheet 59. Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California. Open-File Report 2011-1188 Website: <https://pubs.usgs.gov/of/2011/1188/>. Accessed February 28, 2025.

determined that no CO hotspot would occur even with 100,000 vehicles per day at this one intersection.

The project is estimated to generate approximately 156 average daily weekday trips, including 11 daily warehouse heavy-duty truck trips (see Table 4). The traffic volumes at intersections in the study area around the project are lower than what was analyzed in the 1992 CO Plan. Therefore, none of the intersections near the project site would have peak-hour traffic volumes exceeding those at the intersections modeled in the 1992 CO Plan, nor would there be any reason unique to the local meteorology to conclude that this intersection would yield higher CO concentrations if modeled in detail because the project site is not located in an area where air flow would be severely restricted, such as a tunnel or canyon. In conclusion, the addition of the proposed project's daily trips would not generate a CO hotspot at local intersections and operational CO impact would be less than significant.

Impact Analysis Summary

The project is not a significant source of TAC emissions during construction or operations after incorporation of MM AIR-3. The project is not in an area with suitable habitat for Valley fever spores after incorporation of MM AIR-1 and is not in an area known to have naturally occurring asbestos. In addition, the project would not result in a CO hotspot. Therefore, the project would not result in significant impacts to sensitive receptors with incorporation of mitigation.

Level of Significance Before Mitigation

Potentially significant impact.

Mitigation Measures

Implement Mitigation Measure AIR-1 (see Impact Air-1) and Mitigation Measure AIR-3 below:

MM AIR-3 Before a construction permit is issued for the proposed project, the project applicant, project sponsor, or construction contractor shall submit documentation demonstrating reasonably detailed compliance with the following requirements to the City of Sacramento:

- Prior to the issuance of any grading or building permits (whichever occurs earliest), the project applicant and/or construction contractor shall prepare a construction operations plan that, during construction activities, requires all off-road equipment with engines greater than 75 horsepower to meet either the particulate matter emissions standards for Tier 4 Interim engines or be equipped with Level 3 diesel particulate filters. Tier 4 Interim engines shall, at a minimum, meet EPA or CARB particulate matter emissions standards for Tier 4 Interim engines. Alternatively, use of CARB-certified Level 3 diesel particulate filters on off-road equipment with engines greater than 50 horsepower can be used in lieu of Tier 4 Interim engines or in combination with Tier 4 Interim or better engines. The construction contractor shall maintain records documenting its efforts to comply with this requirement, including equipment lists. Off-road equipment descriptions and information shall include, but are not limited to, equipment type, equipment manufacturer, equipment identification

number, engine model year, engine certification (Tier rating), horsepower, and engine serial number. The project applicant and/or construction contractor shall submit the construction operations plan and records of compliance to the City of Sacramento.

Impact AIR-4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Impact Analysis

Two situations create a potential for odor impact. The first occurs when a new odor source is located near an existing sensitive receptor. The second occurs when a new sensitive receptor locates near an existing source of odor. According to the *CBIA v. BAAQMD* ruling, impacts of existing sources of odors on the project are not subject to CEQA review. Therefore, the analysis to determine if the project would locate new sensitive receptors near an existing source of odor is not used to determine significance for this impact.

Odor impacts on residential areas and other sensitive receptors, such as hospitals, day-care centers, schools, etc. warrant the closest scrutiny, but consideration should also be given to other land uses where people may congregate, such as recreational facilities, worksites, and commercial areas.

The occurrence and severity of odor impacts depend on numerous factors, including the nature, frequency, and intensity of the source; wind speed and direction; and the presence of sensitive receptors. Although offensive odors rarely cause any physical harm, they still can be very unpleasant, leading to considerable distress and often generating citizen complaints to local governments and regulatory agencies. Although the project site is approximately 20 feet (less than one mile) from the nearest sensitive receptor, the project is not expected to be a significant source of odors. The project's potential to result in odors adversely affecting a substantial number of people during the construction and operational phases is discussed below.

Project Construction

Construction activities associated with the proposed project could result in short-term odorous emissions from diesel exhaust associated with construction equipment. However, these emissions would be intermittent and would dissipate rapidly from the source. In addition, this diesel-powered equipment would only be present onsite temporarily during construction activities. The temporary and intermittent nature of construction activities would decrease the likelihood of the odors concentrating in a single area or lingering for any notable period of time. As such, these odors would likely not be noticeable for extended periods of time beyond the project's site boundaries. Therefore, construction would not create objectionable odors affecting a substantial number of people from use of diesel-powered equipment.

Project Operation

Per the SMAQMD CEQA Guide, typical land uses which could generate significant odor impacts include wastewater treatment plants, sanitary landfills, composting/green waste facilities, recycling facilities, petroleum refineries, chemical manufacturing plants, painting/coating

operations, rendering plants, and food packaging plants. Project operations include the assembly of pumps using ready-to-use components. Apart from assembly, other common tasks will include shipping and receiving, as well as associated administrative efforts such as purchasing, sales order processing, and general administrative duties. Project operations would not be anticipated to produce odorous emissions, as the project would not be considered an odor generator based on these land uses.

Summary

As there would not be conditions under which the project would have the potential to expose a substantial number of people to odors emitted from construction or operations of the project, and the impact would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

GREENHOUSE GASES

Environmental Setting

Greenhouse Gases

Greenhouse gases and climate change are cumulative global issues. The CARB and EPA regulate GHG emissions within the State of California and the U.S., respectively. Meanwhile, the CARB has the primary regulatory responsibility within California for GHG emissions. Local agencies can also adopt policies for GHG emission reduction.

Many chemical compounds in the Earth's atmosphere act as GHGs as they absorb and emit radiation within the thermal infrared range. When radiation from the sun reaches the Earth's surface, some of it is reflected into the atmosphere as infrared radiation (heat). Greenhouse gases absorb this infrared radiation and trap the heat in the atmosphere. Over time, the amount of energy from the sun to the Earth's surface should be approximately equal to the amount of energy radiated back into space, leaving the temperature of the earth's surface roughly constant. Many gases exhibit these "greenhouse" properties. Some of them occur in nature (water vapor, carbon dioxide [CO₂], methane [CH₄], and nitrous oxide [N₂O]), while others are exclusively human made (like gases used for aerosols).

The principal climate change gases resulting from human activity that enter and accumulate in the atmosphere are listed below.

Carbon Dioxide

Carbon dioxide enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and chemical reactions (e.g., the manufacture of cement). Carbon dioxide is also removed from the atmosphere (or "sequestered") when it is absorbed by plants as part of the biological carbon cycle.

Methane

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

Nitrous Oxide

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

Fluorinated Gases

Hydrofluorocarbons, perfluorinated chemicals, and sulfur hexafluoride are synthetic, powerful climate-change gases that are emitted from a variety of industrial processes. Fluorinated gases are often used as substitutes for ozone-depleting substances (i.e., chlorofluorocarbons, hydrochlorofluorocarbons, and halons). These gases are typically emitted in smaller quantities, but because they are potent climate-change gases, they are sometimes referred to as high global warming potential gases.

Emissions Inventories and Trends

According to the CARB's recent GHG inventory for the State, released 2021, California produced 418.2 million metric tons of carbon dioxide equivalent (MMTCO₂e) in 2019. The major source of GHGs in California is transportation, contributing approximately 39.7 percent of the state's total GHG emissions in 2019.⁸ This puts total emissions at 12.8 MMTCO₂e below the 2020 target of 431 million metric tons. California statewide GHG emissions dropped below the 2020 GHG limit in 2016 and have remained below the 2020 GHG limit since then.

Potential Environmental Impacts

For California, climate change in the form of warming has the potential to incur and exacerbate environmental impacts, including but not limited to changes to precipitation and runoff patterns, increased agricultural demand for water, inundation of low-lying coastal areas by sea-level rise, and increased incidents and severity of wildfire events.⁹ Cooling of the climate may have the opposite effects. Although certain environmental effects are widely accepted to be a potential hazard to certain locations, such as rising sea level for low-lying coastal areas, it is currently infeasible to predict all environmental effects of climate change on any one location.

Emissions of GHGs contributing to global climate change are attributable in large part to human activities associated with the industrial and manufacturing, utility, transportation, residential, and agricultural sectors. Therefore, the cumulative global emissions of GHGs contributing to global climate change can be attributed to every nation, region, and city, and virtually every individual on Earth. A project's GHG emissions are at a micro-scale relative to global emissions but could result in a cumulatively considerable incremental contribution to a significant cumulative macro-scale impact.

Regulatory Requirements

California has adopted statewide legislation addressing various aspects of climate change and GHG emissions mitigation. Much of this legislation establishes a broad framework for the state's long-term GHG reduction and climate change adaptation program. The governor has also issued several executive orders (EOs) related to the state's evolving climate change policy. Of particular importance are AB 32 and SB 32, which outline the state's GHG reduction goals of achieving 1990 emissions levels by 2020 and a 40 percent reduction below 1990 emissions levels by 2030.

In the absence of federal regulations, control of GHGs is generally regulated at the state level and is typically approached by setting emission reduction targets for existing sources of GHGs, setting policies to promote renewable energy and increase energy efficiency, and developing statewide action plans.

⁸ California Air Resources Board (CARB). 2021. California Greenhouse Gas Emissions for 2000 to 2019. Website: https://www3.arb.ca.gov/cc/inventory/pubs/reports/2000_2019/ghg_inventory_trends_00-19.pdf. Accessed: December 4, 2023.

⁹ Moser et al. 2009. Moser, Susie, Guido Franco, Sarah Pittiglio, Wendy Chou, Dan Cayan. 2009. The Future Is Now: An Update on Climate Change Science Impacts and Response Options for California. Website: http://www.susannemoser.com/documents/CEC-500-2008-071_Moseretal_FutureisNow.pdf. Accessed December 4, 2023.

CEQA Guidelines

The CEQA Guidelines define a significant effect on the environment as “a substantial, or potentially substantial, adverse change in the environment.” To determine if a project would have a significant impact on GHGs, the type, level, and impact of emissions generated by the project must be evaluated.

The following GHG significance thresholds are contained in Appendix G of the CEQA Guidelines, which were amendments adopted into the Guidelines on March 18, 2010, pursuant to SB 97. A significant impact would occur if the project would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or
- Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs.

Thresholds of Significance

Project-level Thresholds

Section 15064.4(b) of the CEQA Guidelines’ amendments for GHG emissions states that a lead agency may take into account the following three considerations in assessing the significance of impacts from GHG emissions.

- Consideration #1: The extent to which the project may increase or reduce GHG emissions as compared to the existing environmental setting.
- Consideration #2: Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.
- Consideration #3: The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions. Such regulations or requirements must be adopted by the relevant public agency through a public review process and must include specific requirements that reduce or mitigate the project’s incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding compliance with the adopted regulations or requirements, an Environmental Impact Report (EIR) must be prepared for the project.

Newhall Ranch

In the California Supreme Court decision in the *Center for Biological Diversity et al. vs. California Department of Fish and Wildlife, the Newhall Land and Farming Company* (62 Cal.4th 204 [2015], and known as the Newhall Ranch decision), the Supreme Court was concerned that new development may need to reduce GHG emissions more than existing development to demonstrate it is meeting its fair share of reductions. New development does more than its fair share through compliance with enhanced regulations, particularly with respect to motor vehicles, energy efficiency, and electricity generation. If no additional reductions are required from an individual project beyond that achieved by regulations, then the amount needed to reach the

2020 target is the amount of GHG emissions a project must reduce to comply with Statewide goals.

The State's regulatory program implementing the 2008 Scoping Plan is now fully mature. All regulations envisioned in the Scoping Plan have been adopted by the responsible agencies and the effectiveness of those regulations have been estimated by the agencies during the adoption process and then are tracked to verify their effectiveness after implementation. The Governor Brown, in the introduction to Executive Order B-30-15, states "California is on track to meet or exceed the current target of reducing greenhouse gas emissions to 1990 levels by 2020, as established in the California Global Warming Solutions Act of 2006 (AB 32)." The progress was evident in emission inventories prepared by CARB, which showed that the State inventory dropped below 1990 levels for the first time in 2016.¹⁰ The State projects that it will meet the 2020 target and achieve continued progress towards meeting the 2017 Scoping Plan target for 2030.¹¹ CARB adopted the 2022 Scoping Plan on December 16, 2022 that addresses long-term GHG goals set forth by AB 1279.¹² The 2022 Scoping Plan outlines the State's pathway to achieve carbon neutrality and an 85 percent reduction in 1990 emissions goal by 2045. In the 2022 Scoping Plan, CARB advocates for compliance with a local GHG reduction strategy consistent with CEQA Guidelines section 15183.5.

GHG Thresholds Applied in the Analysis

SMAQMD's published guidance to address GHGs was released in February 2021. In its guidance, SMAQMD recommends that 1,100 metric tons of CO₂ equivalent per year (MTCO₂e/year) be applied as a bright-line threshold of significance for evaluating construction emissions of GHGs. SMAQMD also recommends a tiered approach to evaluate the significance of operational emissions. All projects utilizing air district thresholds are required to implement the following Tier 1 BMPs:

- BMP 1 – Projects shall be designed and constructed without natural gas infrastructure.
- BMP 2 – Projects shall meet the current CalGreen Tier 2 standards, except all EV capable spaces shall instead be EV ready.

The City has adopted a Climate Action and Adaptation Plan (see below) that provides project streamlining for GHG emissions pursuant to CEQA Guidelines section 15183.5. The City coordinates with the SMAQMD in achieving GHG emission reductions.

Environmental Impact Analysis

This section discusses potential impacts related to GHGs associated with the proposed project and provides mitigation measures where necessary.

¹⁰ California Air Resources Board (CARB). 2018. Climate Pollutants Fall Below 1990 Levels for the First Time. Website: <https://ww2.arb.ca.gov/news/climate-pollutants-fall-below-1990-levelsfirst-time>. Accessed December 4, 2023.

¹¹ California Air Resources Board (CARB). 2017. The 2017 Climate Change Scoping Plan Update, the Proposed Strategy for Achieving California's 2030 Greenhouse Gas Target. January 17, 2017. Website: https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf. Accessed December 4, 2023.

¹² The Final 2022 Scoping Plan was released on November 16, 2022 and adopted by CARB in December 2022.

Impact GHG-1 Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Impact Analysis

The proposed project may contribute to climate change impacts through its contribution of GHGs. The proposed project would generate a variety of GHGs during construction and operations, including several defined by AB 32, such as CO₂, CH₄, and N₂O from the exhaust of equipment during construction and on-road vehicle trips during construction and operations.

The project's GHG emissions are detailed below and compared to the applicable SMAQMD-adopted thresholds.

Quantification of Greenhouse Gas Emissions

Construction Emissions

Construction emissions would be generated from the exhaust of construction equipment, material delivery trips, haul truck trips, and worker commuter trips. Detailed construction assumptions are provided in Modeling Parameters and Assumptions section of this technical memorandum. Construction-generated GHGs were quantified and are disclosed in Attachment A. MTCO₂e emissions during construction of the project are summarized below. Table 13 presents the project's total construction-related GHG emissions and compares the annual emissions in each year to the SMAQMD-adopted threshold of 1,100 MTCO₂e per year.

Table 13: Construction Greenhouse Gas Emissions

Project Construction (2025-2026)	MTCO₂e per Year
Annual Project Construction (2025)	241
Annual Project Construction (2026)	8
Maximum Annual Construction Emissions	241
SMAQMD Threshold of Significance	1,100
Significance Threshold Exceeded?	No
Notes: MTCO ₂ e = metric tons of carbon dioxide equivalent Source: CalEEMod Output (Attachment A).	

During the construction of the proposed project, approximately 249 MTCO₂e would be emitted, with 241 MTCO₂e expected in the highest emitting year. As shown in Table 13, the GHG emissions are below 1,100 MT CO₂e in each construction year. Therefore, construction-related GHG emissions would be less than significant.

Operational Emissions (Provided for Informational Purposes)

Operational or long-term emissions occur over the life of the project. The operational emissions for the proposed project are shown in Table 14. Major sources for operational emissions include the following:

- **Motor Vehicles:** These emissions refer to GHG emissions contained in the exhaust from the cars and trucks that would travel to and from the project site. The project is estimated to generate approximately 156 average daily weekday trips, including 11 daily warehouse heavy-duty truck trips (see Table 4).
- **Natural Gas:** These emissions refer to the GHG emissions that occur when natural gas is burned on the project site. Typical natural gas uses include heating water, space heating, dryers, and stoves. As the project would be built as an all-electric development, no natural gas would be used.
- **Indirect Electricity:** These emissions refer to those generated by offsite power plants to supply electricity required for the project.
- **Water Transport:** These emissions refer to those generated by the electricity required to transport and treat the water to be used on the project site.
- **Waste:** These emissions refer to the GHG emissions produced by decomposing waste generated by the project.

Detailed modeling results and more information regarding assumptions used to estimate emissions are provided in Attachment A. Operational emissions are shown in Table 14.

Table 14: Operational Greenhouse Gas Emissions for Project Buildout

Source Category	Project Total Buildout Year (MTCO ₂ e/year)
Area	1
Energy Consumption	132
Mobile (On-road Vehicles)	422
Water Usage	11
Solid Waste Generation	14
Refrigerants	< 1
Total Operational Emissions	580
Notes: MTCO ₂ e = metric tons of carbon dioxide equivalent Source: CalEEMod Output (Attachment A).	

As shown in Table 14, the project's unmitigated annual operational would generate approximately 580 MTCO₂e per year. As previously noted, the project's estimated emissions were estimated for disclosure purposes. However, significance for GHG emissions is analyzed by assessing the project's compliance with the City's Climate Action and Adaptation Plan (CAAP).

Project Consistency with the Sacramento CAAP

The following analysis assesses the proposed project's compliance with Consideration No. 3 regarding consistency with adopted plans to reduce GHG emissions. As stated above under "Thresholds of Significance," Section 15064.4[b] of the State CEQA Guidelines allows lead agencies to utilize GHG reduction plans as a threshold to determine a project's GHG-related

impacts. Typically, this is done by comparing a project's design features to the GHG reduction measures included in the GHG reduction plan. Therefore, this analysis compares the project to the GHG reduction measures included in the City's CAAP. The project's consistency with the CAAP's GHG reduction measures is discussed in Table 15 below.

Table 15: City of Sacramento CAAP Consistency

CAAP GHG Reduction Measure	Project Consistency
Built Environment	
E1. Support the Sacramento Municipal Utility District (SMUD) as it implements the 2030 Zero Carbon Plan.	Not Applicable. This measure is implemented by SMUD and by the City and is not applicable at the development project level.
E2. Eliminate natural gas in new construction.	Consistent. The project would be built as an all-electric development and would not utilize natural gas.
E-3. Transition natural gas in existing buildings to carbon-free electricity by 2045.	Not Applicable. The project does not include any existing buildings.
E-4. Increase the amount of electricity produced from local resources and work with SMUD to install additional local storage by 2030.	Consistent. This measure is primarily implemented by SMUD. The project would support this measure by installing infrastructure to support photovoltaic electricity generation (solar panels) in accordance with the applicable 2022 Title 24 building energy efficiency regulations.
E-5. Support infill growth with the goal that 90 percent of growth is in the established communities and center/corridor communities and 90 percent small lot and attached homes by 2040, consistent with the regional Sustainable Communities Strategy.	Consistent. The project would result in minimal employment growth and would not result in population growth in the City. The project would be considered infill and would develop a vacant lot within an area adjacent to existing commercial/industrial land uses. In addition, the project's VMT would be considered less than significant (see the Transportation section of the CEQA document for the proposed project).
Mobility	
TR-1. Improve active transportation infrastructure to achieve 6 percent active transportation mode share by 2030 and 12 percent by 2045	Consistent. This measure is primarily implemented at the City level. The project would support this measure by complying with all City requirements and improvements to the project frontage.
TR-2. Support public transit improvements to achieve 11 percent public transit mode share by 2030 and maintain through 2045.	Not Applicable. This measure is implemented by the Sacramento Regional Transit District and the City and is not applicable at the development project level.
TR-3. Achieve zero-emission vehicle (ZEV) adoption rates of 28 percent for passenger vehicles and 22 percent for commercial vehicles by 2030 and 100 percent for all vehicles by 2045.	Consistent. This measure is primarily implemented at the State and City level. The project would support this measure by complying with all applicable City codes and CALGreen requirements for private, non-residential development electric vehicle charging infrastructure.
Waste	
W-1. Work to reduce organic waste disposal 75 percent below 2014 levels by 2025.	Consistent. This measure is primarily implemented at the State and City level. The project would support this measure by complying with all applicable City and State

CAAP GHG Reduction Measure	Project Consistency
	regulations to divert organic waste, including landscape maintenance vegetation waste.
Water and Wastewater	
WW-1. Reduce water utility emissions (in MTCO ₂ e per MG) by 100 percent by 2030 and maintain that through 2045.	Consistent. This measure is primarily implemented at the utility provider and City level. The project would support this measure by complying with all applicable City and CALGreen requirements for low-flow plumbing fixtures and water efficient landscaping.
WW-2. Reduce wastewater emissions by 22 percent by 2030 and 40 percent by 2045.	Consistent. This measure is primarily implemented by the Sacramento Regional Sanitation District. The project would support this measure by complying with City and CALGreen indoor water use efficiency requirements. In addition, the project would support this measure by installing a bioretention basin on the project site, which will reduce stormwater runoff.
Carbon Sequestration	
CS-1. Increase urban tree canopy cover to 25 percent by 2030 and 35 percent by 2045.	Consistent. The project site is sparsely vegetated. The proposed project would include landscaping, consistent with City standards.
Source of GHG Reduction Measures: City of Sacramento. 2024. City of Sacramento Climate Action and Adaptation Plan (CAAP). Website: https://www.cityofsacramento.gov/content/dam/portal/cdd/Planning/adopted-2040-general-plan/R2024-0067%20Adopting%20and%20Implementing%20the%20Sacramento%20Climate%20Action%20and%20Adaptation%20Plan.pdf . Accessed February 2025.	

As noted in Table 15, the project would be consistent with all of the applicable CAAP GHG reduction measures. Therefore, the project would not result in GHG gas emissions, either directly or indirectly, that may have a significant impact on the environment during operations of the project. In addition, as demonstrated in Table 13, the project would not result in a significant impact during the construction period. The project's impact regarding its potential to generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

Impact GHG-2 Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Impact Analysis

The following analysis assesses the proposed project's compliance with Consideration No. 3 regarding consistency with adopted plans to reduce GHG emissions. The proposed project is assessed for its consistency with the City's CAAP and CARB's adopted 2022 Scoping Plan.

Project Consistency with the Sacramento CAAP

The analysis contained above under Impact GHG-1 the project's consistency with the Sacramento CAAP. As detailed in Table 15, the project would be consistent with all of the applicable CAAP GHG reduction measures. As such, the project would not conflict with the Sacramento CAAP and would not result in a significant impact.

Project Consistency with the 2022 Scoping Plan

Regarding goals for 2050 under Executive Order S-3-05, at this time it is not possible to quantify the emissions savings from future regulatory measures, as they have not yet been developed; nevertheless, it can be anticipated that operation of the proposed project would comply with whatever measures are enacted that State lawmakers decide would lead to an 80 percent reduction below 1990 levels by 2050. Specifically, the measures will be implemented through regulations as the regulatory initiatives identified by CARB in the 2022 Scoping Plan are implemented; see key actions to support the success of the 2022 Scoping Plan below. In its 2008 Scoping Plan, CARB acknowledged that the "measures needed to meet the 2050 are too far in the future to define in detail." In the First Scoping Plan Update; however, CARB generally described the type of activities required to achieve the 2050 target: "energy demand reduction through efficiency and activity changes; large scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and rapid market penetration of efficiency and clean energy technologies that requires significant efforts to deploy and scale markets for the cleanest technologies immediately." The 2017 Scoping Plan provides an intermediate target that is intended to achieve reasonable progress toward the 2050 target. In addition, the 2022 Scoping Plan outlines objectives, regulations, planning efforts, and investments in clean technologies and infrastructure that outlines how the State can achieve carbon-neutrality by 2045.

CARB's 2022 Scoping Plan for Achieving Carbon Neutrality was approved in December 2022 and expands on prior Scoping Plans and legislations-such as AB 1279-by outlining a technologically feasible, cost-effective, and equity-focused path to achieve the State's climate target of reducing anthropogenic GHG emissions to 85 percent below 1990 levels and achieving carbon neutrality by 2045 or earlier.¹³ The 2022 Scoping Plan has a two-prong approach to decarbonization: (1) managing existing energy sources and technology and (2) developing and

¹³ California Air Resources Board (ARB). 2022. Final 2022 Scoping Plan Update and Appendices. December. Website: <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents>. Accessed February 2025.

deploying alternative clean energy sources and technology over time.¹⁴ Key actions to support success of the 2022 Scoping Plan include, but are not limited to, reductions in the energy and transportation sectors:

- **Energy Sector:** Long-term planning to support grid reliability and expansion of renewable and zero-carbon resource and infrastructure deployment; completing systemwide and local reliability assessments; facilitating resource development such as long-duration energy storage and hydrogen production; maximizing opportunities for demand response; enhancing decarbonization, reliability, and affordability in regional markets; addressing resource build-out challenges; and doubling statewide energy efficiency savings in electricity and fossil gas end uses by 2030; achieving 90 percent, 95 percent, and 100 percent renewable and zero-carbon retail sales by 2035, 2040, and 2045, respectively
- **Transportation Sector:**
 - Decarbonizing the transportation sector, including transitioning to 100 percent sales of light-duty zero emission vehicles (ZEVs) by 2035 and medium- and heavy-duty vehicles by 2040; achieving a 20 percent zero emission target for the aviation sector, and developing a rapid and robust network of ZEV refueling infrastructure.
 - Ensuring that an adequate supply of zero-carbon alternative fuel which will require building the production and distribution network for zero-carbon fuels; strengthening the Cap-and-Trade Program; and increasing the stringency and scope of the Low Carbon Fuel Standard (LCFS).
 - Achieving a per capita VMT reduction of at least 25 percent below 2019 levels by 2030 and 30 percent below 2019 levels by 2045 by reimagining roadway projects to decrease VMT, investing in public transit, implementing equitable roadway pricing; expanding and completing planned networks of high-quality active transportation infrastructure; deploying autonomous vehicles, ride-hailing services, and other options which have higher occupancy and low VMT; streamlining access to public transportation; and ensuring alignment of land use, housing, transportation; conservation and planning in adopted regional plans and accelerating infill development and housing production in transportation efficient places.

To achieve carbon neutrality by 2045, the 2022 Scoping Plan contains GHG reductions, technology, and clean energy mandated by statutes, reduction of short-lived climate pollutants, and mechanical carbon dioxide capture and sequestration actions. Table 16 contains a list of key GHG emission reduction actions and strategies from the 2022 Scoping Plan and assesses the project's consistency with these actions and strategies.

¹⁴ California Air Resources Board (CARB). 2022. 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan). Website: <https://ww2.arb.ca.gov/resources/documents/2022-scoping-plan-documents>. Accessed February 2025.

Table 16: Project Consistency with 2022 Scoping Plan

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
Transportation Technology • Achieve 100 percent ZEV sales of light duty vehicles by 2035 and medium heavy-duty vehicles by 2040. • Achieve 20 percent zero-emission target for the aviation sector. • Develop a rapid and robust network of ZEV refueling infrastructure to support needed transition to ZEVs. • Ensure that the transition of ZEV technology is affordable for low-income households and communities of color and meets the needs of communities and small business. • Prioritize incentive funding for heavy-duty ZEV technology deployment in regions of the state with the highest concentrations of harmful criteria and toxic air contaminant emissions. • Promote private investment in the transition to ZEV technology, undergirded by regulatory certainty such as infrastructure credits in the Low Carbon Fuel Standard for hydrogen and electricity and hydrogen station grants from the CEC's Clean Transportation Program pursuant to Executive Order B-48-18. • Evaluate and continue to offer incentives similar to those through FARMER, Carl Moyer, the Clean Fuel Reward Program, the Community Air Protection Program, the Low Carbon Transportation, including CORE. Where feasible, prioritize and increase funding for clean transportation equity programs. • Continue and accelerate funding support for zero emission vehicles and refueling infrastructure through 2030 to ensure the rapid transformation of the transportation sector.	State agencies and local agencies	No Conflict: Vehicles must transition to zero-emission technology to decarbonize the transportation sector. Executive Order N-79-20 reflects the urgency of transitioning to zero emission vehicles (ZEVs) by establishing target dates for reaching 100 percent ZEV sales or fleet transitions to ZEV technology. EO N-79-20 calls for 100 percent ZEV sales of new light-duty vehicles by 2035. The Advanced Clean Cars II regulation fulfills this goal and serves as the primary mechanism to help deploy ZEVs. A number of existing incentive programs also support this transition, including the Clean Cars 4 All Program. EO N-79-20 also sets targets for transitioning the medium- and heavy-duty fleet to zero emissions: by 2035 for drayage trucks and by 2045 for buses and heavy-duty long-haul trucks where feasible. Replacing heavy-duty vehicles with ZEV technology will substantially reduce GHG emissions and diesel PM emissions in communities adjacent to ports, distribution centers, and highways. EO N-79-20 sets an off-road equipment target of transitioning the entire fleet to ZEV technology by 2035, where feasible. There are a number of funding sources available to support this transition, including FARMER, Carl Moyer, and Community Air Protection Incentives; as well as Low Carbon Transportation Incentives, including the Clean Off-Road Equipment program. Refueling infrastructure is a crucial component of transforming transportation technology. Electric vehicle chargers and hydrogen refueling stations must become easily accessible for all drivers to support a wholesale transition to ZEV technology. Deployment of ZEV refueling infrastructure is currently supported by a number of existing State public funding mechanisms. Intrastate aviation relies on internal combustion engine technology today, but battery-electric and hydrogen fuel cell aviation applications are in development, along with sustainable aviation fuel. GHG emissions generated by project-related passenger and truck vehicle travel would benefit from the above regulations and programs, and mobile source emissions generated by the proposed project would be reduced as automobiles and truck fleets are transitioned to ZEV technology. Additionally, the project would include EV charging infrastructure in accordance with regulations which would support the transition to EV technology. Thus, the project would

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
		not conflict with actions under the transportation technology sector.
Transportation Fuels • Accelerate the reduction and replacement of fossil fuel production and consumption in California. • Incentivize private investment in new zero-carbon fuel production in California. • Incentivize the transition of existing fuel production and distribution assets to support deployment of low- and zero-carbon fuels while protecting public health and the environment. • Invest in the infrastructure to support reliable refueling for transportation such as electricity and hydrogen refueling. • Evaluate and propose, as needed, changes to strengthen the Cap-and-Trade Program. • Initiate a public process focused on options to increase the stringency and scope of the LCFS: - Evaluate and propose accelerated carbon intensity targets pre-2030 for LCFS. - Evaluate and propose further declines in LCFS post-2030 carbon intensity targets to align with this 2022 Scoping Plan. - Consider integrating opt-in sectors into the program. - Provide capacity credits for hydrogen and electricity for heavy-duty fueling. • Monitor for and ensure that raw materials used to produce low-carbon fuels or technologies do not result in unintended consequences.	State agencies and local agencies	No Conflict: Mobile source emissions generated by the project would be reduced with implementation of the wider use of zero-carbon fuels consistent with reduction of GHG emissions under AB 1279. Additionally, (as applicable) the project would utilize energy efficiency appliances and equipment and will meet the applicable energy standards in the Title 24 Building Energy Efficiency Standards and CALGreen Code, which will limit the amount of fossil fuel use and GHG emissions. The project would comply with local building codes and incorporating paved areas and landscaping. Considering the relevant actions and strategies require action by the state and local agencies, project consistency is determined by assessing whether the project would conflict with the actions needed in the transportation fuels sector. As supported by the information provided above, the project would not conflict with actions in the transportation fuels sector.
Vehicles Miles Traveled • Achieve a per capita VMT reduction of at least 25 percent below 2019 levels by 2030 and 30 percent below 2019 levels by 2045. • Reimagine new roadway projects that decrease VMT in a way that meets community needs and reduces the need to drive. • Invest in making public transit a viable alternative to driving by increasing affordability, reliability, coverage, service frequency, and consumer experience. • Implement equitable roadway pricing strategies based on local context and need, reallocating revenues to improve transit, bicycling, and other sustainable transportation choices. • Expand and complete planned networks of high-quality active transportation infrastructure. • Channel the deployment of autonomous vehicles, ride-hailing services, and other new mobility options toward high passenger-occupancy and low VMT-impact service models that complement transit and ensure equitable access or priority populations.	State agencies and local agencies	No Conflict: VMT reductions will play a crucial role in reducing overall transportation energy demand and achieving California’s climate, air quality, and equity goals. CARB did not set regulatory limits on VMT in the 2022 Scoping Plan because the authority to reduce VMT largely lies with state, regional, and local transportation, land use, and housing agencies, along with the Legislature and its budgeting choices. The project-specific traffic analysis summarized in the Transportation section of the CEQA document prepared for the proposed project, the project would not result in significant VMT impact. As the project would not result in a significant VMT impact, the project would not conflict with actions in the vehicle miles traveled sector.

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
- Streamline access to public transportation through programs such as the California Integrated Travel Project. - Ensure alignment of land use, housing, transportation, and conservation planning in adopted regional plans and local plans (e.g., general plans, zoning, and local transportation plans), and develop tools to support implementation of these plans. - Accelerate infill development and housing production at all affordability levels in transportation-efficient places, with a focus on housing for lower income residents.		
Clean Electricity Grid - Per SB 350, double statewide energy efficiency savings in electricity and fossil gas end uses by 2030, through a combination of energy efficiency and fuel substitution actions. - Use long-term planning processes to support grid reliability and expansion of renewable and zero-carbon resource and infrastructure deployment. - Complete systemwide and local reliability assessments. Such assessments should be completed before state agencies update their electricity sector GHG targets. - Prioritize actions to mitigate impacts to electricity reliability and affordability and provide sufficient flexibility in the state's decarbonization roadmap for adjustments as may be needed. - Facilitate long lead-time resource development. - Continue coordination between energy agencies and energy proceedings to maximize opportunities for demand response. - Continue to explore the benefits of regional markets to enhance decarbonization, reliability, and affordability. - Address resource build-out challenges, including permitting, interconnection, and transmission network upgrades. - Explore new financing mechanisms and rate designs to address affordability. - Per SB 100 and SB 1020, achieve 90 percent, 95 percent, and 100 percent renewable and zero-carbon retail sales by 2035, 2040, and 2045, respectively. - Evaluate and propose, as needed, changes to strengthen the Cap-and-Trade Program. - Target programs and incentives to support and improve access to renewable and zero-carbon energy projects (e.g., rooftop solar, community owned or controlled solar or wind, battery storage, and microgrids) for communities most at need, including frontline, low-income, rural, and indigenous communities. - Prioritize public investments in zero-carbon energy projects to first benefit the most overly	State agencies and local agencies	No Conflict: Decarbonizing the electricity sector depends on both using energy more efficiently and replacing fossil-fueled generation with renewable and zero carbon resources, including solar, wind, energy storage, geothermal, biomass, and hydroelectric power. The RPS Program and the Cap-and-Trade Program continue to incentivize dispatch of renewables over fossil generation to serve state demand. SB 100 increased RPS stringency to require 60 percent renewables by 2030 and for California to provide 100 percent of its retail sales of electricity from renewable and zero-carbon resources by 2045. Furthermore, SB 1020 has added interim targets to SB 100's policy framework to require renewable and zero-carbon resources to supply 90 percent of all retail electricity sales by 2035 and 95 percent of all electricity retail sales by 2040; establish a planning goal of at least 20 GW of offshore wind by 2045; and that state agencies plan for an energy transition that avoids the need for new fossil gas capacity to meet California's long-term energy goals. California also continues to advance its appliance and building energy efficiency standards to reduce growth in electricity consumption and meet the SB 350 goal to double statewide energy efficiency savings in electricity and fossil gas end uses by 2030. Increased transportation and building electrification and continued policy commitment to behind-the-meter solar and storage will continue to drive growth of microgrids and other distributed energy resources. Continued transition to renewable and zero-carbon electricity resources will enable electricity to become a zero-carbon substitute for fossil fuels. This transformation will drive investments in a large fleet of generation and storage resources but will also require significant transmission to accommodate these new capacity additions. Resources such as storage and demand-side management are essential to maintain reliability with high concentrations of renewables.

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
burdened communities affected by pollution, climate impacts, and poverty.		Hydrogen produced from renewable resources and renewable feedstocks can serve a dual role as a low-carbon fuel for existing combustion turbines or fuel cells, and as energy storage for later use. As applicable, the proposed project would utilize energy efficiency appliances (such as in the office space) and equipment and will meet the applicable energy standards in the Title 24 Building Energy Efficiency Standards and CALGreen Code. As such, the project would not conflict with actions under the clean electricity grid sector.
Sustainable Manufacturing and Buildings - Maximize air quality benefits using the best available control technologies for stationary sources in communities most in need. - Implement SB 905, which requires CARB to create the Carbon Capture, Removal, Utilization, and Storage Program to evaluate, demonstrate, and regulate carbon capture, utilization, and sequestration and carbon dioxide removal projects and technology. - End fossil gas infrastructure expansion for newly constructed buildings. - Develop a net-zero cement strategy to meet SB 956 targets for the GHG intensity of cement use. - Leverage energy efficiency and low carbon hydrogen programs. - Prioritize most vulnerable residents with the majority of funds in the new \$922 million Equitable Building Decarbonization program. - Achieve three million all-electric and electric-ready homes by 2030 and seven million by 2035 with six million heat pumps installed by 2030. - Adopt a zero-emission standard for new space and water heaters sold in California beginning in 2030. - Implement biomethane procurement targets for investor-owned utilities as specified in SB 1440.	State agencies and local agencies	No Conflict: The 2022 Scoping Plan reduces dependence on fossil gas in the industrial and building sectors by transitioning substantial energy demand to alternative fuels. Combustion of fossil gas, other gaseous fossil fuels, and solid fossil fuels provide energy to meet three broad industry needs: electricity, steam, and process heat. Non-combustion emissions result from fugitive emissions and from the chemical transformations inherent to some manufacturing processes. Decarbonizing industrial facilities depends upon displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions. Emissions also can be reduced by implementing energy efficiency measures and using substitute raw materials that can reduce energy demand and some process emissions. Some remaining combustion emissions and some non-combustion CO₂ emissions can be captured and sequestered. This sector has a continuing demand for fossil gas due to lack of non-combustion technologically feasible or cost-effective alternatives for certain industrial sectors. Microgrids powered by renewable resources and with battery storage are emerging as a key enabler of electrification and decarbonization at industrial facilities. The proposed project will serve as a warehouse and distribution center. Project operations include the assembly of pumps using ready-to-use components. Apart from assembly, other common tasks will include shipping and receiving, as well as associated administrative efforts such as purchasing, sales order processing, and general administrative duties. No heavy manufacturing activities are proposed at the project site. The project will utilize energy efficient appliances for the office space and as applicable within the project. The project would also meet the applicable energy standards in the Title 24 Building Energy Efficiency Standards and CALGreen Code. During operations, the project would have a less-

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
		than-significant VMT impact. As such, the project would not conflict with sustainable manufacturing buildings industry sector.
Carbon Dioxide Removal and Capture Sector • Implement SB 905. • Achieve the 85 percent reduction in anthropogenic sources below 1990 levels per AB 1279 by incorporating Carbon Capture and Storage (CCS) into sectors and programs beyond transportation. • Evaluate and propose the role for CCS in cement decarbonization and as part of hydrogen peroxide pathways. • Explore carbon capture application for zero-carbon power for reliability needs per SB 100.	State agencies and local agencies	No Conflict: CARB has acknowledged that the deployment of carbon dioxide removal to counterbalance hard-to-abate residual emissions is needed to achieve net zero GHG emissions. Modeling shows that emissions from the AB 32 GHG Inventory sources will continue to persist even if all fossil related combustion emissions are phased out. Carbon dioxide removal includes both sequestration in natural and working lands and mechanical approaches such as: direct air capture, CCS (which is carbon capture from anthropogenic point sources involves capturing carbon from a smokestack of an emitting facility), or direct air capture (which captures carbon directly from the atmosphere). The project would not conflict with measures to increase carbon dioxide removal and capture. As such, the project would not conflict with action under the carbon dioxide removal and capture sector.
Short-Lived Climate Pollutants (Non- Combustion Gases) • Install anaerobic digesters to maximize air and water quality protection, maximize biomethane capture, and direct biomethane to specific sectors. • Increase alternative manure management projects. • Expand markets for products made from organic waste. • Pursuant to SB 1137, develop leak detection and repair plans for facilities in health protection zones, implement emission detection system standards, and provide public access to emissions data. • Convert large HFC emitters to the lowest practical global warming potential (GWP) technologies.	State agencies and local agencies	No Conflict: SLCPs include black carbon, methane, and fluorinated gases. Dairy and livestock are the largest source of methane emissions followed by landfills. Black Carbon (soot) comes primarily from transportation, specifically heavy-duty vehicles followed by fuel combustion for residential, commercial, and industrial uses. The project would not conflict with SLCP dairy and livestock methane sector actions in the 2022 Scoping Plan. The project is a warehouse and distribution center for pumps and does not include dairy or livestock. Furthermore, the project does not include a new landfill or any oil or gas production, processing, or storage facilities. The project would comply with the 2022 CalGreen Code for energy efficiency and use of high-GWP refrigerants and would not conflict with these policies or actions. The would not include fireplaces and would not result in a significant VMT impact; lower VMT results in a reduction of fuel combustion. Considering the information presented above, the project would not conflict with SLCP sector actions in the 2022 Scoping Plan.
Natural and Working Lands • Implement AB 1757 and SB 27. • Implement the Climate Smart Strategy. • Accelerate the pace and scale of climate smart forest management to at least 2.3 million acres annually by 2025.	State agencies and local agencies	No Conflict: AB 1757 requires state agencies to set targets for natural carbon removal and emissions reductions on natural and working lands. AB 1757 is expected to catalyze natural carbon sequestration in California by: requiring California Natural Resources Agency and CARB to establish targets for sequestration on natural and working lands for 2030, 2038, and 2045; ensuring that natural sequestration

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
- Accelerate the pace and scale of healthy soils practices to 80,000 acres annually by 2025, conserve at least 8,000 acres of annual crops annually, and increase organic agriculture to 20 percent of all cultivated acres by 2045. - Restore 60,000 acres of Delta wetlands annually by 2045. - Increase urban forestry investment annually by 200 percent, relative to business as usual.		projects have rigorous measurement and verification; and establishing an expert committee to advise state agencies on modeling and implementation. SB 27 is designed to accelerate the removal of carbon from the atmosphere by expanding California's carbon removal capability (i.e. sequestration) and improve the carbon retention of the state's natural and working lands. The project is a warehouse and distribution center for pumps and would not include natural working lands. As such, the project would not conflict with natural and working strategies under the 2022 Scoping Plan.
Source: California Air Resources Board (CARB). 2022. 2022 Scoping Plan for Achieving Carbon Neutrality. November 16. Website: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp_1.pdf. Accessed February 2025.		

As show above in Table 16, the project would not conflict with relevant 2022 Scoping Plan actions or strategies that aim to achieve the State's climate target of reducing anthropogenic emissions to 85 percent below 1990 levels and achieving carbon neutrality by 2045.

Conclusion

Taking into account the proposed project's design features and the progress being made by the State towards reducing emissions in key sectors such as transportation, industry, and electricity, the proposed project would be consistent with State and local GHG Plans would not obstruct their attainment. Specifically, the proposed project would be consistent with the Sacramento CAAP and the 2022 Scoping Plan (see Table 15 and Table 16). As such, the proposed project's GHG impacts would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

Energy

Environmental Setting

Sacramento Municipal Utility District (SMUD) is responsible for the acquisition, generation, transmission and distribution of electrical service to customers for the City of Sacramento, including the proposed project site. SMUD's 900 square mile service territory also includes most of Sacramento County and a portion of Placer County.

The State passed legislation referred to as the Renewables Portfolio Standard (RPS) that requires increasing use of renewable energy to produce electricity for consumers. California utilities are required to generate 33 percent of their electricity from renewables by 2020 (SB X1-2 of 2011); 52 percent by 2027 (SB 100 of 2018); 60 percent by 2030 (also SB 100 of 2018); and 100 percent by 2045 (also SB 100 of 2018). On September 16, 2022, SB 1020 was signed into law. This bill supersedes the goals of SB 100 by requiring that eligible renewable energy resources and zero-carbon resources supply 90 percent of all retail sales of electricity to California end-use customers by December 31, 2035, 95 by December 31, 2040, 100 by December 31, 2045, and 100 percent of electricity procured to serve all state agencies by December 31, 2035.

Methodology

The energy requirements for the proposed project were determined using the construction and operational estimates generated from the Air Quality Analysis (refer to Attachment A for related CalEEMod output files). The calculation worksheets for diesel fuel consumption rates for off-road construction equipment, gasoline and diesel fuel consumption rates for on-road vehicles during construction and operations are provided in Attachment C. Short-term construction energy consumption and long-term operational consumption are discussed separately below.

Short-Term Construction

Off-Road Equipment

The proposed project was modeled to begin construction as in May 2025 and last until February 2026. Table 17 provides estimates of the project's construction fuel consumption from off-road construction equipment for the entire project, categorized by construction activity.

Table 17: Construction Off-Road Fuel Consumption

Project Component	Construction Activity	Fuel Consumption (gallons)
Preferred Pump Warehouse and Distribution Center Project	Site Preparation	1,352
	Grading	5,482
	Paving	4,494
	Building Construction	10,964
	Architectural Coating	59
Total from Project Construction		22,351
Source: Energy Consumption Calculations (Attachment C).		

As shown in Table 17, off-road construction equipment usage associated with the proposed project would be estimated to consume approximately 22,351 gallons of diesel fuel over the

entire construction period. There are no unusual project characteristics that would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in other parts of the City Sacramento or in other parts of California. Therefore, it is expected that construction fuel consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than at other construction sites in the region.

On-Road Vehicles

On-road vehicles for construction workers, vendors, and haulers would require fuel for travel to and from the site during construction. Table 18 provides an estimate of the total on-road vehicle fuel usage during construction.

Table 18: Construction On-Road Fuel Consumption

Project Component	Construction Activity	Total Annual Fuel Consumption (gallons)
Preferred Pump Warehouse and Distribution Center Project	Site Preparation	114
	Grading	1,067
	Paving	352
	Building Construction	2,236
	Architectural Coating	78
Total from Project Construction		3,847
Source: Energy Consumption Calculations (Attachment C).		

As shown in Table 18, construction trips are estimated to consume approximately 3,847 gallons of gasoline and diesel fuel combined. There are no unusual project characteristics that would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in other parts of the City of Sacramento or larger Sacramento County area. Therefore, it is expected that construction fuel consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than at other construction sites in the region.

Long-Term Operations

Transportation Energy Demand

Table 19 provides an estimate of the daily and annual fuel consumed by vehicles traveling to and from the proposed project. These estimates were derived using the same assumptions used in the operational air quality analysis for the proposed project.

Table 19: Long-Term Operational Vehicle Fuel Consumption

Vehicle Type	Daily VMT	Annual VMT	Average Fuel Economy (miles/gallon)¹	Total Daily Fuel Consumption (gallons)	Total Annual Fuel Consumption (gallons)
Passenger Cars (LDA)	656	239,276	30.12	21.8	7,945
Light Trucks and Medium Duty Vehicles (LDT1, LDT2, MDV)	553	201,958	23.12	23.9	8,736
Light-Heavy to Medium-Heavy Diesel Trucks (LHD1, LHD2, and MHDT)	234	85,344	10.82	21.6	7,887
Heavy-Heavy Diesel Trucks (HHDT)	293	107,008	5.87	49.9	18,219
Motorcycles (MCY)	33	11,907	40.22	0.8	296
Other (OBUS, UBUS, SBUS, MH)	8	2,886	6.60	1.2	437
Total	1,777	648,379	—	119	43,520
Notes: Percent of Vehicle Trips and VMT based on values in the project-specific CalEEMod output files. “Other” consists of buses and motor homes. VMT = vehicle miles traveled Source: Energy Consumption Calculations (Attachment C).					

As shown above, daily vehicular fuel consumption is estimated to be 119 gallons of gasoline and diesel fuel combined. Annual consumption is estimated at 43,520 gallons, of which 26,106 are from heavy-duty trucks (see Attachment C).

In terms of land use planning decisions, the proposed project would constitute development within an established community and would not be opening a new geographical area for development such that it would draw mostly new trips or substantially lengthen existing trips. In addition, the vehicle fleet mix would be typical of other warehouse and distribution center businesses in the region. For these reasons, it would be expected that vehicular fuel consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than for any other similar land use activities in the region.

Building Energy Demand

As shown in Table 20 and Table 21, the proposed project is estimated to demand 776,074 kilowatt-hours (kWh) of electricity and 0 kilo-British Thermal Units (kBtu) of natural gas, respectively, on an annual basis. The proposed project would be built according to code and would be subject to the latest building standards in effect at the time that building permits are issued. In addition, the proposed project would be built as an all-electric development (i.e. no natural gas).

Table 20: Long-Term Electricity Usage

CalEEMod Land Use	Total Electricity Demand (kWh/year)
Unrefrigerated Warehouse-No Rail	322,288
General Office Building	255,734
Other Non-Asphalt Surfaces	0
Parking Lot	198,052
Total Project	776,074
Notes: kWh = kilowatt hour The estimates above represent total estimated electricity consumption on an annual basis from operations of the proposed project. Source: Energy Consumption Calculations (Attachment C).	

Table 21: Long-Term Natural Gas Usage

CalEEMod Land Use	Total Natural Gas Demand (kBTU/year)
Unrefrigerated Warehouse-No Rail	0
General Office Building	0
Other Non-Asphalt Surfaces	0
Parking Lot	0
Total Project	0
Notes: DU = Dwelling Units kBTU = 1,000 British Thermal Units Source: Energy Consumption Calculations (Attachment C).	

Environmental Impact Analysis

This section discusses potential energy impacts associated with the proposed project and provides mitigation measures where necessary.

Impact EN-1 Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Impact Analysis

This impact addresses the energy consumption from both the short-term construction and long-term operations are discussed separately below.

Construction Energy Demand

As summarized in Table 17 and Table 18, the proposed project would require 22,351 gallons of diesel fuel for construction off-road equipment and 3,847 gallons of gasoline and diesel for on-road vehicles during construction. There are no unusual project characteristics that would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in other parts of the state. Therefore, it is expected that construction fuel consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than at other construction sites in the region, and as such, impacts would be less than significant.

Long-Term Energy Demand

Building Energy Demand

Buildings and infrastructure constructed pursuant to the proposed project would comply with the versions of CCR Titles 20 and 24, including California Green Building Standards (CALGreen), that are applicable at the time that building permits are issued. The proposed project would have multiple uses for natural gas and will connect to City of Lindsay utilities. The proposed project is estimated to demand 776,074 kWh of electricity per year and 0 kBTU of natural gas per year (see Table 20 and Table 21). This would represent an increase in demand for electricity and no include in demand for natural gas.

It would be expected that building energy consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than for any other similar buildings in the region. Current state regulatory requirements for new non-residential building construction contained in the CALGreen and Title 24 standards would increase energy efficiency and reduce energy demand in comparison to existing non-residential structures, and therefore would reduce actual environmental effects associated with energy use from the proposed project. Additionally, the CALGreen and Title 24 standards have increased efficiency standards through each update. The proposed project would be built in accordance with regulations in effect at the time building permits are issued.

Therefore, while the proposed project would result in increased electricity demand, the electricity would be consumed more efficiently and would be typical of other warehouse and

distribution center projects. If the buildout of the project is delayed, compliance with future building code standards would result in similar or increased energy efficiency.

Based on the above information, the proposed project would not result in the inefficient or wasteful consumption of electricity or natural gas, and impacts would be less than significant.

Transportation Energy Demands

The daily vehicular fuel consumption is estimated to be 119 gallons of gasoline and diesel fuel combined (71.5 gallons of which are from heavy trucks). Annual consumption is estimated at 43,520 gallons, of which 26,106 are from heavy-duty trucks (see Table 19 and Attachment C). The proposed project would constitute development within an established community and would not be opening a new geographical area for development such that it would draw mostly new trips or substantially lengthen existing trips. The proposed project would be well-positioned to accommodate an existing population and anticipated growth in the City of Sacramento. The project is located adjacent to existing similar industrial land uses. In addition, vehicles accessing the project site would be typical of other business uses in the region. For these reasons, it would be expected that vehicular fuel consumption associated with the proposed project would not be any more inefficient, wasteful, or unnecessary than for any other similar land use activities in the region, and impacts would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

Impact EN-2 Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Impact Analysis

The City's General Plan includes strategies to promote energy efficiency in development in the City of Sacramento. These General Plan policies require City action and are not applicable at the individual project level. However, the proposed project would not impede or conflict with any of the energy strategies outlined in the General Plan due to compliance with all local rules and regulations. The proposed project would comply with the versions of CCR Titles 20 and 24, including CALGreen, that are applicable at the time that building permits are issued and with all applicable City measures. Part 11 of the State's Title 24 energy efficiency standards establishes mandatory measures for residential and nonresidential buildings. Examples of these mandatory measures include infrastructure to support rooftop solar, electric vehicle (EV) charging infrastructure, energy efficiency, water efficiency and conservation, and material conservation and resource efficiency. The proposed project would be required to comply with mandatory measures; specifically, the project would comply with mandatory measures for non-residential development. Where applicable, the project would comply with more stringent local regulations. In addition, the proposed project would constitute development within an established community

and would not be opening a new geographical area for development such that it would draw mostly new trips, or substantially lengthen existing trips. The proposed project would be well positioned to accommodate the existing population. Notably, the proposed project is located adjacent to existing similar industrial land uses.

In addition, the City's CAAP, which aims to reduce GHG emissions in the City of Sacramento, has several GHG reduction measures that would have co-benefits that would promote the use of renewable energy and increase energy efficiency. As detailed under Impact GHG-1, the project would be consistent with all of the applicable CAAP GHG reduction measures and would not conflict with or obstruct the implementation of the CAAP.

Planned project design features and compliance with mandatory measures (described above) would ensure that the proposed project would not conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing energy use or increasing the use of renewable energy. Therefore, operational energy efficiency and renewable energy standards consistency impacts would be less than significant.

For the above reasons, the proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and impacts would be less than significant.

Level of Significance Before Mitigation

Less than significant.

Mitigation Measures

No mitigation measures are necessary.

Attachments:

Attachment A – Modeling Assumptions and CalEEMod Output Files

Attachment B – Construction and Operational Health Risk Assessments

Attachment C – Energy Consumption Calculations

ATTACHMENT A

Modeling Assumptions and CalEEMod Output Files

Modeling Assumptions and CalEEMod Output Files

Table of Contents

Modeling Assumptions/Additional Supporting Information

- **Preferred Pump Warehouse and Distribution Center Project Construction Assumptions**
- **Project Site Plan**
- **Project Site Vicinity Map**
- **Electricity Adjustment to Replace Natural Gas Usage due to All-Electric Development**

CalEEMod Output Files

- **Unmitigated Project Construction & Buildout Operations in the Earliest Year (2026)**
- **Mitigated Construction (Tier 4 Equipment Scenario)**
- **Mitigated Construction (Level 3 Filters Scenario)**

Construction Assumptions

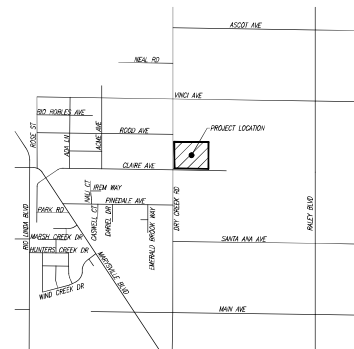
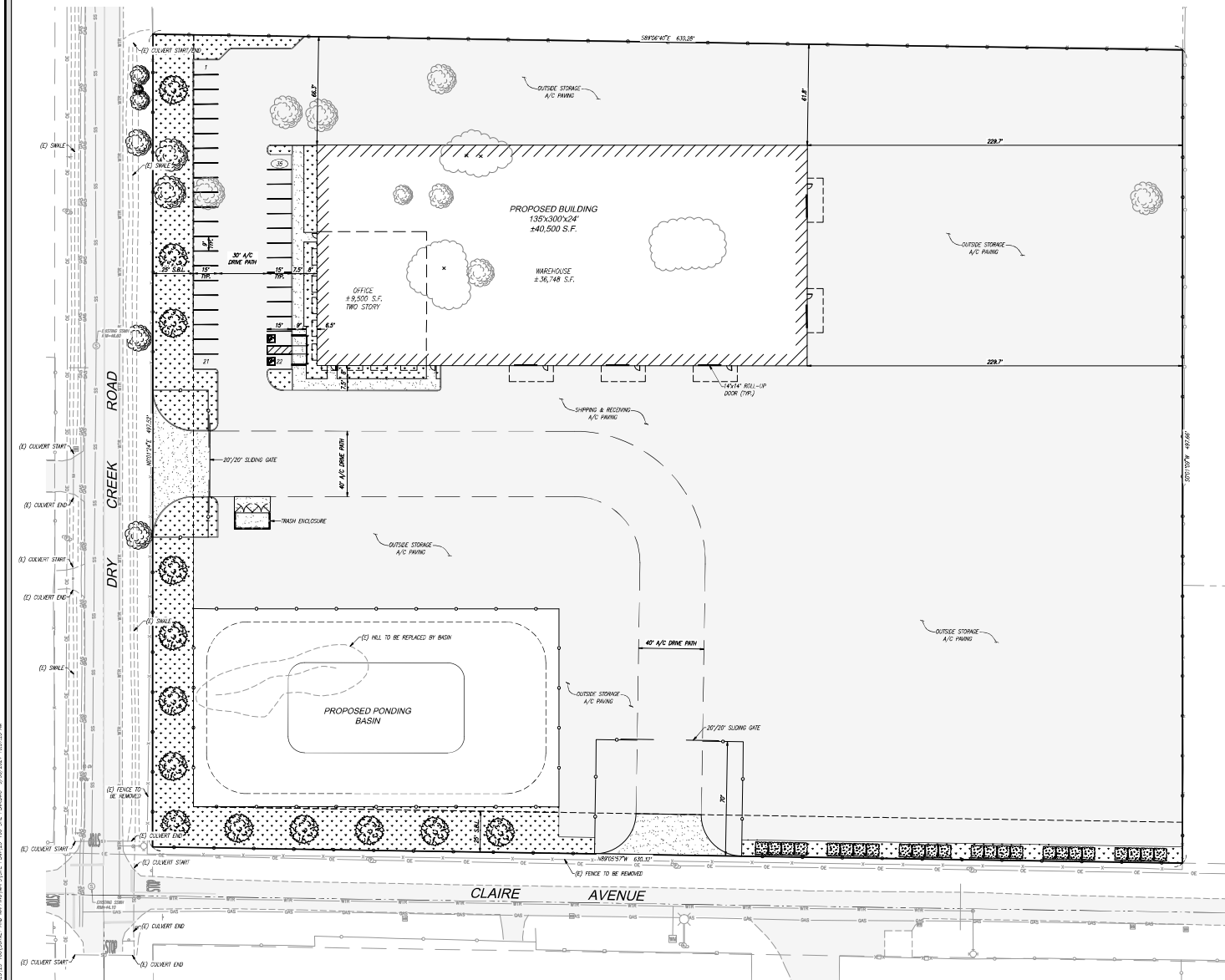
Preferred Pump Warehouse and Distribution Center Project

Construction Phase			Num Days	
Phase Name	Start Date	End Date	Week	Num Days
Site Preparation	5/1/2025	5/14/2025	5	10
Grading	5/15/2025	6/11/2025	5	20
Paving	6/12/2025	7/9/2025	5	20
Building Construction	7/10/2025	1/7/2026	5	130
Architectural Coating	1/5/2026	2/1/2026	5	20

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8	84	0.37
Grading	Excavators	1	8	36	0.38
Grading	Graders	1	8	148	0.41
Grading	Rubber Tired Dozers	1	8	367	0.40
Grading	Tractors/Loaders/Backhoes	3	8	84	0.37
Paving	Pavers	2	8	81	0.42
Paving	Paving Equipment	2	8	89	0.36
Paving	Rollers	2	8	36	0.38
Building Construction	Cranes	1	7	367	0.29
Building Construction	Forklifts	3	8	82	0.20
Building Construction	Generator Sets	1	8	14	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7	84	0.37
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	6	37	0.48

Trips and VMT	Worker Trips	Vendor Trips	Hauling Trips	Worker Trip	Vendor Trip	Hauling Trip
Phase Name	per Day	per Day	per Day	Length	Length	Length
Site Preparation	17.50	2.00	0.00	14.30	8.80	20
Grading	15.00	2.00	12.50	14.30	8.80	20
Paving	15.00	10.00	0.00	14.30	8.80	20
Building Construction	18.47	7.58	0.00	14.30	8.80	20
Architectural Coating	3.69	2.00	0.00	14.30	8.80	20



VICINITY MAP

SITE INFORMATION

PLANNING • SURVEYING • CIVIL ENGINEERING
1234 O STREET, FRESNO, CALIFORNIA 93721
TEL: 559-449-4500 FAX: 559-449-4515
WWW.PRECISIONENG.NET

Project Vicinity Map

Legend

 Project Site



Google Earth

500 ft



Preferred Pump Warehouse and Distribution Center Project
Electricity Adjustment to Replace Natural Gas Usage due to All-Electric Development

CEC Electricity Demand Forecast Zone (EDFZ)13

Building Type / LandUse	Amount	Units	Electric End Use per Unit (ksf)				Additional Energy for Replaced End Uses			Caleemod Default Electricity Usage kWhr/yr			All-Electric Project Revised Electricity kWhr/yr		
			Water Heater	Primary Heat	Cooking	Dryer	Total per Unit kWhr/yr	(per Unit) Title 24 kWhr/yr	(per Unit) Non-Title 24 kWhr/yr	Total CalEEMod Value kWhr/yr	Subject to Title 24	Not Subject to Title 24	Total CalEEMod Value kWhr/yr	Subject to Title 24	Not Subject to Title 24
Unrefrigerated Warehouse-No Rail	36,748	1,000 sqft	3	328	1	0	332	331	1	310,088	145,431	164,657	322,288	157,594	164,694
General Office Building	9,500	1,000 sqft	14	395	29	0	410		3,895	218,732	147,339	71,393	255,734	147,339	108,396

Notes:
The methodology is based on Measure E-15 of the CAPCOA Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity.
Emission Factors are From Data Tables from Appendix C of the previously referenced CAPCOA Handbook .

References:

CAPCOA, 2021. Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity. Website: https://www.airquality.org/ClimateChange/Documents/Final%20Handbook_AB434.pdf.
CAPCOA, 2021. Appendix C : Emission Factors and Data Tables from Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity. Website: https://www.caleemod.com/documents/handbook/appendices/appendix_c.pdf

Preferred Pump Project Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Preferred Pump Project
Construction Start Date	5/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	39.2
Location	38.662767, -121.437217
County	Sacramento
City	Sacramento
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	639
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	36.7	1000sqft	0.84	36,748	0.00	—	—	—

General Office Building	9.50	1000sqft	0.09	9,500	0.00	—	—	—
Other Non-Asphalt Surfaces	1.08	Acre	1.08	0.00	0.00	—	—	—
Parking Lot	5.19	Acre	5.19	0.00	26,856	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.39	31.8	31.3	0.05	1.37	7.86	9.22	1.26	3.99	5.24	—	5,552	5,552	0.22	0.19	2.75	5,576
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.45	1.20	10.9	14.0	0.02	0.43	0.24	0.68	0.40	0.06	0.46	—	2,803	2,803	0.12	0.06	0.04	2,824
2026	21.4	21.2	11.3	15.2	0.03	0.41	0.30	0.70	0.37	0.07	0.45	—	3,021	3,021	0.13	0.07	0.04	3,045
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.82	0.69	6.05	7.30	0.01	0.25	0.48	0.73	0.23	0.21	0.44	—	1,445	1,445	0.06	0.04	0.31	1,457
2026	1.12	1.11	0.19	0.26	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01	—	50.8	50.8	< 0.005	< 0.005	0.01	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.15	0.13	1.10	1.33	< 0.005	0.04	0.09	0.13	0.04	0.04	0.08	—	239	239	0.01	0.01	0.05	241
2026	0.20	0.20	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.41	8.41	< 0.005	< 0.005	< 0.005	8.50

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.85	0.69	2.69	6.84	0.03	0.03	1.51	1.54	0.03	0.39	0.42	—	2,757	2,757	0.15	0.27	7.99	2,848
Area	1.48	1.45	0.02	2.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.27	8.27	< 0.005	< 0.005	—	8.30
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	797	797	0.03	< 0.005	—	799
Water	—	—	—	—	—	—	—	—	—	—	—	21.8	28.9	50.7	0.08	0.05	—	66.8
Waste	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	2.33	2.14	2.71	8.85	0.03	0.03	1.51	1.54	0.03	0.39	0.42	45.1	3,592	3,637	2.59	0.32	8.01	3,804
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.79	0.62	2.97	5.86	0.02	0.03	1.51	1.54	0.03	0.39	0.42	—	2,638	2,638	0.16	0.27	0.21	2,723
Area	1.12	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	797	797	0.03	< 0.005	—	799
Water	—	—	—	—	—	—	—	—	—	—	—	21.8	28.9	50.7	0.08	0.05	—	66.8
Waste	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.91	1.74	2.97	5.86	0.02	0.03	1.51	1.54	0.03	0.39	0.42	45.1	3,464	3,509	2.60	0.32	0.23	3,670
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.68	0.54	2.78	5.02	0.02	0.03	1.30	1.33	0.03	0.34	0.36	—	2,466	2,466	0.14	0.26	3.13	2,550
Area	1.37	1.35	0.01	1.38	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.67	5.67	< 0.005	< 0.005	—	5.69
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	797	797	0.03	< 0.005	—	799
Water	—	—	—	—	—	—	—	—	—	—	—	21.8	28.9	50.7	0.08	0.05	—	66.8
Waste	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	2.05	1.88	2.79	6.40	0.02	0.03	1.30	1.33	0.03	0.34	0.37	45.1	3,298	3,343	2.58	0.31	3.16	3,503
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.51	0.92	< 0.005	0.01	0.24	0.24	0.01	0.06	0.07	—	408	408	0.02	0.04	0.52	422
Area	0.25	0.25	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.94	0.94	< 0.005	< 0.005	—	0.94
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	132	132	< 0.005	< 0.005	—	132
Water	—	—	—	—	—	—	—	—	—	—	—	3.60	4.79	8.39	0.01	0.01	—	11.1
Waste	—	—	—	—	—	—	—	—	—	—	—	3.87	0.00	3.87	0.39	0.00	—	13.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.37	0.34	0.51	1.17	< 0.005	0.01	0.24	0.24	0.01	0.06	0.07	7.47	546	553	0.43	0.05	0.52	580

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.11	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	1.05	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	199	199	< 0.005	0.01	0.76	202
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	0.01	5.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.58	1.58	< 0.005	< 0.005	< 0.005	1.66
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.27
Hauling	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	0.00

3.3. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	0.11	0.02	1.67	0.65	0.01	0.02	0.24	0.25	0.02	0.06	0.08	—	926	926	0.09	0.15	1.95	974
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.17	3.17	< 0.005	< 0.005	< 0.005	3.32
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.05	53.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.83

3.5. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.39	3.58	4.47	0.01	0.15	—	0.15	0.14	—	0.14	—	821	821	0.03	0.01	—	824
Onsite truck	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	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.65	0.82	< 0.005	0.03	—	0.03	0.02	—	0.02	—	136	136	0.01	< 0.005	—	136
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.11	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	210	210	< 0.005	0.01	0.81	213
Vendor	0.02	0.01	0.40	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.57	230
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.82	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	186	186	< 0.005	0.01	0.02	189
Vendor	0.02	0.01	0.42	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.01	229
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.29	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	0.12	66.3
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.1	75.1	< 0.005	0.01	0.08	78.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.01	13.0
Hauling	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	0.00

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.44	5.44	< 0.005	< 0.005	—	5.46
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.77	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	183	183	< 0.005	0.01	0.02	185
Vendor	0.02	0.01	0.40	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.01	225
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.94	2.94	< 0.005	< 0.005	< 0.005	3.08
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.51
Hauling	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	0.00

3.9. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.03	0.01	0.52	0.19	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	289	289	0.02	0.04	0.75	303
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.6

Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Hauling	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	0.00

3.11. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	19.9	19.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34

Architectural Coating	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	< 0.005	37.0
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	56.7	56.7	< 0.005	0.01	< 0.005	59.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.11	3.11	< 0.005	< 0.005	< 0.005	3.25
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54

Hauling	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	0.00
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4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.26	0.24	0.15	2.22	< 0.005	< 0.005	0.41	0.41	< 0.005	0.10	0.11	—	462	462	0.02	0.01	1.65	468
General Office Building	0.45	0.42	0.39	3.85	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	868	868	0.04	0.03	3.01	882
Other Non-Asphalt Surfaces	0.14	0.04	2.15	0.76	0.01	0.02	0.39	0.41	0.02	0.10	0.12	—	1,428	1,428	0.10	0.22	3.33	1,498
Parking Lot	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	0.00
Total	0.85	0.69	2.69	6.84	0.03	0.03	1.51	1.54	0.03	0.39	0.42	—	2,757	2,757	0.15	0.27	7.99	2,848
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.24	0.22	0.19	1.86	< 0.005	< 0.005	0.41	0.41	< 0.005	0.10	0.11	—	418	418	0.02	0.02	0.04	423

General Office Building	0.41	0.37	0.46	3.23	0.01	0.01	0.71	0.72	0.01	0.18	0.19	—	793	793	0.04	0.04	0.08	805
Other Non-Asphalt Surfaces	0.14	0.04	2.33	0.77	0.01	0.02	0.39	0.41	0.02	0.10	0.12	—	1,428	1,428	0.10	0.22	0.09	1,495
Parking Lot	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	0.00
Total	0.79	0.62	2.97	5.86	0.02	0.03	1.51	1.54	0.03	0.39	0.42	—	2,638	2,638	0.16	0.27	0.21	2,723
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.04	0.03	0.34	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	70.6	70.6	< 0.005	< 0.005	0.12	71.6
General Office Building	0.06	0.05	0.06	0.44	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	101	101	< 0.005	< 0.005	0.16	103
Other Non-Asphalt Surfaces	0.02	0.01	0.42	0.14	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	236	236	0.02	0.04	0.24	248
Parking Lot	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	0.00
Total	0.12	0.10	0.51	0.92	< 0.005	0.01	0.24	0.24	0.01	0.06	0.07	—	408	408	0.02	0.04	0.52	422

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrig erated	—	—	—	—	—	—	—	—	—	—	—	—	331	331	0.01	< 0.005	—	332
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	263	263	0.01	< 0.005	—	263
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	203	203	0.01	< 0.005	—	204
Total	—	—	—	—	—	—	—	—	—	—	—	—	797	797	0.03	< 0.005	—	799
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	331	331	0.01	< 0.005	—	332
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	263	263	0.01	< 0.005	—	263
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	203	203	0.01	< 0.005	—	204
Total	—	—	—	—	—	—	—	—	—	—	—	—	797	797	0.03	< 0.005	—	799
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	54.8	54.8	< 0.005	< 0.005	—	54.9
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	43.5	43.5	< 0.005	< 0.005	—	43.6

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	33.7	33.7	< 0.005	< 0.005	—	33.7
Total	—	—	—	—	—	—	—	—	—	—	—	—	132	132	< 0.005	< 0.005	—	132

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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
General Office Building	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
Other Non-Asphalt Surfaces	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
Parking Lot	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
Total	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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

General Office Building	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
Other Non-Asphalt Surfaces	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
Parking Lot	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
Total	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	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
General Office Building	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
Other Non-Asphalt Surfaces	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
Parking Lot	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
Total	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

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Product	1.01	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.36	0.33	0.02	2.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.27	8.27	< 0.005	< 0.005	—	8.30
Total	1.48	1.45	0.02	2.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.27	8.27	< 0.005	< 0.005	—	8.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.01	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.12	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	0.04	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.94	0.94	< 0.005	< 0.005	—	0.94
Total	0.25	0.25	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.94	0.94	< 0.005	< 0.005	—	0.94

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.2	23.6	41.8	0.06	0.04	—	55.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.61	4.69	8.30	0.01	0.01	—	11.0
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.62	0.62	< 0.005	< 0.005	—	0.62
Total	—	—	—	—	—	—	—	—	—	—	—	21.8	28.9	50.7	0.08	0.05	—	66.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.2	23.6	41.8	0.06	0.04	—	55.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.61	4.69	8.30	0.01	0.01	—	11.0

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.62	0.62	< 0.005	< 0.005	—	0.62
Total	—	—	—	—	—	—	—	—	—	—	—	21.8	28.9	50.7	0.08	0.05	—	66.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.01	3.91	6.91	0.01	0.01	—	9.14
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.60	0.78	1.37	< 0.005	< 0.005	—	1.82
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.10	0.10	< 0.005	< 0.005	—	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	3.60	4.79	8.39	0.01	0.01	—	11.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	0.00	18.6	1.86	0.00	—	65.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	0.00	18.6	1.86	0.00	—	65.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.79	0.00	0.79	0.08	0.00	—	2.76
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3.87	0.00	3.87	0.39	0.00	—	13.5

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---------	---------

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm ent Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm ent Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm ent Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetati on	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2025	5/14/2025	5.00	10.0	—
Grading	Grading	5/15/2025	6/11/2025	5.00	20.0	—
Building Construction	Building Construction	7/10/2025	1/7/2026	5.00	130	—
Paving	Paving	6/12/2025	7/9/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	1/5/2026	2/1/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	2.00	8.80	HHDT,MHDT
Grading	Hauling	12.5	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	18.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	7.58	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	10.0	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.69	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	69,372	23,124	16,388

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	15.0	0.00	—
Grading	1,000	1,000	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	6.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Other Non-Asphalt Surfaces	1.08	0%
Parking Lot	5.19	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	375	0.01	< 0.005
2026	0.00	375	0.01	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	52.9	52.9	52.9	19,309	575	575	575	209,883
General Office Building	92.5	21.0	6.65	25,565	1,006	228	72.3	277,896
Other Non-Asphalt Surfaces	11.0	11.0	11.0	4,015	440	440	440	160,600
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	69,372	23,124	16,388

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO₂ and CH₄ and N₂O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO ₂	CH ₄	N ₂ O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	322,288	375	0.0129	0.0017	0.00
General Office Building	255,734	375	0.0129	0.0017	0.00
Other Non-Asphalt Surfaces	0.00	375	0.0129	0.0017	0.00
Parking Lot	198,052	375	0.0129	0.0017	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	8,497,975	0.00
General Office Building	1,688,471	0.00
Other Non-Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	375,085

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	34.5	—
General Office Building	8.84	—
Other Non-Asphalt Surfaces	0.00	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Land Use	7.2-acre site An approximately 40,500 square foot (sf.) building consisting of a 9,500 sf. two-story office, 36,748 sf. warehouse, 34 parking spaces, and onsite improvements including drive aisles, curb, gutter, sidewalk, lighting, trash enclosure, and landscaping.
Construction: Construction Phases	No demolition or removal of hardscape. Anticipated construction schedule. Adjusted building construction schedule to match applicant-provided total construction duration.
Construction: Trips and VMT	Minimal import/export expected, as the lot is largely flat and will only require minimal leveling. 1,000 cubic yards of import and 1,000 cubic yards of export accounted for in the grading phase. Vendor trips added to the stie preparation, grading, building construction, paving, and architectural coating to account for miscellaneous trips. Default vendor trips retained in the building construction phase.
Operations: Vehicle Data	Separated out truck trips from the warehouse land use to apply a 40-minle truck trip length (lengthened compared to default values). Daily truck trip estimates for the warehouse portion of the project, based on applicant-provided information. 7 average MHD truck trips per day 4 average HHD truck trips per day
Operations: Fleet Mix	Separated out truck trips from the warehouse land use to apply a 40-minle truck trip length (lengthened compared to default values). Truck trips applied to the non-asphalt land use. Adjusted the fleet mixes for warehouse and non-asphalt land uses for this purpose.
Operations: Energy Use	Natural gas was zeroed out to reflect all-electric development (i.e. no natural gas). Electricity usage increased to account for additional usage (see supporting information for calculation).

Mitigated Construction – Tier 4 Scenario Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Mitigated Construction – Tier 4 Scenario
Construction Start Date	5/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	39.2
Location	38.662767, -121.437217
County	Sacramento
City	Sacramento
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	639
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	36.7	1000sqft	0.84	36,748	0.00	—	—	—

General Office Building	9.50	1000sqft	0.09	9,500	0.00	—	—	—
Other Non-Asphalt Surfaces	1.08	Acre	1.08	0.00	0.00	—	—	—
Parking Lot	5.19	Acre	5.19	0.00	26,856	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.39	31.8	31.3	0.05	1.37	7.86	9.22	1.26	3.99	5.24	—	5,552	5,552	0.22	0.19	2.75	5,576
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.45	1.20	10.9	14.0	0.02	0.43	0.24	0.68	0.40	0.06	0.46	—	2,803	2,803	0.12	0.06	0.04	2,824
2026	21.4	21.2	11.3	15.2	0.03	0.41	0.30	0.70	0.37	0.07	0.45	—	3,021	3,021	0.13	0.07	0.04	3,045
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.82	0.69	6.05	7.30	0.01	0.25	0.48	0.73	0.23	0.21	0.44	—	1,445	1,445	0.06	0.04	0.31	1,457
2026	1.12	1.11	0.19	0.26	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01	—	50.8	50.8	< 0.005	< 0.005	0.01	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.15	0.13	1.10	1.33	< 0.005	0.04	0.09	0.13	0.04	0.04	0.08	—	239	239	0.01	0.01	0.05	241

2026	0.20	0.20	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.41	8.41	< 0.005	< 0.005	< 0.005	8.50
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2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.29	1.22	14.9	29.4	0.05	0.12	7.86	7.96	0.11	3.99	4.09	—	5,552	5,552	0.22	0.19	2.75	5,576
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.72	0.64	9.71	16.0	0.02	0.12	0.24	0.36	0.11	0.06	0.17	—	2,803	2,803	0.12	0.06	0.04	2,824
2026	20.7	20.6	10.6	17.2	0.03	0.13	0.30	0.43	0.13	0.07	0.20	—	3,021	3,021	0.13	0.07	0.04	3,045
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.37	0.34	4.79	7.95	0.01	0.05	0.48	0.54	0.05	0.21	0.26	—	1,445	1,445	0.06	0.04	0.31	1,457
2026	1.11	1.11	0.18	0.29	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	< 0.005	0.01	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.07	0.06	0.87	1.45	< 0.005	0.01	0.09	0.10	0.01	0.04	0.05	—	239	239	0.01	0.01	0.05	241
2026	0.20	0.20	0.03	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.41	8.41	< 0.005	< 0.005	< 0.005	8.50

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	1.05	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	199	199	< 0.005	0.01	0.76	202
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	0.01	5.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.58	1.58	< 0.005	< 0.005	< 0.005	1.66
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.27
Hauling	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	0.00

3.2. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm ent	0.64	0.64	14.7	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.02	0.02	0.40	0.78	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	< 0.005	< 0.005	0.07	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	1.05	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	199	199	< 0.005	0.01	0.76	202
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	0.01	5.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.58	1.58	< 0.005	< 0.005	< 0.005	1.66
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.27
Hauling	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	0.00

3.3. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173

Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	0.11	0.02	1.67	0.65	0.01	0.02	0.24	0.25	0.02	0.06	0.08	—	926	926	0.09	0.15	1.95	974
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.17	3.17	< 0.005	< 0.005	< 0.005	3.32
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.05	53.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.83

3.4. Grading (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.47	10.0	17.8	0.03	0.08	—	0.08	0.08	—	0.08	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.55	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.10	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	0.11	0.02	1.67	0.65	0.01	0.02	0.24	0.25	0.02	0.06	0.08	—	926	926	0.09	0.15	1.95	974
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.17	3.17	< 0.005	< 0.005	< 0.005	3.32
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.05	53.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.83

3.5. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.39	3.58	4.47	0.01	0.15	—	0.15	0.14	—	0.14	—	821	821	0.03	0.01	—	824
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.65	0.82	< 0.005	0.03	—	0.03	0.02	—	0.02	—	136	136	0.01	< 0.005	—	136
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.11	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	210	210	< 0.005	0.01	0.81	213
Vendor	0.02	0.01	0.40	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.57	230
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.82	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	186	186	< 0.005	0.01	0.02	189
Vendor	0.02	0.01	0.42	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.01	229
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.29	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	0.12	66.3
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.1	75.1	< 0.005	0.01	0.08	78.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.01	13.0
Hauling	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	0.00

3.6. Building Construction (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	0.56	9.21	15.0	0.02	0.11	—	0.11	0.11	—	0.11	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	0.56	9.21	15.0	0.02	0.11	—	0.11	0.11	—	0.11	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.19	3.16	5.13	0.01	0.04	—	0.04	0.04	—	0.04	—	821	821	0.03	0.01	—	824
Onsite truck	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	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.58	0.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	136	136	0.01	< 0.005	—	136
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.11	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	210	210	< 0.005	0.01	0.81	213
Vendor	0.02	0.01	0.40	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.57	230
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.82	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	186	186	< 0.005	0.01	0.02	189
Vendor	0.02	0.01	0.42	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.01	229
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.29	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	0.12	66.3
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.1	75.1	< 0.005	0.01	0.08	78.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.01	13.0
Hauling	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	0.00

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.44	5.44	< 0.005	< 0.005	—	5.46
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.77	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	183	183	< 0.005	0.01	0.02	185
Vendor	0.02	0.01	0.40	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.01	225
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.94	2.94	< 0.005	< 0.005	< 0.005	3.08
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.51
Hauling	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	0.00

3.8. Building Construction (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.55	9.17	15.0	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.44	5.44	< 0.005	< 0.005	—	5.46
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.77	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	183	183	< 0.005	0.01	0.02	185
Vendor	0.02	0.01	0.40	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.01	225
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.94	2.94	< 0.005	< 0.005	< 0.005	3.08
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.51
Hauling	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	0.00

3.9. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.03	0.01	0.52	0.19	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	289	289	0.02	0.04	0.75	303
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Hauling	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	0.00

3.10. Paving (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.46	6.78	10.6	0.01	0.10	—	0.10	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.37	0.58	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.07	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.03	0.01	0.52	0.19	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	289	289	0.02	0.04	0.75	303
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62

Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Hauling	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	0.00

3.11. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	19.9	19.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34

Architect ural	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architect ural Coating s	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	< 0.005	37.0
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	56.7	56.7	< 0.005	0.01	< 0.005	59.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.11	3.11	< 0.005	< 0.005	< 0.005	3.25
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Hauling	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	0.00

3.12. Architectural Coating (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	19.9	19.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	< 0.005	37.0
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	56.7	56.7	< 0.005	0.01	< 0.005	59.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.11	3.11	< 0.005	< 0.005	< 0.005	3.25
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2025	5/14/2025	5.00	10.0	—
Grading	Grading	5/15/2025	6/11/2025	5.00	20.0	—
Building Construction	Building Construction	7/10/2025	1/7/2026	5.00	130	—
Paving	Paving	6/12/2025	7/9/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	1/5/2026	2/1/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Back	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20

Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	2.00	8.80	HHDT,MHDT
Grading	Hauling	12.5	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	18.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	7.58	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	10.0	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.69	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	2.00	8.80	HHDT,MHDT
Grading	Hauling	12.5	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	18.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	7.58	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	10.0	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.69	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	69,372	23,124	16,388

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	15.0	0.00	—

Grading	1,000	1,000	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	6.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Other Non-Asphalt Surfaces	1.08	0%
Parking Lot	5.19	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	375	0.01	< 0.005
2026	0.00	375	0.01	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Land Use	7.2-acre site An approximately 40,500 square foot (sf.) building consisting of a 9,500 sf. two-story office, 36,748 sf. warehouse, 34 parking spaces, and onsite improvements including drive aisles, curb, gutter, sidewalk, lighting, trash enclosure, and landscaping.
Construction: Construction Phases	No demolition or removal of hardscape. Anticipated construction schedule. Adjusted building construction schedule to match applicant-provided total construction duration.

Construction: Trips and VMT	Minimal import/export expected, as the lot is largely flat and will only require minimal leveling. 1,000 cubic yards of import and 1,000 cubic yards of export accounted for in the grading phase. Vendor trips added to the stie preparation, grading, building construction, paving, and architectural coating to account for miscellaneous trips. Default vendor trips retained in the building construction phase.
Operations: Vehicle Data	Construction only run
Operations: Fleet Mix	Construction only run
Operations: Energy Use	Construction only run

Mitigated Construction – Level 3 Filters Scenario Custom Report

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4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

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4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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5.1. Construction Schedule

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5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Mitigated Construction – Level 3 Filters Scenario
Construction Start Date	5/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	39.2
Location	38.662767, -121.437217
County	Sacramento
City	Sacramento
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	639
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	36.7	1000sqft	0.84	36,748	0.00	—	—	—

General Office Building	9.50	1000sqft	0.09	9,500	0.00	—	—	—
Other Non-Asphalt Surfaces	1.08	Acre	1.08	0.00	0.00	—	—	—
Parking Lot	5.19	Acre	5.19	0.00	26,856	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-6	Use Diesel Particulate Filters

2. Emissions Summary

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.39	31.8	31.3	0.05	1.37	7.86	9.22	1.26	3.99	5.24	—	5,552	5,552	0.22	0.19	2.75	5,576
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.45	1.20	10.9	14.0	0.02	0.43	0.24	0.68	0.40	0.06	0.46	—	2,803	2,803	0.12	0.06	0.04	2,824
2026	21.4	21.2	11.3	15.2	0.03	0.41	0.30	0.70	0.37	0.07	0.45	—	3,021	3,021	0.13	0.07	0.04	3,045
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.82	0.69	6.05	7.30	0.01	0.25	0.48	0.73	0.23	0.21	0.44	—	1,445	1,445	0.06	0.04	0.31	1,457
2026	1.12	1.11	0.19	0.26	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01	—	50.8	50.8	< 0.005	< 0.005	0.01	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.15	0.13	1.10	1.33	< 0.005	0.04	0.09	0.13	0.04	0.04	0.08	—	239	239	0.01	0.01	0.05	241

2026	0.20	0.20	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.41	8.41	< 0.005	< 0.005	< 0.005	8.50
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2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.39	31.8	31.3	0.05	0.21	7.86	8.06	0.19	3.99	4.17	—	5,552	5,552	0.22	0.19	2.75	5,576
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.45	1.20	10.9	14.0	0.02	0.13	0.24	0.37	0.12	0.06	0.18	—	2,803	2,803	0.12	0.06	0.04	2,824
2026	21.4	21.2	11.3	15.2	0.03	0.14	0.30	0.44	0.13	0.07	0.20	—	3,021	3,021	0.13	0.07	0.04	3,045
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.82	0.69	6.05	7.30	0.01	0.07	0.48	0.55	0.06	0.21	0.27	—	1,445	1,445	0.06	0.04	0.31	1,457
2026	1.12	1.11	0.19	0.26	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	< 0.005	0.01	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.15	0.13	1.10	1.33	< 0.005	0.01	0.09	0.10	0.01	0.04	0.05	—	239	239	0.01	0.01	0.05	241
2026	0.20	0.20	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.41	8.41	< 0.005	< 0.005	< 0.005	8.50

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.87	0.83	< 0.005	0.04	—	0.04	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	1.05	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	199	199	< 0.005	0.01	0.76	202
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	0.01	5.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.58	1.58	< 0.005	< 0.005	< 0.005	1.66
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.27
Hauling	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	0.00

3.2. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	0.20	—	0.20	0.19	—	0.19	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.87	0.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	1.05	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	199	199	< 0.005	0.01	0.76	202
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	0.01	5.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.58	1.58	< 0.005	< 0.005	< 0.005	1.66
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.82	0.82	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.27
Hauling	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	0.00

3.3. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173

Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	0.11	0.02	1.67	0.65	0.01	0.02	0.24	0.25	0.02	0.06	0.08	—	926	926	0.09	0.15	1.95	974
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.17	3.17	< 0.005	< 0.005	< 0.005	3.32
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.05	53.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.83

3.4. Grading (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.13	—	0.13	0.12	—	0.12	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	57.8	57.8	< 0.005	0.01	0.15	60.6
Hauling	0.11	0.02	1.67	0.65	0.01	0.02	0.24	0.25	0.02	0.06	0.08	—	926	926	0.09	0.15	1.95	974
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.17	3.17	< 0.005	< 0.005	< 0.005	3.32
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.05	53.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	8.83

3.5. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.43	—	0.43	0.40	—	0.40	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.39	3.58	4.47	0.01	0.15	—	0.15	0.14	—	0.14	—	821	821	0.03	0.01	—	824
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.65	0.82	< 0.005	0.03	—	0.03	0.02	—	0.02	—	136	136	0.01	< 0.005	—	136
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.11	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	210	210	< 0.005	0.01	0.81	213
Vendor	0.02	0.01	0.40	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.57	230
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.82	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	186	186	< 0.005	0.01	0.02	189
Vendor	0.02	0.01	0.42	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.01	229
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.29	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	0.12	66.3
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.1	75.1	< 0.005	0.01	0.08	78.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.01	13.0
Hauling	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	0.00

3.6. Building Construction (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.13	—	0.13	0.12	—	0.12	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	10.4	13.0	0.02	0.13	—	0.13	0.12	—	0.12	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.39	3.58	4.47	0.01	0.04	—	0.04	0.04	—	0.04	—	821	821	0.03	0.01	—	824
Onsite truck	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	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.65	0.82	< 0.005	0.01	—	0.01	0.01	—	0.01	—	136	136	0.01	< 0.005	—	136
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.11	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	210	210	< 0.005	0.01	0.81	213
Vendor	0.02	0.01	0.40	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.57	230
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.82	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	186	186	< 0.005	0.01	0.02	189
Vendor	0.02	0.01	0.42	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	219	219	0.01	0.03	0.01	229
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.29	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	0.12	66.3
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.1	75.1	< 0.005	0.01	0.08	78.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.01	13.0
Hauling	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	0.00

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.44	5.44	< 0.005	< 0.005	—	5.46
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.77	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	183	183	< 0.005	0.01	0.02	185
Vendor	0.02	0.01	0.40	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.01	225
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.94	2.94	< 0.005	< 0.005	< 0.005	3.08
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.51
Hauling	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	0.00

3.8. Building Construction (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.44	5.44	< 0.005	< 0.005	—	5.46
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.77	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	183	183	< 0.005	0.01	0.02	185
Vendor	0.02	0.01	0.40	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.01	225
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.94	2.94	< 0.005	< 0.005	< 0.005	3.08
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.51
Hauling	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	0.00

3.9. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.03	0.01	0.52	0.19	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	289	289	0.02	0.04	0.75	303
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Hauling	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	0.00

3.10. Paving (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.12	—	0.12	0.11	—	0.11	—	1,511	1,511	0.06	0.01	—	1,517
Paving	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.90	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.65	173
Vendor	0.03	0.01	0.52	0.19	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	289	289	0.02	0.04	0.75	303
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.02	8.62

Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.8	15.8	< 0.005	< 0.005	0.02	16.6
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Hauling	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	0.00

3.11. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	19.9	19.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34

Architectural	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	< 0.005	37.0
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	56.7	56.7	< 0.005	0.01	< 0.005	59.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.11	3.11	< 0.005	< 0.005	< 0.005	3.25
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Hauling	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	0.00

3.12. Architectural Coating (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	19.9	19.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	< 0.005	37.0
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	56.7	56.7	< 0.005	0.01	< 0.005	59.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.11	3.11	< 0.005	< 0.005	< 0.005	3.25
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2025	5/14/2025	5.00	10.0	—
Grading	Grading	5/15/2025	6/11/2025	5.00	20.0	—
Building Construction	Building Construction	7/10/2025	1/7/2026	5.00	130	—
Paving	Paving	6/12/2025	7/9/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	1/5/2026	2/1/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Back	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20

Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	2.00	8.80	HHDT,MHDT
Grading	Hauling	12.5	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	18.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	7.58	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	10.0	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.69	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	2.00	8.80	HHDT,MHDT
Grading	Hauling	12.5	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	18.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	7.58	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	10.0	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.69	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	69,372	23,124	16,388

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	15.0	0.00	—

Grading	1,000	1,000	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	6.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Other Non-Asphalt Surfaces	1.08	0%
Parking Lot	5.19	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	375	0.01	< 0.005
2026	0.00	375	0.01	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
--------------------	---------------	-------------

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
-----------	--------	------------------------------	------------------------------

8. User Changes to Default Data

Screen	Justification
Land Use	7.2-acre site An approximately 40,500 square foot (sf.) building consisting of a 9,500 sf. two-story office, 36,748 sf. warehouse, 34 parking spaces, and onsite improvements including drive aisles, curb, gutter, sidewalk, lighting, trash enclosure, and landscaping.
Construction: Construction Phases	No demolition or removal of hardscape. Anticipated construction schedule. Adjusted building construction schedule to match applicant-provided total construction duration.

Construction: Trips and VMT	Minimal import/export expected, as the lot is largely flat and will only require minimal leveling. 1,000 cubic yards of import and 1,000 cubic yards of export accounted for in the grading phase. Vendor trips added to the stie preparation, grading, building construction, paving, and architectural coating to account for miscellaneous trips. Default vendor trips retained in the building construction phase.
Operations: Vehicle Data	Construction only run
Operations: Fleet Mix	Construction only run
Operations: Energy Use	Construction only run

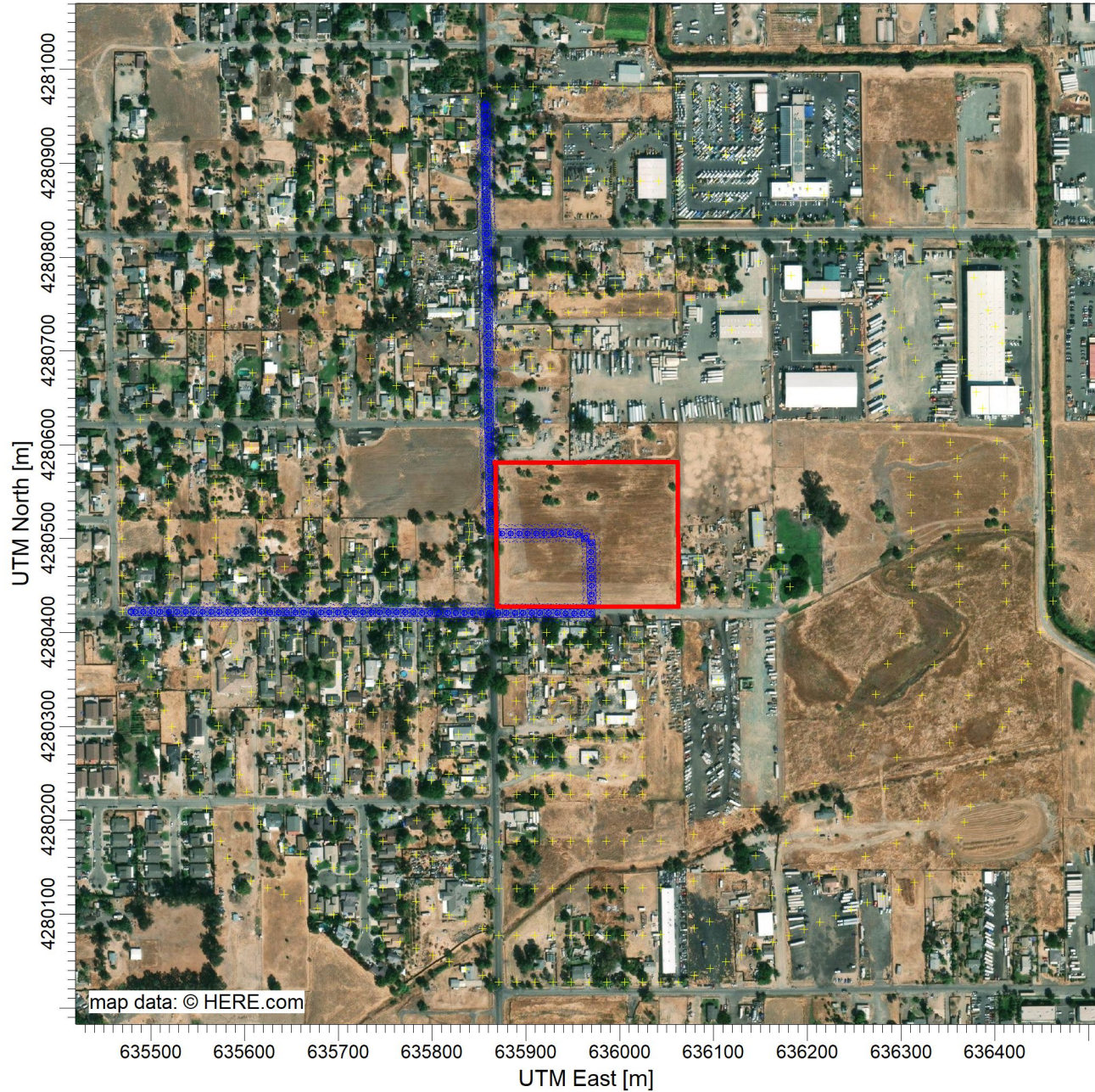
ATTACHMENT B

Construction and Operational Health Risk Assessments

Health Risk Assessments

General Parameters

PROJECT TITLE:
Graphical Representation of AERMOD Inputs — Construction



COMMENTS:	SOURCES:	COMPANY NAME:	
	4		
	RECEPTORS:	MODELER:	
	784		
		SCALE: 1:6,842 0  0.2 km	
		DATE: 3/3/2025	PROJECT NO.:

PROJECT TITLE:
Graphical Representation of AERMOD Inputs — Operations

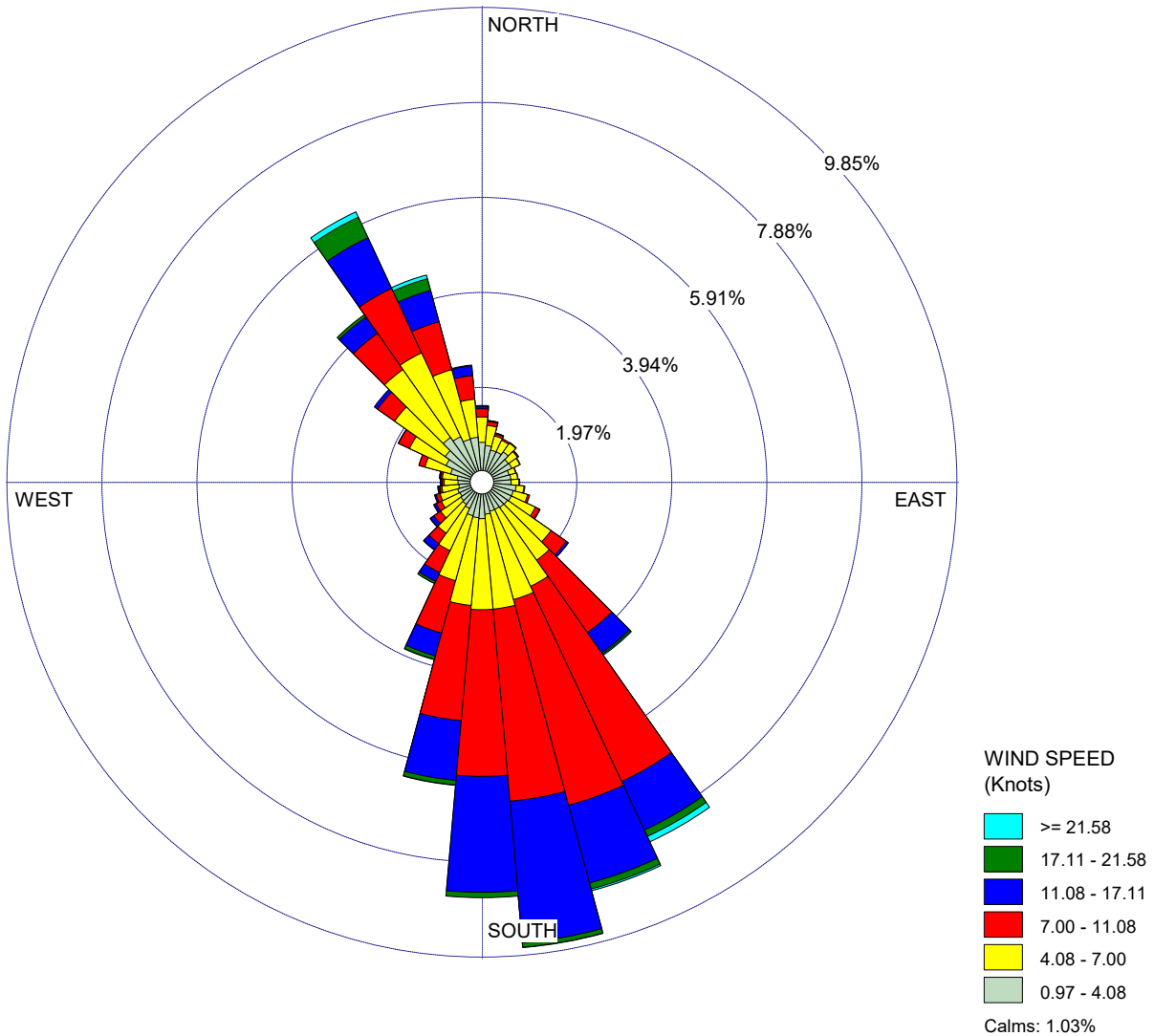


COMMENTS:	SOURCES:	COMPANY NAME:	
	5		
	RECEPTORS:	MODELER:	
	784		
		SCALE: 1:6,375	
		0  0.2 km	
		DATE: 3/3/2025	PROJECT NO.:

WIND ROSE PLOT:

Wind Rose – Station #93225 (Sacramento KSMF) – Blowing From

DISPLAY:

Wind Speed
Direction (blowing from)

COMMENTS:

DATA PERIOD:

Start Date: 1/1/2014 - 00:00
End Date: 12/25/2018 - 23:59

COMPANY NAME:

MODELER:

CALM WINDS:

1.03%

TOTAL COUNT:

43513 hrs.

AVG. WIND SPEED:

7.07 Knots

DATE:

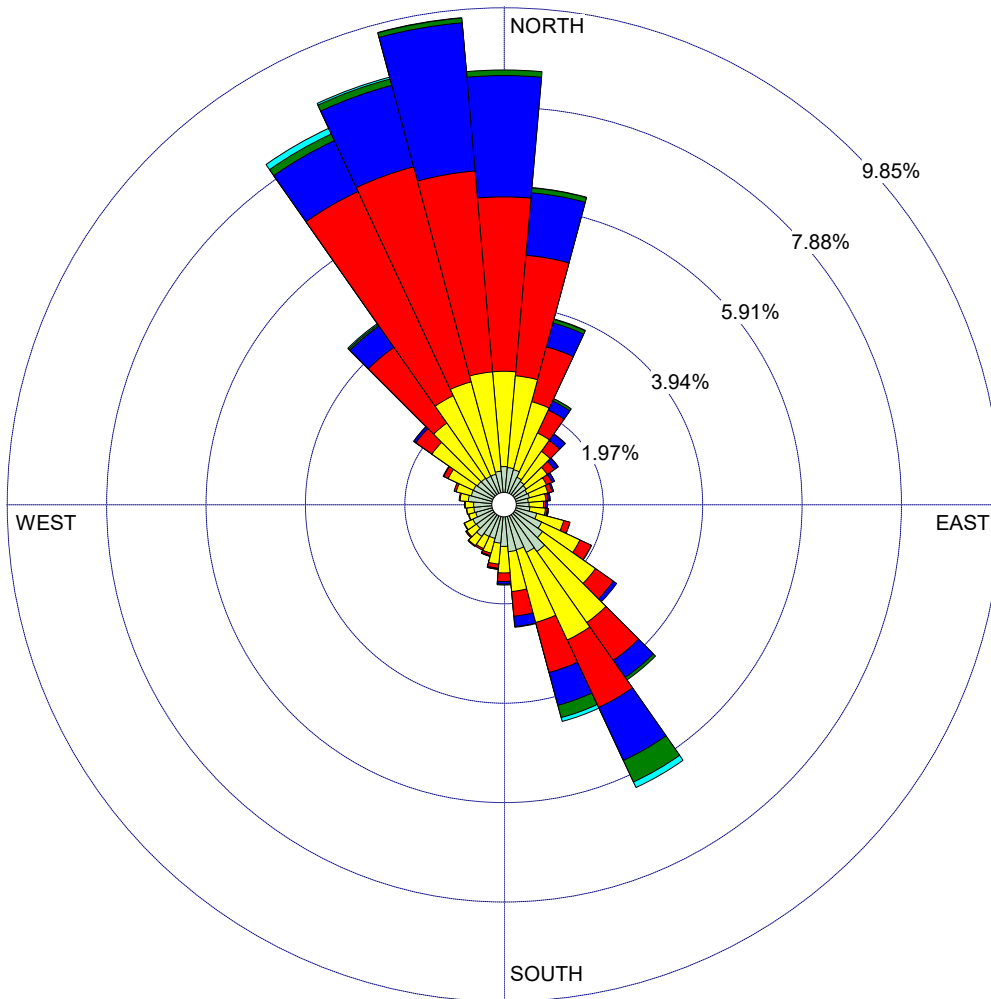
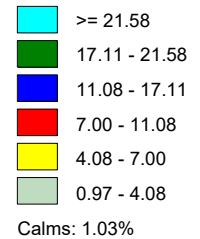
3/3/2025

PROJECT NO.:

WIND ROSE PLOT:

Wind Rose – Station #93225 (Sacramento KSMF) – Blowing To

DISPLAY:

Wind Speed
Flow Vector (blowing to)WIND SPEED
(Knots)

COMMENTS:

DATA PERIOD:

Start Date: 1/1/2014 - 00:00
End Date: 12/25/2018 - 23:59

COMPANY NAME:

MODELER:

CALM WINDS:

1.03%

TOTAL COUNT:

43513 hrs.

AVG. WIND SPEED:

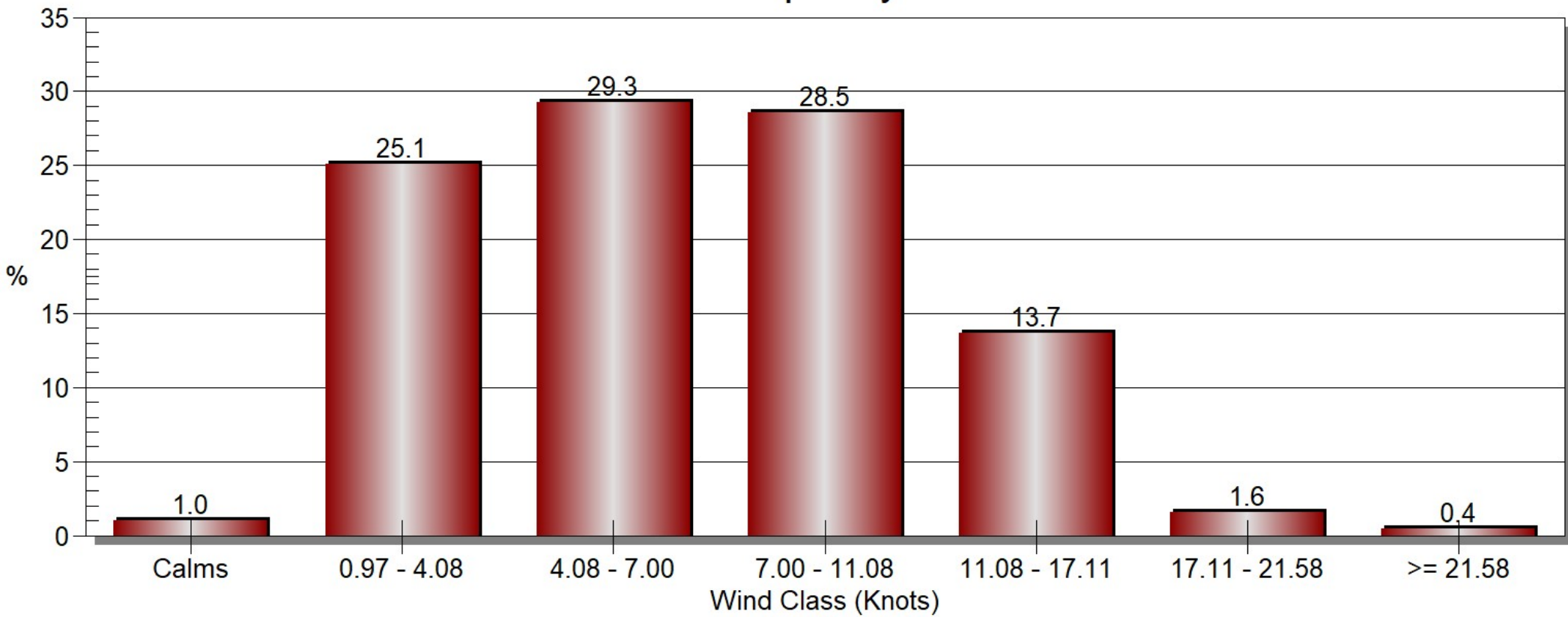
7.07 Knots

DATE:

3/3/2025

PROJECT NO.:

Wind Class Frequency Distribution



Health Risk Assessment

Unmitigated Construction

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

Estimation of Annual Onsite Construction Emissions

Start of Construction	5/1/2025	
End of Construction	2/1/2026	Total
Number of Days	276	276
Number of Hours	6,624	6,624

Size of the construction area source: **29,864.5** sq-meters

Run	Year	On-site Construction Activity	Unmitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	13.6555
Project Construction	2025	Grading	14.4395
Project Construction	2025	Paving	6.9718
Project Construction	2025	Building Construction	53.9801
Project Construction	2026	Building Construction	1.8933
Project Construction	2026	Architectural Coating	0.4631

Total Unmitigated DPM (On-site) 9.140E+01 pounds

Factor in AERMOD to Account for 5 days per week/8 hours per day: 4.2

Average Emission for Project Site (AREA) 4.150E+04 grams
1.740E-03 grams/sec
5.827E-08 grams/m2-sec

Pounds/Construction Period 9.140E+01
Pounds/Day 3.312E-01
Pounds/Hour 1.380E-02
Pounds/Year 1.209E+02
Years 0.75616

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

Estimation of Annual Offsite Construction DPM Emissions (Unmitigated)

Start of Construction	5/1/2025				Total	
End of Construction	2/1/2026					
Number of Days	276					
Number of Hours	6,624					
	2025	2025	2025	2025+2026	2026	Total
	Project	Project	Project	Project	Project	
	Construction	Construction	Construction	Construction	Construction	
				Building	Architectural	
Construction Trip Type	Site Preparation	Grading	Paving	Construction	Coating	(pounds)
Total (pounds)	0.00820	0.35261	0.08201	0.40407545	0.01640	0.86330
	Haul Truck	Vendor Truck	Worker	Total		
Site Preparation	0.00	20.00	175.00	195.00		
Grading	250.00	40.00	300.00	590.00		
Paving	0.00	200.00	300.00	500.00		
Building Construction	0.00	985.41	2,401.64	3,387.05		
Architectural Coating	0.00	40.00	73.90	113.90		
Total	250.00	1,285.41	3,250.54	4,785.94		
	Haul Truck	Vendor Truck	Worker	Total		
	(pounds)	(pounds)	(pounds)	(pounds)		
Total DPM	4.510E-02	2.319E-01	5.863E-01	8.633E-01		
Average Emissions						
Grams	2.047E+01	1.053E+02	2.662E+02			
Grams/sec	8.586E-07	4.414E-06	1.116E-05			
Default Distance	20	8.8	14.3	Default Vehicle Travel Distance in CalEEMod		
Vehicle Travel Distances in the Construction HRA (miles)						
Off-site Road Segment 1	0.31	0.31	0.31	miles		
Off-site Road Segment 2	0.29	0.29	0.29	miles		
Onsite, On-road Construction Vehicles	0.11	0.11	0.11	miles		
Trip Distribution (percent)						
Off-site Road Segment 1	50.0%	50.0%	50.0%	off-site		
Off-site Road Segment 2	50.0%	50.0%	50.0%	off-site		
Onsite, On-road Construction Vehicles	100.0%	100.0%	100.0%	on-site		
Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				Total		
Off-site Road Segment 1	6.646E-09	7.766E-08	1.209E-07	2.052E-07		
Off-site Road Segment 2	6.164E-09	7.203E-08	1.121E-07	1.903E-07		
Onsite, On-road Construction Vehicles	4.509E-09	5.269E-08	8.199E-08	1.392E-07		
	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year	
Off-site Road Segment 1	2.052E-07	1.628E-06	3.908E-05	1.426E-02	7.132E-06	
Off-site Road Segment 2	1.903E-07	1.510E-06	3.625E-05	1.323E-02	6.615E-06	
Onsite, On-road Construction Vehicles	1.392E-07	1.105E-06	2.651E-05	7.318E-03	3.659E-06	

Health Risk Summary - Unmitigated Construction (Summary of HARP2 Results)

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	1.0139E-05	10.14	1.4649E-02	0.00E+00
	X	Y		
MER UTM	635979.66	4280400.34		
Lat/Long	38°39'42.3"N	121°26'13.6"W		
	38.661749, -121.437104			
Receptor # 152				

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Cancer Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Chronic Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Acute Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI	MAXHI
						NonCancerChronic	Acute
1	ALL	636083.85	4280479.37	8.25340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.193E-02	0.00E+00
2	ALL	636073.64	4280454.68	1.00210E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.448E-02	0.00E+00
3	ALL	636101.75	4280447.53	5.16670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.465E-03	0.00E+00
4	ALL	636139.65	4280461.09	2.35110E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.397E-03	0.00E+00
5	ALL	636141.74	4280448.13	2.31970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.352E-03	0.00E+00
6	ALL	636161.45	4280467.59	1.60510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.319E-03	0.00E+00
7	ALL	636161.74	4280448.43	1.67120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.415E-03	0.00E+00
8	ALL	636175.26	4280467.63	1.30520E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.886E-03	0.00E+00
9	ALL	636181.74	4280448.73	1.24860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.804E-03	0.00E+00
10	ALL	636200.59	4280525.66	8.53560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.233E-03	0.00E+00
11	ALL	636118.66	4280722.88	1.37360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.985E-03	0.00E+00
12	ALL	636138.95	4280728.58	1.09380E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.580E-03	0.00E+00
13	ALL	636107.44	4280741.56	1.39980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.022E-03	0.00E+00
14	ALL	636075.93	4280754.54	1.71600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.479E-03	0.00E+00
15	ALL	636207.70	4280705.93	6.24270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.020E-04	0.00E+00
16	ALL	636147.75	4280744.97	9.46010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.367E-03	0.00E+00
17	ALL	636130.24	4280752.18	1.07890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.559E-03	0.00E+00
18	ALL	636112.74	4280759.40	1.22250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.766E-03	0.00E+00
19	ALL	636095.23	4280766.61	1.36970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.979E-03	0.00E+00
20	ALL	636077.73	4280773.82	1.51010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.182E-03	0.00E+00
21	ALL	636302.28	4280602.19	3.44810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.982E-04	0.00E+00
22	ALL	636294.85	4280619.61	3.60210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.204E-04	0.00E+00
23	ALL	636287.42	4280637.02	3.74430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.410E-04	0.00E+00
24	ALL	636279.99	4280654.44	3.88100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.607E-04	0.00E+00
25	ALL	636272.56	4280671.85	4.00850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.792E-04	0.00E+00
26	ALL	636257.69	4280706.68	4.22460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.104E-04	0.00E+00
27	ALL	636250.26	4280724.09	4.32410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.247E-04	0.00E+00
28	ALL	636242.83	4280741.50	4.41350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.377E-04	0.00E+00
29	ALL	636217.89	4280766.13	5.01310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.243E-04	0.00E+00
30	ALL	636200.39	4280773.34	5.60700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.101E-04	0.00E+00
31	ALL	636182.88	4280780.55	6.27870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.072E-04	0.00E+00
32	ALL	636165.38	4280787.76	7.03370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.016E-03	0.00E+00
33	ALL	636147.87	4280794.97	7.88160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.139E-03	0.00E+00
34	ALL	636130.36	4280802.18	8.79350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.271E-03	0.00E+00
35	ALL	636112.86	4280809.40	9.73630E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.407E-03	0.00E+00
36	ALL	636095.35	4280807.67	1.11340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.609E-03	0.00E+00
37	ALL	636309.71	4280584.78	3.29600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.762E-04	0.00E+00
38	ALL	636310.00	4280565.62	3.29060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.754E-04	0.00E+00
39	ALL	636310.29	4280546.47	3.27920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.738E-04	0.00E+00
40	ALL	636310.57	4280527.31	3.26780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.721E-04	0.00E+00
41	ALL	636310.86	4280508.15	3.26340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.715E-04	0.00E+00
42	ALL	636311.15	4280488.99	3.27440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.731E-04	0.00E+00
43	ALL	636311.44	4280469.84	3.30830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.780E-04	0.00E+00
44	ALL	636311.72	4280450.68	3.37120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.871E-04	0.00E+00
45	ALL	636312.01	4280431.52	3.46540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.007E-04	0.00E+00
46	ALL	636352.27	4280602.95	2.51050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.627E-04	0.00E+00
47	ALL	636344.84	4280620.36	2.60760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.768E-04	0.00E+00
48	ALL	636337.41	4280637.77	2.70020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.901E-04	0.00E+00
49	ALL	636329.98	4280655.19	2.78840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.029E-04	0.00E+00
50	ALL	636322.55	4280672.60	2.87830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.159E-04	0.00E+00
51	ALL	636315.12	4280690.01	2.95980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.276E-04	0.00E+00
52	ALL	636307.69	4280707.43	3.03270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.382E-04	0.00E+00
53	ALL	636300.26	4280724.84	3.10590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.488E-04	0.00E+00
54	ALL	636292.82	4280742.25	3.17770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.591E-04	0.00E+00
55	ALL	636285.39	4280759.67	3.24270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.685E-04	0.00E+00
56	ALL	636277.96	4280777.08	3.29960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.767E-04	0.00E+00
57	ALL	636253.03	4280801.71	3.66760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.299E-04	0.00E+00
58	ALL	636235.52	4280808.92	4.03740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.833E-04	0.00E+00
59	ALL	636218.01	4280816.13	4.44960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.429E-04	0.00E+00
60	ALL	636200.51	4280823.34	4.90580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.088E-04	0.00E+00
61	ALL	636183.00	4280830.55	5.41610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.825E-04	0.00E+00
62	ALL	636165.50	4280837.76	5.98700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.650E-04	0.00E+00

63	ALL	636147.99	4280844.97	6.61070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.551E-04	0.000E+00
64	ALL	636130.48	4280852.18	7.25320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.048E-03	0.000E+00
65	ALL	636112.98	4280859.40	7.89780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.141E-03	0.000E+00
66	ALL	636095.47	4280866.61	8.52180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.231E-03	0.000E+00
67	ALL	636077.97	4280873.82	9.09410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.314E-03	0.000E+00
68	ALL	636359.71	4280585.53	2.40440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.474E-04	0.000E+00
69	ALL	636359.99	4280566.37	2.39410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.459E-04	0.000E+00
70	ALL	636360.28	4280547.22	2.37890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.437E-04	0.000E+00
71	ALL	636360.57	4280528.06	2.36330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.415E-04	0.000E+00
72	ALL	636360.86	4280508.90	2.35250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.399E-04	0.000E+00
73	ALL	636361.14	4280489.74	2.35090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.397E-04	0.000E+00
74	ALL	636361.43	4280470.59	2.36270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.414E-04	0.000E+00
75	ALL	636361.72	4280451.43	2.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.456E-04	0.000E+00
76	ALL	636362.01	4280432.27	2.44160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.528E-04	0.000E+00
77	ALL	636402.27	4280603.70	1.90150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.747E-04	0.000E+00
78	ALL	636394.84	4280621.11	1.97230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.850E-04	0.000E+00
79	ALL	636387.41	4280638.52	2.04030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.948E-04	0.000E+00
80	ALL	636379.98	4280655.94	2.10450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.041E-04	0.000E+00
81	ALL	636372.54	4280673.35	2.16470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.128E-04	0.000E+00
82	ALL	636365.11	4280690.76	2.22180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.210E-04	0.000E+00
83	ALL	636357.68	4280708.18	2.27720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.290E-04	0.000E+00
84	ALL	636350.25	4280725.59	2.33090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.368E-04	0.000E+00
85	ALL	636342.82	4280743.00	2.38290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.443E-04	0.000E+00
86	ALL	636335.39	4280760.42	2.42850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.509E-04	0.000E+00
87	ALL	636327.96	4280777.83	2.47140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.571E-04	0.000E+00
88	ALL	636320.53	4280795.24	2.51440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.633E-04	0.000E+00
89	ALL	636313.09	4280812.66	2.55090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.686E-04	0.000E+00
90	ALL	636288.16	4280837.28	2.80160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.048E-04	0.000E+00
91	ALL	636270.65	4280844.49	3.04150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.394E-04	0.000E+00
92	ALL	636253.15	4280851.71	3.30910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.781E-04	0.000E+00
93	ALL	636235.64	4280858.92	3.60290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.206E-04	0.000E+00
94	ALL	636218.13	4280866.13	3.93230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.682E-04	0.000E+00
95	ALL	636200.63	4280873.34	4.29850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.210E-04	0.000E+00
96	ALL	636183.12	4280880.55	4.69850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.788E-04	0.000E+00
97	ALL	636165.62	4280887.76	5.13220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.415E-04	0.000E+00
98	ALL	636148.11	4280894.97	5.59430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.083E-04	0.000E+00
99	ALL	636130.60	4280902.18	6.05850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.753E-04	0.000E+00
100	ALL	636113.10	4280909.40	6.51410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.412E-04	0.000E+00
101	ALL	636095.59	4280916.61	6.94710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.004E-03	0.000E+00
102	ALL	636078.09	4280923.82	7.33840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.060E-03	0.000E+00
103	ALL	636409.70	4280586.28	1.82590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.638E-04	0.000E+00
104	ALL	636409.99	4280567.12	1.81400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.621E-04	0.000E+00
105	ALL	636410.28	4280547.97	1.80140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.603E-04	0.000E+00
106	ALL	636410.56	4280528.81	1.78740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.583E-04	0.000E+00
107	ALL	636410.85	4280509.65	1.77500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.565E-04	0.000E+00
108	ALL	636411.14	4280490.49	1.76850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
109	ALL	636411.43	4280471.34	1.77090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.559E-04	0.000E+00
110	ALL	636411.71	4280452.18	1.78470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.579E-04	0.000E+00
111	ALL	636412.00	4280433.02	1.81170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.618E-04	0.000E+00
112	ALL	636452.26	4280604.45	1.49090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.154E-04	0.000E+00
113	ALL	636444.83	4280621.86	1.54400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.231E-04	0.000E+00
114	ALL	636437.40	4280639.27	1.59430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.303E-04	0.000E+00
115	ALL	636429.97	4280656.69	1.64150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.372E-04	0.000E+00
116	ALL	636422.54	4280674.10	1.68590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.436E-04	0.000E+00
117	ALL	636415.11	4280691.51	1.72800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.497E-04	0.000E+00
118	ALL	636407.68	4280708.93	1.76840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
119	ALL	636400.24	4280726.34	1.80700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.611E-04	0.000E+00
120	ALL	636392.81	4280743.75	1.84280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.663E-04	0.000E+00
121	ALL	636385.38	4280761.17	1.87940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.715E-04	0.000E+00
122	ALL	636377.95	4280778.58	1.91560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.768E-04	0.000E+00
123	ALL	636370.52	4280796.00	1.95010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.818E-04	0.000E+00
124	ALL	636363.09	4280813.41	1.98020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.861E-04	0.000E+00
125	ALL	636355.66	4280830.82	2.00640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.899E-04	0.000E+00
126	ALL	636348.23	4280848.24	2.03180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.936E-04	0.000E+00
127	ALL	636323.29	4280872.86	2.20640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.188E-04	0.000E+00
128	ALL	636305.78	4280880.07	2.37240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.428E-04	0.000E+00
129	ALL	636288.28	4280887.28	2.55500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.692E-04	0.000E+00
130	ALL	636270.77	4280894.49	2.75890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.986E-04	0.000E+00
131	ALL	636253.27	4280901.71	2.97970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.305E-04	0.000E+00
132	ALL	636235.76	4280908.92	3.22030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.653E-04	0.000E+00
133	ALL	636218.25	4280916.13	3.48970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.042E-04	0.000E+00
134	ALL	636200.75	4280923.34	3.78250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.465E-04	0.000E+00
135	ALL	636183.24	4280930.55	4.09660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.919E-04	0.000E+00
136	ALL	636165.74	4280937.76	4.43040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.401E-04	0.000E+00
137	ALL	636148.23	4280944.97	4.77880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.905E-04	0.000E+00
138	ALL	636130.72	4280952.18	5.12180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.400E-04	0.000E+00
139	ALL	636113.22	4280959.40	5.45220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.877E-04	0.000E+00
140	ALL	636095.71	4280966.61	5.76140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.324E-04	0.000E+00
141	ALL	636078.21	4280973.82	6.03730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.723E-04	0.000E+00
142	ALL	636459.69	4280587.03	1.43580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.074E-04	0.000E+00
143	ALL	636459.98	4280567.87	1.42390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.057E-04	0.000E+00
144	ALL	636460.27	4280548.72	1.41090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.039E-04	0.000E+00

145	ALL	636460.56	4280529.56	1.39780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.020E-04	0.000E+00
146	ALL	636460.84	4280510.40	1.38650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.003E-04	0.000E+00
147	ALL	636461.13	4280491.24	1.37840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.992E-04	0.000E+00
148	ALL	636461.42	4280472.09	1.37660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.989E-04	0.000E+00
149	ALL	636461.71	4280452.93	1.38280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.998E-04	0.000E+00
150	ALL	636461.99	4280433.77	1.39810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.020E-04	0.000E+00
151	ALL	636018.02	4280400.44	1.01240E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.463E-02	0.000E+00
152	ALL	635979.66	4280400.34	1.01390E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.465E-02	0.000E+00
153	ALL	635960.48	4280400.30	9.86180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.425E-02	0.000E+00
154	ALL	635941.30	4280400.25	9.33210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.348E-02	0.000E+00
155	ALL	635922.12	4280400.21	8.39830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.213E-02	0.000E+00
156	ALL	635886.61	4280399.68	5.29490E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.650E-03	0.000E+00
157	ALL	636023.77	4280387.68	8.35340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.207E-02	0.000E+00
158	ALL	636004.59	4280387.63	8.45750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.222E-02	0.000E+00
159	ALL	635985.41	4280387.59	8.37840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.211E-02	0.000E+00
160	ALL	635966.23	4280387.54	8.12710E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.174E-02	0.000E+00
161	ALL	635947.05	4280387.49	7.68210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.110E-02	0.000E+00
162	ALL	635927.87	4280387.45	6.93770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.002E-02	0.000E+00
163	ALL	635908.69	4280387.40	5.83770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.434E-03	0.000E+00
164	ALL	635889.51	4280387.36	4.42860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.399E-03	0.000E+00
165	ALL	636023.82	4280367.68	6.33850E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.158E-03	0.000E+00
166	ALL	636004.64	4280367.63	6.37630E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.213E-03	0.000E+00
167	ALL	635985.46	4280367.59	6.26130E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.046E-03	0.000E+00
168	ALL	635966.28	4280367.54	5.99250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.658E-03	0.000E+00
169	ALL	635947.10	4280367.49	5.55400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.024E-03	0.000E+00
170	ALL	635927.92	4280367.45	4.91200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.097E-03	0.000E+00
171	ALL	635908.74	4280367.40	4.07790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.892E-03	0.000E+00
172	ALL	635889.55	4280367.36	3.15960E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.565E-03	0.000E+00
173	ALL	636023.87	4280347.68	4.95930E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.165E-03	0.000E+00
174	ALL	636004.69	4280347.63	4.93740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.134E-03	0.000E+00
175	ALL	635985.51	4280347.59	4.79590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.929E-03	0.000E+00
176	ALL	635966.33	4280347.54	4.52970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.545E-03	0.000E+00
177	ALL	635947.15	4280347.49	4.13260E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.971E-03	0.000E+00
178	ALL	635927.96	4280347.45	3.60880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.214E-03	0.000E+00
179	ALL	635908.78	4280347.40	2.99560E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.328E-03	0.000E+00
180	ALL	635889.60	4280347.36	2.38580E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.447E-03	0.000E+00
181	ALL	636105.29	4280348.93	3.47280E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.018E-03	0.000E+00
182	ALL	636023.92	4280327.68	3.97490E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.743E-03	0.000E+00
183	ALL	636004.74	4280327.63	3.91400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.655E-03	0.000E+00
184	ALL	635985.56	4280327.59	3.75840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.430E-03	0.000E+00
185	ALL	635966.37	4280327.54	3.50580E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.065E-03	0.000E+00
186	ALL	635947.19	4280327.49	3.16300E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.570E-03	0.000E+00
187	ALL	635928.01	4280327.45	2.74610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.968E-03	0.000E+00
188	ALL	635908.83	4280327.40	2.29500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.316E-03	0.000E+00
189	ALL	635889.65	4280327.36	1.87660E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.711E-03	0.000E+00
190	ALL	636023.97	4280307.68	3.24120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.683E-03	0.000E+00
191	ALL	636004.78	4280307.63	3.15890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.564E-03	0.000E+00
192	ALL	635985.60	4280307.59	3.00150E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.337E-03	0.000E+00
193	ALL	635966.42	4280307.54	2.77190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.005E-03	0.000E+00
194	ALL	635947.24	4280307.49	2.48320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.588E-03	0.000E+00
195	ALL	635928.06	4280307.45	2.15510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.114E-03	0.000E+00
196	ALL	635908.88	4280307.40	1.82070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.631E-03	0.000E+00
197	ALL	635889.70	4280307.36	1.52030E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.197E-03	0.000E+00
198	ALL	636024.01	4280287.68	2.67980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.872E-03	0.000E+00
199	ALL	636004.83	4280287.63	2.58690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.738E-03	0.000E+00
200	ALL	635985.65	4280287.59	2.43640E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.520E-03	0.000E+00
201	ALL	635966.47	4280287.54	2.23400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.228E-03	0.000E+00
202	ALL	635947.29	4280287.49	1.99390E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.881E-03	0.000E+00
203	ALL	635928.11	4280287.45	1.73540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.507E-03	0.000E+00
204	ALL	635908.93	4280287.40	1.48310E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.143E-03	0.000E+00
205	ALL	635889.75	4280287.36	1.26020E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.821E-03	0.000E+00
206	ALL	636024.06	4280267.68	2.24220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.240E-03	0.000E+00
207	ALL	636004.88	4280267.63	2.14540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.100E-03	0.000E+00
208	ALL	635985.70	4280267.59	2.00600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.898E-03	0.000E+00
209	ALL	635966.52	4280267.54	1.83100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.645E-03	0.000E+00
210	ALL	635947.34	4280267.49	1.63230E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.358E-03	0.000E+00
211	ALL	635928.16	4280267.45	1.42740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.062E-03	0.000E+00
212	ALL	635908.98	4280267.40	1.23360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.782E-03	0.000E+00
213	ALL	635889.79	4280267.36	1.06350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.537E-03	0.000E+00
214	ALL	636024.11	4280247.68	1.89340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.736E-03	0.000E+00
215	ALL	636004.93	4280247.63	1.79860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.599E-03	0.000E+00
216	ALL	635985.75	4280247.59	1.67230E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.416E-03	0.000E+00
217	ALL	635966.57	4280247.54	1.52210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.199E-03	0.000E+00
218	ALL	635947.39	4280247.49	1.35840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.963E-03	0.000E+00
219	ALL	635928.20	4280247.45	1.19480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.726E-03	0.000E+00
220	ALL	635909.02	4280247.40	1.04320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.507E-03	0.000E+00
221	ALL	635889.84	4280247.36	9.10500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.316E-03	0.000E+00
222	ALL	636024.16	4280227.68	1.61270E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.330E-03	0.000E+00
223	ALL	636004.98	4280227.63	1.52280E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.200E-03	0.000E+00
224	ALL	635985.80	4280227.59	1.41030E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.038E-03	0.000E+00
225	ALL	635966.61	4280227.54	1.28200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.852E-03	0.000E+00
226	ALL	635947.43	4280227.49	1.14690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.657E-03	0.000E+00

227	ALL	635928.25	4280227.45	1.01510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.467E-03	0.000E+00
228	ALL	635909.07	4280227.40	8.94590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.293E-03	0.000E+00
229	ALL	635889.89	4280227.36	7.88950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.140E-03	0.000E+00
230	ALL	636078.79	4280184.57	1.28940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.863E-03	0.000E+00
231	ALL	636111.11	4280198.16	1.37750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.990E-03	0.000E+00
232	ALL	636143.42	4280211.76	1.36240E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.968E-03	0.000E+00
233	ALL	636175.73	4280225.35	1.24040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.792E-03	0.000E+00
234	ALL	636208.04	4280238.94	1.05040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.518E-03	0.000E+00
235	ALL	636246.86	4280268.81	8.05340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.164E-03	0.000E+00
236	ALL	636259.89	4280301.35	7.09470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.025E-03	0.000E+00
237	ALL	636272.92	4280333.89	6.01800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.695E-04	0.000E+00
238	ALL	636285.95	4280366.44	4.98510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.203E-04	0.000E+00
239	ALL	636298.98	4280398.98	4.11700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.948E-04	0.000E+00
240	ALL	636043.46	4280177.72	1.17500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.698E-03	0.000E+00
241	ALL	636024.28	4280177.68	1.11600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.612E-03	0.000E+00
242	ALL	636005.10	4280177.63	1.04350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.508E-03	0.000E+00
243	ALL	635985.92	4280177.59	9.61870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.390E-03	0.000E+00
244	ALL	635966.73	4280177.54	8.75650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.265E-03	0.000E+00
245	ALL	635947.55	4280177.49	7.90780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.143E-03	0.000E+00
246	ALL	635928.37	4280177.45	7.10940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-03	0.000E+00
247	ALL	635909.19	4280177.40	6.38690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.228E-04	0.000E+00
248	ALL	635890.01	4280177.36	5.75140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.310E-04	0.000E+00
249	ALL	635870.83	4280177.31	5.19920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.512E-04	0.000E+00
250	ALL	636079.16	4280134.67	9.56320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.382E-03	0.000E+00
251	ALL	636111.97	4280148.48	1.05200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.520E-03	0.000E+00
252	ALL	636144.78	4280162.28	1.08430E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.567E-03	0.000E+00
253	ALL	636177.59	4280176.08	1.04130E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.505E-03	0.000E+00
254	ALL	636210.39	4280189.89	9.33100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.348E-03	0.000E+00
255	ALL	636243.20	4280203.69	7.92240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.145E-03	0.000E+00
256	ALL	636282.63	4280234.01	6.17530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.922E-04	0.000E+00
257	ALL	636295.86	4280267.06	5.51650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.970E-04	0.000E+00
258	ALL	636309.09	4280300.10	4.76040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.878E-04	0.000E+00
259	ALL	636322.32	4280333.14	4.01200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.797E-04	0.000E+00
260	ALL	636335.55	4280366.19	3.35230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.843E-04	0.000E+00
261	ALL	636348.78	4280399.23	2.82600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.083E-04	0.000E+00
262	ALL	636043.58	4280127.72	8.52290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.231E-03	0.000E+00
263	ALL	636024.40	4280127.68	8.03030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.160E-03	0.000E+00
264	ALL	636005.22	4280127.63	7.47970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.081E-03	0.000E+00
265	ALL	635986.04	4280127.59	6.90110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.971E-04	0.000E+00
266	ALL	635966.85	4280127.54	6.32140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.133E-04	0.000E+00
267	ALL	635947.67	4280127.49	5.76750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.333E-04	0.000E+00
268	ALL	635928.49	4280127.45	5.25590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.594E-04	0.000E+00
269	ALL	635909.31	4280127.40	4.79510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.928E-04	0.000E+00
270	ALL	635890.13	4280127.36	4.38550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.336E-04	0.000E+00
271	ALL	635870.95	4280127.31	4.02350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.813E-04	0.000E+00
272	ALL	636079.47	4280084.75	7.26680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.050E-03	0.000E+00
273	ALL	636096.05	4280091.73	7.74330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.119E-03	0.000E+00
274	ALL	636129.22	4280105.68	8.46230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.223E-03	0.000E+00
275	ALL	636162.40	4280119.64	8.72690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.261E-03	0.000E+00
276	ALL	636178.98	4280126.62	8.65860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.251E-03	0.000E+00
277	ALL	636212.15	4280140.58	8.13990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.176E-03	0.000E+00
278	ALL	636228.74	4280147.55	7.72640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.116E-03	0.000E+00
279	ALL	636261.91	4280161.51	6.72280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.713E-04	0.000E+00
280	ALL	636295.09	4280175.47	5.64620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.158E-04	0.000E+00
281	ALL	636318.36	4280199.15	4.91780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.105E-04	0.000E+00
282	ALL	636325.05	4280215.86	4.67990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.762E-04	0.000E+00
283	ALL	636338.43	4280249.27	4.15520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.003E-04	0.000E+00
284	ALL	636351.80	4280282.68	3.59700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.197E-04	0.000E+00
285	ALL	636358.49	4280299.38	3.32210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.800E-04	0.000E+00
286	ALL	636371.87	4280332.79	2.81200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.063E-04	0.000E+00
287	ALL	636385.25	4280366.20	2.38320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.443E-04	0.000E+00
288	ALL	636391.93	4280382.91	2.20510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.186E-04	0.000E+00
289	ALL	636043.70	4280077.73	6.39430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.239E-04	0.000E+00
290	ALL	636024.52	4280077.68	6.00300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.673E-04	0.000E+00
291	ALL	636005.34	4280077.63	5.59160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.079E-04	0.000E+00
292	ALL	635986.16	4280077.59	5.17790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.481E-04	0.000E+00
293	ALL	635966.97	4280077.54	4.77600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.900E-04	0.000E+00
294	ALL	635947.79	4280077.50	4.39860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.355E-04	0.000E+00
295	ALL	635928.61	4280077.45	4.05200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.854E-04	0.000E+00
296	ALL	635909.43	4280077.40	3.73870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.402E-04	0.000E+00
297	ALL	635890.25	4280077.36	3.45960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.999E-04	0.000E+00
298	ALL	635871.07	4280077.31	3.21010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.638E-04	0.000E+00
299	ALL	636079.72	4280034.81	5.62980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.134E-04	0.000E+00
300	ALL	636096.45	4280041.85	6.03120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.714E-04	0.000E+00
301	ALL	636113.18	4280048.88	6.39740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.243E-04	0.000E+00
302	ALL	636129.90	4280055.92	6.71080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.696E-04	0.000E+00
303	ALL	636146.63	4280062.96	6.95360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.005E-03	0.000E+00
304	ALL	636163.35	4280069.99	7.11080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-03	0.000E+00
305	ALL	636180.08	4280077.03	7.17350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.036E-03	0.000E+00
306	ALL	636196.80	4280084.07	7.13780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.031E-03	0.000E+00
307	ALL	636213.53	4280091.10	7.00580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.012E-03	0.000E+00
308	ALL	636230.25	4280098.14	6.78740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.807E-04	0.000E+00

309	ALL	636246.98	4280105.18	6.49670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.387E-04	0.000E+00
310	ALL	636263.71	4280112.21	6.15090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.887E-04	0.000E+00
311	ALL	636280.43	4280119.25	5.76870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.335E-04	0.000E+00
312	ALL	636297.16	4280126.29	5.36660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.754E-04	0.000E+00
313	ALL	636313.88	4280133.33	4.95920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.165E-04	0.000E+00
314	ALL	636330.61	4280140.36	4.55790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.585E-04	0.000E+00
315	ALL	636354.08	4280164.24	4.01340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.799E-04	0.000E+00
316	ALL	636360.82	4280181.09	3.83660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.543E-04	0.000E+00
317	ALL	636367.57	4280197.94	3.64450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.266E-04	0.000E+00
318	ALL	636374.31	4280214.78	3.44130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.972E-04	0.000E+00
319	ALL	636387.80	4280248.47	3.01830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.361E-04	0.000E+00
320	ALL	636394.55	4280265.32	2.80740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.056E-04	0.000E+00
321	ALL	636408.04	4280299.01	2.40790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.479E-04	0.000E+00
322	ALL	636414.78	4280315.85	2.22560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.216E-04	0.000E+00
323	ALL	636428.27	4280349.54	1.90400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.751E-04	0.000E+00
324	ALL	636435.02	4280366.39	1.76860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
325	ALL	636448.51	4280400.08	1.55480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.246E-04	0.000E+00
326	ALL	636455.25	4280416.93	1.46950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.123E-04	0.000E+00
327	ALL	636063.00	4280027.77	5.21160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.530E-04	0.000E+00
328	ALL	636043.82	4280027.73	4.92370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.114E-04	0.000E+00
329	ALL	636024.64	4280027.68	4.62020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.675E-04	0.000E+00
330	ALL	636005.46	4280027.63	4.31360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.232E-04	0.000E+00
331	ALL	635986.28	4280027.59	4.01460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.800E-04	0.000E+00
332	ALL	635967.09	4280027.54	3.73070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.390E-04	0.000E+00
333	ALL	635947.91	4280027.50	3.46730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.010E-04	0.000E+00
334	ALL	635928.73	4280027.45	3.22600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.661E-04	0.000E+00
335	ALL	635909.55	4280027.40	3.00620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.343E-04	0.000E+00
336	ALL	635890.37	4280027.36	2.80780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.057E-04	0.000E+00
337	ALL	635871.19	4280027.31	2.62830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.797E-04	0.000E+00
338	ALL	635836.49	4280400.68	2.03820E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.945E-03	0.000E+00
339	ALL	635827.14	4280470.21	2.55590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.693E-03	0.000E+00
340	ALL	635829.98	4280480.92	2.85530E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.125E-03	0.000E+00
341	ALL	635839.41	4280499.09	3.96220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.725E-03	0.000E+00
342	ALL	635816.50	4280400.44	1.50890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.180E-03	0.000E+00
343	ALL	635840.37	4280382.17	1.82540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.637E-03	0.000E+00
344	ALL	635797.11	4280396.86	1.15550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.670E-03	0.000E+00
345	ALL	635797.48	4280385.56	1.09800E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.586E-03	0.000E+00
346	ALL	635841.52	4280367.92	1.62590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.349E-03	0.000E+00
347	ALL	635773.73	4280405.27	9.13710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.320E-03	0.000E+00
348	ALL	635775.72	4280387.16	8.77180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.267E-03	0.000E+00
349	ALL	635792.28	4280362.06	9.21490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.331E-03	0.000E+00
350	ALL	635817.64	4280348.90	1.08180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.563E-03	0.000E+00
351	ALL	635839.50	4280350.51	1.36590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.974E-03	0.000E+00
352	ALL	635852.86	4280334.51	1.36670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.975E-03	0.000E+00
353	ALL	635776.21	4280445.39	1.03180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.491E-03	0.000E+00
354	ALL	635772.82	4280469.22	1.01410E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.465E-03	0.000E+00
355	ALL	635758.17	4280491.69	8.45530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.222E-03	0.000E+00
356	ALL	635753.74	4280397.23	7.27200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.051E-03	0.000E+00
357	ALL	635771.69	4280375.46	8.06390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.165E-03	0.000E+00
358	ALL	635778.84	4280358.66	8.01760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.158E-03	0.000E+00
359	ALL	635802.89	4280334.94	8.69170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.256E-03	0.000E+00
360	ALL	635819.80	4280328.03	9.59220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.386E-03	0.000E+00
361	ALL	635836.71	4280321.13	1.05500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.524E-03	0.000E+00
362	ALL	635839.94	4280310.27	1.00040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.445E-03	0.000E+00
363	ALL	635755.69	4280448.51	8.08670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.168E-03	0.000E+00
364	ALL	635749.78	4280464.42	7.63280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.103E-03	0.000E+00
365	ALL	635749.55	4280483.70	7.62620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.102E-03	0.000E+00
366	ALL	635733.24	4280405.96	6.10220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.817E-04	0.000E+00
367	ALL	635751.09	4280376.62	6.70470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.687E-04	0.000E+00
368	ALL	635765.00	4280343.95	6.69760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.677E-04	0.000E+00
369	ALL	635788.38	4280320.89	7.16350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.035E-03	0.000E+00
370	ALL	635840.70	4280291.97	8.82750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.275E-03	0.000E+00
371	ALL	635730.01	4280444.91	6.17070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.915E-04	0.000E+00
372	ALL	635729.78	4280464.18	6.17610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.923E-04	0.000E+00
373	ALL	635729.55	4280483.46	6.13450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.863E-04	0.000E+00
374	ALL	635712.14	4280390.80	4.96460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.173E-04	0.000E+00
375	ALL	635730.67	4280377.39	5.63820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.146E-04	0.000E+00
376	ALL	635744.29	4280345.38	5.74050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.294E-04	0.000E+00
377	ALL	635774.01	4280306.79	6.02940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.711E-04	0.000E+00
378	ALL	635828.08	4280291.80	8.03880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.161E-03	0.000E+00
379	ALL	635841.45	4280272.88	7.79550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.126E-03	0.000E+00
380	ALL	635710.01	4280444.67	5.11070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.384E-04	0.000E+00
381	ALL	635709.78	4280463.95	5.09150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.356E-04	0.000E+00
382	ALL	635721.44	4280475.72	5.67060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.193E-04	0.000E+00
383	ALL	635656.66	4280398.30	3.30680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.778E-04	0.000E+00
384	ALL	635710.35	4280377.90	4.79090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.922E-04	0.000E+00
385	ALL	635723.76	4280346.39	4.94620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.146E-04	0.000E+00
386	ALL	635737.16	4280314.88	4.90720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.090E-04	0.000E+00
387	ALL	635759.72	4280292.65	5.16060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.456E-04	0.000E+00
388	ALL	635791.41	4280279.69	5.87900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.494E-04	0.000E+00
389	ALL	635823.11	4280273.73	6.93600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.002E-03	0.000E+00
390	ALL	635690.01	4280444.43	4.30350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.218E-04	0.000E+00

391	ALL	635689.78	4280463.71	4.27380E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.175E-04	0.000E+00
392	ALL	635689.55	4280482.98	4.22560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.105E-04	0.000E+00
393	ALL	635689.09	4280521.52	4.08870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.907E-04	0.000E+00
394	ALL	635688.86	4280540.80	4.02450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.815E-04	0.000E+00
395	ALL	635688.63	4280560.07	3.96440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.728E-04	0.000E+00
396	ALL	635688.40	4280579.34	3.93120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.680E-04	0.000E+00
397	ALL	635675.88	4280398.89	3.79270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.480E-04	0.000E+00
398	ALL	635685.14	4280389.91	4.02280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.812E-04	0.000E+00
399	ALL	635694.14	4280378.61	4.23740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.122E-04	0.000E+00
400	ALL	635700.03	4280354.90	4.25390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.146E-04	0.000E+00
401	ALL	635707.48	4280337.40	4.31330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.232E-04	0.000E+00
402	ALL	635714.93	4280319.89	4.32460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.248E-04	0.000E+00
403	ALL	635722.38	4280302.38	4.28720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.194E-04	0.000E+00
404	ALL	635747.44	4280277.68	4.50760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.513E-04	0.000E+00
405	ALL	635765.05	4280270.49	4.81640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.959E-04	0.000E+00
406	ALL	635782.66	4280263.29	5.13800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.423E-04	0.000E+00
407	ALL	635800.27	4280256.09	5.46560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.897E-04	0.000E+00
408	ALL	635817.88	4280248.90	5.81220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.398E-04	0.000E+00
409	ALL	635835.49	4280241.70	6.17930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.928E-04	0.000E+00
410	ALL	635853.10	4280234.51	6.57110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.494E-04	0.000E+00
411	ALL	635870.01	4280444.20	3.67550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.310E-04	0.000E+00
412	ALL	635669.78	4280463.47	3.64250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.263E-04	0.000E+00
413	ALL	635669.55	4280482.74	3.59660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.196E-04	0.000E+00
414	ALL	635669.32	4280502.01	3.53330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.105E-04	0.000E+00
415	ALL	635669.09	4280521.29	3.47370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.019E-04	0.000E+00
416	ALL	635668.86	4280540.56	3.41510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.934E-04	0.000E+00
417	ALL	635668.63	4280559.83	3.35830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.852E-04	0.000E+00
418	ALL	635666.89	4280597.02	3.27320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.729E-04	0.000E+00
419	ALL	635622.01	4280398.81	2.63940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.813E-04	0.000E+00
420	ALL	635643.92	4280397.32	3.03300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.382E-04	0.000E+00
421	ALL	635642.59	4280371.81	2.95820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.274E-04	0.000E+00
422	ALL	635650.04	4280354.30	3.04970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.406E-04	0.000E+00
423	ALL	635657.49	4280336.80	3.12410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.514E-04	0.000E+00
424	ALL	635664.93	4280319.29	3.17820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.592E-04	0.000E+00
425	ALL	635672.38	4280301.79	3.20600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.632E-04	0.000E+00
426	ALL	635679.83	4280284.28	3.20410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.629E-04	0.000E+00
427	ALL	635697.91	4280259.18	3.26640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.719E-04	0.000E+00
428	ALL	635712.34	4280242.08	3.30270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.772E-04	0.000E+00
429	ALL	635735.72	4280247.03	3.75370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.423E-04	0.000E+00
430	ALL	635747.56	4280227.68	3.66780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.299E-04	0.000E+00
431	ALL	635756.66	4280202.26	3.43510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.963E-04	0.000E+00
432	ALL	635783.38	4280199.62	3.81540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.513E-04	0.000E+00
433	ALL	635800.39	4280206.09	4.25230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.144E-04	0.000E+00
434	ALL	635818.00	4280198.90	4.46910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.457E-04	0.000E+00
435	ALL	635835.61	4280191.70	4.69790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.788E-04	0.000E+00
436	ALL	635853.22	4280184.51	4.94090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.139E-04	0.000E+00
437	ALL	635620.02	4280443.60	2.60650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.766E-04	0.000E+00
438	ALL	635619.79	4280462.87	2.57540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.721E-04	0.000E+00
439	ALL	635619.56	4280482.14	2.53900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.668E-04	0.000E+00
440	ALL	635619.33	4280501.42	2.49200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.600E-04	0.000E+00
441	ALL	635619.10	4280520.69	2.44620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.534E-04	0.000E+00
442	ALL	635618.87	4280539.96	2.40030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.468E-04	0.000E+00
443	ALL	635618.64	4280559.23	2.35490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.402E-04	0.000E+00
444	ALL	635618.41	4280578.51	2.32240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.355E-04	0.000E+00
445	ALL	635577.70	4280406.22	2.05040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.962E-04	0.000E+00
446	ALL	635585.15	4280388.72	2.12340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.068E-04	0.000E+00
447	ALL	635592.59	4280371.21	2.19860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.177E-04	0.000E+00
448	ALL	635600.04	4280353.71	2.27250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.283E-04	0.000E+00
449	ALL	635607.49	4280336.20	2.34140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.383E-04	0.000E+00
450	ALL	635614.94	4280318.70	2.40090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.469E-04	0.000E+00
451	ALL	635622.39	4280301.19	2.44690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.535E-04	0.000E+00
452	ALL	635629.83	4280283.69	2.47680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.579E-04	0.000E+00
453	ALL	635637.28	4280266.18	2.48840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.595E-04	0.000E+00
454	ALL	635644.73	4280248.67	2.48140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.585E-04	0.000E+00
455	ALL	635652.18	4280231.17	2.45680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.550E-04	0.000E+00
456	ALL	635677.23	4280206.47	2.53670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.665E-04	0.000E+00
457	ALL	635694.84	4280199.27	2.65200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.832E-04	0.000E+00
458	ALL	635712.45	4280192.08	2.76660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.997E-04	0.000E+00
459	ALL	635573.07	4280184.88	2.88240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.165E-04	0.000E+00
460	ALL	635747.68	4280177.68	3.00110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.336E-04	0.000E+00
461	ALL	635765.29	4280170.49	3.12530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.515E-04	0.000E+00
462	ALL	635782.90	4280163.29	3.25620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.705E-04	0.000E+00
463	ALL	635800.51	4280156.10	3.39470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.905E-04	0.000E+00
464	ALL	635818.12	4280148.90	3.54100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.116E-04	0.000E+00
465	ALL	635835.73	4280141.70	3.69420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.338E-04	0.000E+00
466	ALL	635853.34	4280134.51	3.85520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.570E-04	0.000E+00
467	ALL	635570.02	4280443.00	1.95540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.825E-04	0.000E+00
468	ALL	635569.79	4280462.28	1.92890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.787E-04	0.000E+00
469	ALL	635569.56	4280481.55	1.89990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.745E-04	0.000E+00
470	ALL	635569.33	4280500.82	1.86430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.694E-04	0.000E+00
471	ALL	635569.10	4280520.09	1.82870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.642E-04	0.000E+00
472	ALL	635568.87	4280539.37	1.79360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.591E-04	0.000E+00

473	ALL	635568.64	4280558.64	1.76070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.544E-04	0.000E+00
474	ALL	635568.41	4280577.91	1.73240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.503E-04	0.000E+00
475	ALL	635527.70	4280405.63	1.59650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.307E-04	0.000E+00
476	ALL	635535.15	4280388.12	1.64520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
477	ALL	635542.60	4280370.62	1.69790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.453E-04	0.000E+00
478	ALL	635550.05	4280353.11	1.75230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.532E-04	0.000E+00
479	ALL	635557.49	4280335.61	1.80650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.610E-04	0.000E+00
480	ALL	635564.94	4280318.10	1.85880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.686E-04	0.000E+00
481	ALL	635572.39	4280300.59	1.90640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.754E-04	0.000E+00
482	ALL	635579.84	4280283.09	1.94690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.813E-04	0.000E+00
483	ALL	635587.28	4280265.58	1.97700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.856E-04	0.000E+00
484	ALL	635594.73	4280248.08	1.99490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.882E-04	0.000E+00
485	ALL	635602.18	4280230.57	1.99930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.889E-04	0.000E+00
486	ALL	635609.63	4280213.07	1.99030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.876E-04	0.000E+00
487	ALL	635617.07	4280195.56	1.96910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.845E-04	0.000E+00
488	ALL	635642.13	4280170.86	2.01750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.915E-04	0.000E+00
489	ALL	635659.74	4280163.66	2.09470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.026E-04	0.000E+00
490	ALL	635677.35	4280156.47	2.17040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.136E-04	0.000E+00
491	ALL	635694.96	4280149.27	2.24600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.245E-04	0.000E+00
492	ALL	635712.57	4280142.08	2.32730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.363E-04	0.000E+00
493	ALL	635730.19	4280134.88	2.40790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.479E-04	0.000E+00
494	ALL	635747.80	4280127.68	2.49180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.600E-04	0.000E+00
495	ALL	635765.41	4280120.49	2.58060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.729E-04	0.000E+00
496	ALL	635783.02	4280113.29	2.67460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.864E-04	0.000E+00
497	ALL	635800.63	4280106.10	2.77370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.007E-04	0.000E+00
498	ALL	635818.24	4280098.90	2.87680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.156E-04	0.000E+00
499	ALL	635835.85	4280091.70	2.98310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.310E-04	0.000E+00
500	ALL	635853.46	4280084.51	3.09390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.470E-04	0.000E+00
501	ALL	635852.02	4280442.41	1.52960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.210E-04	0.000E+00
502	ALL	635519.79	4280461.68	1.50590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.176E-04	0.000E+00
503	ALL	635519.56	4280480.95	1.48100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.140E-04	0.000E+00
504	ALL	635519.33	4280500.22	1.45480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.102E-04	0.000E+00
505	ALL	635519.10	4280519.50	1.42710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.062E-04	0.000E+00
506	ALL	635518.87	4280538.77	1.39910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.021E-04	0.000E+00
507	ALL	635518.64	4280558.04	1.37240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.983E-04	0.000E+00
508	ALL	635518.41	4280577.31	1.34860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.949E-04	0.000E+00
509	ALL	635477.71	4280405.03	1.27370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.840E-04	0.000E+00
510	ALL	635485.15	4280387.53	1.31240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.896E-04	0.000E+00
511	ALL	635492.60	4280370.02	1.35170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.953E-04	0.000E+00
512	ALL	635500.05	4280352.51	1.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.011E-04	0.000E+00
513	ALL	635507.50	4280335.01	1.43330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.071E-04	0.000E+00
514	ALL	635514.94	4280317.50	1.47500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.131E-04	0.000E+00
515	ALL	635522.39	4280300.00	1.51600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.190E-04	0.000E+00
516	ALL	635529.84	4280282.49	1.55470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.246E-04	0.000E+00
517	ALL	635537.29	4280264.99	1.58880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.296E-04	0.000E+00
518	ALL	635544.74	4280247.48	1.61640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.335E-04	0.000E+00
519	ALL	635552.18	4280229.98	1.63560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.363E-04	0.000E+00
520	ALL	635559.63	4280212.47	1.64540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
521	ALL	635567.08	4280194.96	1.64540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
522	ALL	635574.53	4280177.46	1.63580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.364E-04	0.000E+00
523	ALL	635581.97	4280159.95	1.61800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.338E-04	0.000E+00
524	ALL	635607.03	4280135.25	1.64980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.384E-04	0.000E+00
525	ALL	635624.64	4280128.06	1.70340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.461E-04	0.000E+00
526	ALL	635642.25	4280120.86	1.75620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.537E-04	0.000E+00
527	ALL	635659.86	4280113.66	1.80990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.615E-04	0.000E+00
528	ALL	635677.47	4280106.47	1.86680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.697E-04	0.000E+00
529	ALL	635695.08	4280099.27	1.92210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.777E-04	0.000E+00
530	ALL	635712.69	4280092.08	1.97890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.859E-04	0.000E+00
531	ALL	635730.31	4280084.88	2.03850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.945E-04	0.000E+00
532	ALL	635747.92	4280077.68	2.10090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.036E-04	0.000E+00
533	ALL	635765.53	4280070.49	2.16750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.132E-04	0.000E+00
534	ALL	635783.14	4280063.29	2.23730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.233E-04	0.000E+00
535	ALL	635800.75	4280056.10	2.30960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.337E-04	0.000E+00
536	ALL	635818.36	4280048.90	2.38510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.446E-04	0.000E+00
537	ALL	635835.97	4280041.70	2.46360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.559E-04	0.000E+00
538	ALL	635853.58	4280034.51	2.54460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.677E-04	0.000E+00
539	ALL	635470.26	4280422.54	1.23200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.780E-04	0.000E+00
540	ALL	635470.03	4280441.81	1.22290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.767E-04	0.000E+00
541	ALL	635469.80	4280461.08	1.20850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.746E-04	0.000E+00
542	ALL	635469.57	4280480.35	1.19090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.721E-04	0.000E+00
543	ALL	635469.34	4280499.63	1.17120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.692E-04	0.000E+00
544	ALL	635469.11	4280518.90	1.14970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.661E-04	0.000E+00
545	ALL	635468.88	4280538.17	1.12730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.629E-04	0.000E+00
546	ALL	635468.65	4280557.44	1.10570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.598E-04	0.000E+00
547	ALL	635468.42	4280576.72	1.08580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.569E-04	0.000E+00
548	ALL	635886.10	4280609.90	9.80070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.416E-02	0.000E+00
549	ALL	635773.49	4280682.94	1.06010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.532E-03	0.000E+00
550	ALL	635887.67	4280641.44	6.51070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.407E-03	0.000E+00
551	ALL	635833.98	4280668.93	2.55900E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.697E-03	0.000E+00
552	ALL	635834.92	4280644.02	2.93970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.247E-03	0.000E+00
553	ALL	635810.32	4280644.73	1.90860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.758E-03	0.000E+00
554	ALL	635825.86	4280663.71	2.31940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.351E-03	0.000E+00

555	ALL	635791.86	4280644.84	1.41600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.046E-03	0.000E+00
556	ALL	635887.77	4280681.44	4.25310E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.145E-03	0.000E+00
557	ALL	635906.90	4280681.40	4.77330E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.896E-03	0.000E+00
558	ALL	635926.04	4280681.35	5.13320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.417E-03	0.000E+00
559	ALL	635955.81	4280712.00	4.00910E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.792E-03	0.000E+00
560	ALL	635834.46	4280687.27	2.34650E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.390E-03	0.000E+00
561	ALL	635817.35	4280680.16	1.92600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.783E-03	0.000E+00
562	ALL	635800.24	4280673.05	1.54450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.232E-03	0.000E+00
563	ALL	635776.19	4280648.76	1.11790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.615E-03	0.000E+00
564	ALL	635774.10	4280641.00	1.08460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.567E-03	0.000E+00
565	ALL	635868.68	4280701.49	3.08740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.461E-03	0.000E+00
566	ALL	635887.81	4280701.44	3.56610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.152E-03	0.000E+00
567	ALL	635905.13	4280693.80	4.20460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.075E-03	0.000E+00
568	ALL	635926.08	4280701.35	4.23610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.120E-03	0.000E+00
569	ALL	635835.46	4280707.66	2.13360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.083E-03	0.000E+00
570	ALL	635802.19	4280693.84	1.51080E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.183E-03	0.000E+00
571	ALL	635785.56	4280686.93	1.23480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.784E-03	0.000E+00
572	ALL	635762.17	4280663.31	9.21060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.331E-03	0.000E+00
573	ALL	635755.42	4280646.61	8.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.213E-03	0.000E+00
574	ALL	635868.73	4280721.49	2.67240E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.861E-03	0.000E+00
575	ALL	635887.86	4280721.44	3.03730E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.388E-03	0.000E+00
576	ALL	635907.00	4280721.40	3.33740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.822E-03	0.000E+00
577	ALL	635926.13	4280721.35	3.55100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.131E-03	0.000E+00
578	ALL	635945.27	4280721.31	3.66880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.301E-03	0.000E+00
579	ALL	635964.40	4280721.26	3.68970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.331E-03	0.000E+00
580	ALL	635841.09	4280734.22	1.96090E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.833E-03	0.000E+00
581	ALL	635819.89	4280721.17	1.69450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.448E-03	0.000E+00
582	ALL	635773.03	4280707.93	1.02830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.486E-03	0.000E+00
583	ALL	635748.10	4280677.73	7.73100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.117E-03	0.000E+00
584	ALL	635734.87	4280645.01	6.50850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.404E-04	0.000E+00
585	ALL	635893.08	4280742.36	2.66590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.852E-03	0.000E+00
586	ALL	635901.58	4280746.87	2.67670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.867E-03	0.000E+00
587	ALL	635926.18	4280741.35	3.01260E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.353E-03	0.000E+00
588	ALL	635945.31	4280741.31	3.10390E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.485E-03	0.000E+00
589	ALL	635964.45	4280741.26	3.11830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.505E-03	0.000E+00
590	ALL	635983.58	4280741.21	3.04930E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.406E-03	0.000E+00
591	ALL	636002.72	4280741.17	2.90250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.194E-03	0.000E+00
592	ALL	636021.85	4280741.12	2.68480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.879E-03	0.000E+00
593	ALL	636040.99	4280741.08	2.41830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.494E-03	0.000E+00
594	ALL	636060.12	4280741.03	2.11990E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.063E-03	0.000E+00
595	ALL	635841.39	4280754.33	1.76980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.557E-03	0.000E+00
596	ALL	635820.70	4280741.49	1.56970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.268E-03	0.000E+00
597	ALL	635788.62	4280728.16	1.18220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.708E-03	0.000E+00
598	ALL	635756.55	4280714.83	8.45330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.221E-03	0.000E+00
599	ALL	635733.99	4280692.06	6.59850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.534E-04	0.000E+00
600	ALL	635708.00	4280660.42	4.91060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.095E-04	0.000E+00
601	ALL	635705.69	4280647.94	4.75110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.864E-04	0.000E+00
602	ALL	635887.96	4280761.44	2.27940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.293E-03	0.000E+00
603	ALL	635907.09	4280761.40	2.46050E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.555E-03	0.000E+00
604	ALL	635926.23	4280761.35	2.58880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.740E-03	0.000E+00
605	ALL	635945.36	4280761.31	2.65690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.839E-03	0.000E+00
606	ALL	635964.50	4280761.26	2.66220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.846E-03	0.000E+00
607	ALL	635983.63	4280761.21	2.60210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.760E-03	0.000E+00
608	ALL	636002.77	4280761.17	2.48090E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.585E-03	0.000E+00
609	ALL	636021.90	4280761.12	2.30620E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.332E-03	0.000E+00
610	ALL	636041.04	4280761.08	2.09180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.022E-03	0.000E+00
611	ALL	635821.35	4280761.74	1.44970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.095E-03	0.000E+00
612	ALL	635789.66	4280748.57	1.13400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.638E-03	0.000E+00
613	ALL	635757.98	4280735.40	8.43580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.219E-03	0.000E+00
614	ALL	635714.40	4280716.96	5.42070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.832E-04	0.000E+00
615	ALL	635708.41	4280671.99	4.97200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.184E-04	0.000E+00
616	ALL	635689.58	4280655.47	4.09090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.911E-04	0.000E+00
617	ALL	635690.08	4280597.55	3.99070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.766E-04	0.000E+00
618	ALL	635888.01	4280781.44	2.00350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.895E-03	0.000E+00
619	ALL	635907.14	4280781.40	2.14640E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.101E-03	0.000E+00
620	ALL	635926.28	4280781.35	2.24680E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.246E-03	0.000E+00
621	ALL	635945.41	4280781.31	2.29770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.320E-03	0.000E+00
622	ALL	635964.55	4280781.26	2.29690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.319E-03	0.000E+00
623	ALL	635983.68	4280781.21	2.24480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.243E-03	0.000E+00
624	ALL	636002.82	4280781.17	2.14450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.098E-03	0.000E+00
625	ALL	636021.95	4280781.12	2.00250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.893E-03	0.000E+00
626	ALL	636041.09	4280781.08	1.82790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.641E-03	0.000E+00
627	ALL	636060.22	4280781.03	1.63350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.360E-03	0.000E+00
628	ALL	635820.39	4280811.29	1.17190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.693E-03	0.000E+00
629	ALL	635787.98	4280797.82	9.71670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.404E-03	0.000E+00
630	ALL	635750.92	4280794.84	7.23210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.045E-03	0.000E+00
631	ALL	635723.18	4280770.89	5.85470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.459E-04	0.000E+00
632	ALL	635684.19	4280741.16	4.13070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.968E-04	0.000E+00
633	ALL	635671.04	4280708.63	3.60860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.214E-04	0.000E+00
634	ALL	635657.88	4280676.10	3.15070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.552E-04	0.000E+00
635	ALL	635644.72	4280643.57	2.78420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.023E-04	0.000E+00
636	ALL	635646.14	4280597.98	2.78970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.031E-04	0.000E+00

637	ALL	635819.76	4280860.98	9.58130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.384E-03	0.000E+00
638	ALL	635786.86	4280847.30	8.28190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.197E-03	0.000E+00
639	ALL	635688.15	4280806.28	4.29450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.205E-04	0.000E+00
640	ALL	635648.57	4280776.09	3.13890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.535E-04	0.000E+00
641	ALL	635635.21	4280743.06	2.78140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.019E-04	0.000E+00
642	ALL	635621.85	4280710.03	2.45780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.551E-04	0.000E+00
643	ALL	635608.49	4280677.00	2.19530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.172E-04	0.000E+00
644	ALL	635595.13	4280643.97	1.98810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.872E-04	0.000E+00
645	ALL	635587.85	4280600.01	1.90980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.759E-04	0.000E+00
646	ALL	635588.25	4280881.44	1.15050E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.662E-03	0.000E+00
647	ALL	635907.38	4280881.40	1.19940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.733E-03	0.000E+00
648	ALL	635926.52	4280881.35	1.23200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.780E-03	0.000E+00
649	ALL	635945.65	4280881.31	1.24620E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.801E-03	0.000E+00
650	ALL	635964.79	4280881.26	1.24100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.793E-03	0.000E+00
651	ALL	635983.92	4280881.21	1.21550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.756E-03	0.000E+00
652	ALL	636003.06	4280881.17	1.17160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.693E-03	0.000E+00
653	ALL	636022.19	4280881.12	1.11190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.607E-03	0.000E+00
654	ALL	636041.33	4280881.08	1.03950E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.502E-03	0.000E+00
655	ALL	636060.46	4280881.03	9.58690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.385E-03	0.000E+00
656	ALL	635835.96	4280917.66	8.26700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.194E-03	0.000E+00
657	ALL	635802.70	4280903.84	7.51850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.086E-03	0.000E+00
658	ALL	635786.06	4280896.92	7.06090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.020E-03	0.000E+00
659	ALL	635769.43	4280890.01	6.58160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.509E-04	0.000E+00
660	ALL	635752.80	4280883.10	6.08210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.787E-04	0.000E+00
661	ALL	635736.16	4280876.19	5.56860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.046E-04	0.000E+00
662	ALL	635702.89	4280862.36	4.57100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.604E-04	0.000E+00
663	ALL	635686.26	4280855.45	4.11070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.939E-04	0.000E+00
664	ALL	635669.63	4280848.53	3.68200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.320E-04	0.000E+00
665	ALL	635652.99	4280841.62	3.28670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.749E-04	0.000E+00
666	ALL	635636.36	4280834.71	2.92750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.230E-04	0.000E+00
667	ALL	635612.97	4280811.10	2.47310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.573E-04	0.000E+00
668	ALL	635599.46	4280777.70	2.21130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.195E-04	0.000E+00
669	ALL	635585.96	4280744.30	1.97610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.855E-04	0.000E+00
670	ALL	635579.20	4280727.60	1.87190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.705E-04	0.000E+00
671	ALL	635565.69	4280694.20	1.69470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.449E-04	0.000E+00
672	ALL	635552.19	4280660.81	1.55750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.250E-04	0.000E+00
673	ALL	635545.43	4280644.11	1.50090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.169E-04	0.000E+00
674	ALL	635531.01	4280601.60	1.40910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.036E-04	0.000E+00
675	ALL	635888.37	4280931.44	9.11290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.317E-03	0.000E+00
676	ALL	635907.50	4280931.40	9.41790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.361E-03	0.000E+00
677	ALL	635926.64	4280931.35	9.61260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.389E-03	0.000E+00
678	ALL	635945.77	4280931.30	9.68520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.399E-03	0.000E+00
679	ALL	635964.91	4280931.26	9.62890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.391E-03	0.000E+00
680	ALL	635984.04	4280931.21	9.44430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.365E-03	0.000E+00
681	ALL	636003.18	4280931.17	9.13850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.320E-03	0.000E+00
682	ALL	636022.31	4280931.12	8.72740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.261E-03	0.000E+00
683	ALL	636041.45	4280931.07	8.23030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.189E-03	0.000E+00
684	ALL	636060.58	4280931.03	7.67180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.108E-03	0.000E+00
685	ALL	635852.58	4280974.52	7.02550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-03	0.000E+00
686	ALL	635835.80	4280967.55	6.85650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.906E-04	0.000E+00
687	ALL	635819.03	4280960.58	6.63970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.593E-04	0.000E+00
688	ALL	635802.26	4280953.60	6.38350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.223E-04	0.000E+00
689	ALL	635785.48	4280946.63	6.08710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.795E-04	0.000E+00
690	ALL	635768.71	4280939.66	5.75560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.316E-04	0.000E+00
691	ALL	635751.94	4280932.69	5.40180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.805E-04	0.000E+00
692	ALL	635735.16	4280925.72	5.02340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.258E-04	0.000E+00
693	ALL	635718.39	4280918.75	4.63480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.696E-04	0.000E+00
694	ALL	635684.84	4280904.81	3.87670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.601E-04	0.000E+00
695	ALL	635668.07	4280897.84	3.51730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.082E-04	0.000E+00
696	ALL	635651.30	4280890.87	3.18310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.599E-04	0.000E+00
697	ALL	635634.52	4280883.89	2.87440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.153E-04	0.000E+00
698	ALL	635617.75	4280876.92	2.59350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.747E-04	0.000E+00
699	ALL	635600.98	4280869.95	2.33360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.372E-04	0.000E+00
700	ALL	635577.39	4280846.14	2.00300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.894E-04	0.000E+00
701	ALL	635563.77	4280812.46	1.81240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.619E-04	0.000E+00
702	ALL	635556.96	4280795.63	1.72210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.488E-04	0.000E+00
703	ALL	635543.34	4280761.95	1.55550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.247E-04	0.000E+00
704	ALL	635536.53	4280745.11	1.48290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.143E-04	0.000E+00
705	ALL	635522.91	4280711.43	1.35280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.955E-04	0.000E+00
706	ALL	635516.09	4280694.59	1.29910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.877E-04	0.000E+00
707	ALL	635502.47	4280660.91	1.21270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.752E-04	0.000E+00
708	ALL	635495.66	4280644.07	1.17720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.701E-04	0.000E+00
709	ALL	635488.85	4280627.23	1.14710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.657E-04	0.000E+00
710	ALL	635475.23	4280593.56	1.10210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.592E-04	0.000E+00
711	ALL	635869.35	4280981.49	7.11930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.029E-03	0.000E+00
712	ALL	635888.49	4280981.44	7.37920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.066E-03	0.000E+00
713	ALL	635907.62	4280981.40	7.57120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.094E-03	0.000E+00
714	ALL	635926.76	4280981.35	7.68620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.111E-03	0.000E+00
715	ALL	635945.89	4280981.30	7.71690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.115E-03	0.000E+00
716	ALL	635965.03	4280981.26	7.65980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.107E-03	0.000E+00
717	ALL	635984.16	4280981.21	7.53020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.088E-03	0.000E+00
718	ALL	636003.30	4280981.17	7.31420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.057E-03	0.000E+00

719	ALL	636022.43	4280981.12	7.02160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-03	0.000E+00
720	ALL	636041.57	4280981.07	6.66840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.635E-04	0.000E+00
721	ALL	636060.70	4280981.03	6.26980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.059E-04	0.000E+00
722	ALL	635668.98	4280654.24	3.40600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.921E-04	0.000E+00
723	ALL	635625.55	4280594.42	2.41840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.494E-04	0.000E+00
724	ALL	635606.72	4280597.45	2.14270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.096E-04	0.000E+00
725	ALL	635566.02	4280604.44	1.68530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.435E-04	0.000E+00
726	ALL	635551.45	4280600.49	1.56240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.257E-04	0.000E+00
727	ALL	635567.24	4280653.03	1.68920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.441E-04	0.000E+00
728	ALL	636087.01	4280471.41	7.55180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.091E-02	0.000E+00
729	ALL	635826.46	4280388.41	1.59160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.300E-03	0.000E+00
730	ALL	635837.39	4280334.04	1.17120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.692E-03	0.000E+00
731	ALL	635848.53	4280258.90	7.45550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.077E-03	0.000E+00
732	ALL	635837.89	4280254.04	6.75350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.757E-04	0.000E+00
733	ALL	635846.40	4280242.19	6.61590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.559E-04	0.000E+00
734	ALL	635814.81	4280237.64	5.37000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.759E-04	0.000E+00
735	ALL	635799.32	4280242.80	5.07320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.330E-04	0.000E+00
736	ALL	635775.62	4280252.22	4.68750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.773E-04	0.000E+00
737	ALL	635841.24	4280203.31	5.13880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.425E-04	0.000E+00
738	ALL	635848.22	4280191.77	5.00700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.234E-04	0.000E+00
739	ALL	635754.97	4280254.34	4.25020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.141E-04	0.000E+00
740	ALL	635696.65	4280244.32	3.09600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.473E-04	0.000E+00
741	ALL	635678.73	4280245.23	2.86330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.137E-04	0.000E+00
742	ALL	635705.44	4280707.56	4.94210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.140E-04	0.000E+00
743	ALL	636147.23	4280520.91	1.76900E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.556E-03	0.000E+00
744	ALL	636148.22	4280503.10	1.82110E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.631E-03	0.000E+00
745	ALL	636171.47	4280488.76	1.31160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.895E-03	0.000E+00
746	ALL	636124.74	4280383.48	3.13890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.535E-03	0.000E+00
747	ALL	635642.98	4280469.98	2.98770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.317E-04	0.000E+00
748	ALL	635714.01	4280453.71	5.30170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.660E-04	0.000E+00
749	ALL	635579.27	4280351.30	2.02990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.933E-04	0.000E+00
750	ALL	635588.52	4280445.51	2.15990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.121E-04	0.000E+00
751	ALL	635994.75	4280770.20	2.37290E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.428E-03	0.000E+00
752	ALL	635941.49	4280799.52	2.02460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.925E-03	0.000E+00
753	ALL	635930.41	4280800.59	1.98790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.872E-03	0.000E+00
754	ALL	635969.37	4280800.95	1.99860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.888E-03	0.000E+00
755	ALL	635881.79	4280791.29	1.83700E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.654E-03	0.000E+00
756	ALL	636052.31	4280804.52	1.48850E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.151E-03	0.000E+00
757	ALL	636040.51	4280800.23	1.62480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.348E-03	0.000E+00
758	ALL	636066.97	4280800.59	1.39660E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.018E-03	0.000E+00
759	ALL	636098.07	4280798.44	1.14140E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.649E-03	0.000E+00
760	ALL	635832.10	4280799.87	1.33010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.922E-03	0.000E+00
761	ALL	635716.40	4280791.70	5.44070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.861E-04	0.000E+00
762	ALL	635769.96	4280795.19	8.46280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.223E-03	0.000E+00
763	ALL	635687.88	4280788.79	4.30350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.218E-04	0.000E+00
764	ALL	635664.01	4280800.43	3.56400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.149E-04	0.000E+00
765	ALL	635767.96	4280851.03	7.24310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.047E-03	0.000E+00
766	ALL	635748.16	4280850.44	6.34890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.173E-04	0.000E+00
767	ALL	635728.37	4280852.77	5.51800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.972E-04	0.000E+00
768	ALL	635629.10	4280355.31	2.68810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.884E-04	0.000E+00
769	ALL	635693.43	4280327.60	3.84560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.556E-04	0.000E+00
770	ALL	635639.00	4280336.01	2.79580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.039E-04	0.000E+00
771	ALL	636077.06	4280449.19	9.13960E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.321E-02	0.000E+00
772	ALL	635839.79	4280507.21	4.11910E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.951E-03	0.000E+00
773	ALL	635839.13	4280516.65	4.13550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.975E-03	0.000E+00
774	ALL	635542.86	4280448.84	1.69650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.451E-04	0.000E+00
775	ALL	635594.34	4280461.21	2.21150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.195E-04	0.000E+00
776	ALL	635624.69	4280669.24	2.43980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.525E-04	0.000E+00
777	ALL	635641.40	4280857.40	3.02520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.371E-04	0.000E+00
778	ALL	635830.98	4280938.08	7.50960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.085E-03	0.000E+00
779	ALL	635887.91	4280891.06	1.09750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.586E-03	0.000E+00
780	ALL	635887.91	4280968.27	7.78040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.124E-03	0.000E+00
781	ALL	635722.05	4280490.00	5.66730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.188E-04	0.000E+00
782	ALL	635689.83	4280847.25	4.24720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.137E-04	0.000E+00
783	ALL	635551.21	4280395.34	1.78210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.575E-04	0.000E+00
784	ALL	635499.71	4280398.32	1.40250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.026E-04	0.000E+00

HARP2 - HRACalc (dated 22118) 3/1/2025 3:31:57 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 0.76

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 0.76

2<9 Years Bin: 0

2<16 Years Bin: 0

16<30 Years Bin: 0

16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True

Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: True
Egg: True

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

PIG, CHICKEN, & EGG PATHWAY SETTINGS

Surface area (m²): 0

Volume (kg): 0

Volume changes per year: 0

Pig

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Chicken

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Egg

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConCancerRisk.csv

Cancer risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCChronicRisk.csv

Chronic risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCAcuteRisk.csv

Acute risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCAcuteRiskSumByRec.csv

HRA ran successfully

Health Risk Assessment

Mitigated Construction

- **Tier 4 Interim Scenario**
- **Level 3 Filters Scenario**

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

Estimation of Annual Onsite Construction Emissions

Start of Construction	5/1/2025	
End of Construction	2/1/2026	Total
Number of Days	276	276
Number of Hours	6,624	6,624

Size of the construction area source: **29,864.5** sq-meters

Run	Year	On-site Construction Activity	Unmitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	13.6555
Project Construction	2025	Grading	14.4395
Project Construction	2025	Paving	6.9718
Project Construction	2025	Building Construction	53.9801
Project Construction	2026	Building Construction	1.8933
Project Construction	2026	Architectural Coating	0.4631

Total Unmitigated DPM (On-site) 9.140E+01 pounds

Factor in AERMOD to Account for 5 days per week/8 hours per day: 4.2

Average Emission for Project Site (AREA)

4.150E+04 grams

1.740E-03 grams/sec

5.827E-08 grams/m2-sec

Pounds/Construction Period 9.140E+01

Pounds/Day 3.312E-01

Pounds/Hour 1.380E-02

Pounds/Year 1.209E+02

Years 0.75616

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

Estimation of Annual Offsite Construction DPM Emissions (Unmitigated)

Start of Construction	5/1/2025				
End of Construction	2/1/2026				Total
Number of Days	276				276
Number of Hours	6,624				6,624

	2025 Project Construction	2025 Project Construction	2025 Project Construction	2025+2026 Project Construction	2026 Project Construction	Total (pounds)
Construction Trip Type	Site Preparation	Grading	Paving	Building Construction	Architectural Coating	
Total (pounds)	0.00820	0.35261	0.08201	0.40407545	0.01640	0.86330

	Haul Truck	Vendor Truck	Worker	Total
Site Preparation	0.00	20.00	175.00	195.00
Grading	250.00	40.00	300.00	590.00
Paving	0.00	200.00	300.00	500.00
Building Construction	0.00	985.41	2,401.64	3,387.05
Architectural Coating	0.00	40.00	73.90	113.90
Total	250.00	1,285.41	3,250.54	4,785.94

	Haul Truck (pounds)	Vendor Truck (pounds)	Worker (pounds)	Total (pounds)
Total DPM	4.510E-02	2.319E-01	5.863E-01	8.633E-01

Average Emissions

Grams	2.047E+01	1.053E+02	2.662E+02
Grams/sec	8.586E-07	4.414E-06	1.116E-05

Default Distance	20	8.8	14.3	Default Vehicle Travel Distance in CalEEMod
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Vehicle Travel Distances in the Construction HRA (miles)

Off-site Road Segment 1	0.31	0.31	0.31	miles
Off-site Road Segment 2	0.29	0.29	0.29	miles
Onsite, On-road Construction Vehicles	0.11	0.11	0.11	miles

Trip Distribution (percent)

Off-site Road Segment 1	50.0%	50.0%	50.0%	off-site
Off-site Road Segment 2	50.0%	50.0%	50.0%	off-site
Onsite, On-road Construction Vehicles	100.0%	100.0%	100.0%	on-site

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)

				Total
Off-site Road Segment 1	6.646E-09	7.766E-08	1.209E-07	2.052E-07
Off-site Road Segment 2	6.164E-09	7.203E-08	1.121E-07	1.903E-07
Onsite, On-road Construction Vehicles	4.509E-09	5.269E-08	8.199E-08	1.392E-07

	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year
Off-site Road Segment 1	2.052E-07	1.628E-06	3.908E-05	1.426E-02	7.132E-06
Off-site Road Segment 2	1.903E-07	1.510E-06	3.625E-05	1.323E-02	6.615E-06
Onsite, On-road Construction Vehicles	1.392E-07	1.105E-06	2.651E-05	7.318E-03	3.659E-06

Health Risk Summary - Unmitigated Construction (Summary of HARP2 Results)

Preferred Pump Warehouse and Distribution Center Project (Unmitigated Construction)

	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	1.0139E-05	10.14	1.4649E-02	0.00E+00
	X	Y		
MER UTM	635979.66	4280400.34		
Lat/Long	38°39'42.3"N	121°26'13.6"W		
	38.661749, -121.437104			
Receptor # 152				

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Cancer Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Chronic Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

*HARP - HRACalc v22118 3/1/2025 3:31:57 AM - Acute Risk - Input File: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit ConHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI	MAXHI
						NonCancerChronic	Acute
1	ALL	636083.85	4280479.37	8.25340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.193E-02	0.00E+00
2	ALL	636073.64	4280454.68	1.00210E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.448E-02	0.00E+00
3	ALL	636101.75	4280447.53	5.16670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.465E-03	0.00E+00
4	ALL	636139.65	4280461.09	2.35110E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.397E-03	0.00E+00
5	ALL	636141.74	4280448.13	2.31970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.352E-03	0.00E+00
6	ALL	636161.45	4280467.59	1.60510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.319E-03	0.00E+00
7	ALL	636161.74	4280448.43	1.67120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.415E-03	0.00E+00
8	ALL	636175.26	4280467.63	1.30520E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.886E-03	0.00E+00
9	ALL	636181.74	4280448.73	1.24860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.804E-03	0.00E+00
10	ALL	636200.59	4280525.66	8.53560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.233E-03	0.00E+00
11	ALL	636118.66	4280722.88	1.37360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.985E-03	0.00E+00
12	ALL	636138.95	4280728.58	1.09380E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.580E-03	0.00E+00
13	ALL	636107.44	4280741.56	1.39980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.022E-03	0.00E+00
14	ALL	636075.93	4280754.54	1.71600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.479E-03	0.00E+00
15	ALL	636207.70	4280705.93	6.24270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.020E-04	0.00E+00
16	ALL	636147.75	4280744.97	9.46010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.367E-03	0.00E+00
17	ALL	636130.24	4280752.18	1.07890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.559E-03	0.00E+00
18	ALL	636112.74	4280759.40	1.22250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.766E-03	0.00E+00
19	ALL	636095.23	4280766.61	1.36970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.979E-03	0.00E+00
20	ALL	636077.73	4280773.82	1.51010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.182E-03	0.00E+00
21	ALL	636302.28	4280602.19	3.44810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.982E-04	0.00E+00
22	ALL	636294.85	4280619.61	3.60210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.204E-04	0.00E+00
23	ALL	636287.42	4280637.02	3.74430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.410E-04	0.00E+00
24	ALL	636279.99	4280654.44	3.88100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.607E-04	0.00E+00
25	ALL	636272.56	4280671.85	4.00850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.792E-04	0.00E+00
26	ALL	636257.69	4280706.68	4.22460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.104E-04	0.00E+00
27	ALL	636250.26	4280724.09	4.32410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.247E-04	0.00E+00
28	ALL	636242.83	4280741.50	4.41350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.377E-04	0.00E+00
29	ALL	636217.89	4280766.13	5.01310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.243E-04	0.00E+00
30	ALL	636200.39	4280773.34	5.60700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.101E-04	0.00E+00
31	ALL	636182.88	4280780.55	6.27870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.072E-04	0.00E+00
32	ALL	636165.38	4280787.76	7.03370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.016E-03	0.00E+00
33	ALL	636147.87	4280794.97	7.88160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.139E-03	0.00E+00
34	ALL	636130.36	4280802.18	8.79350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.271E-03	0.00E+00
35	ALL	636112.86	4280809.40	9.73630E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.407E-03	0.00E+00
36	ALL	636095.35	4280807.67	1.11340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.609E-03	0.00E+00
37	ALL	636309.71	4280584.78	3.29600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.762E-04	0.00E+00
38	ALL	636310.00	4280565.62	3.29060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.754E-04	0.00E+00
39	ALL	636310.29	4280546.47	3.27920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.738E-04	0.00E+00
40	ALL	636310.57	4280527.31	3.26780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.721E-04	0.00E+00
41	ALL	636310.86	4280508.15	3.26340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.715E-04	0.00E+00
42	ALL	636311.15	4280488.99	3.27440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.731E-04	0.00E+00
43	ALL	636311.44	4280469.84	3.30830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.780E-04	0.00E+00
44	ALL	636311.72	4280450.68	3.37120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.871E-04	0.00E+00
45	ALL	636312.01	4280431.52	3.46540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.007E-04	0.00E+00
46	ALL	636352.27	4280602.95	2.51050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.627E-04	0.00E+00
47	ALL	636344.84	4280620.36	2.60760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.768E-04	0.00E+00
48	ALL	636337.41	4280637.77	2.70020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.901E-04	0.00E+00
49	ALL	636329.98	4280655.19	2.78840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.029E-04	0.00E+00
50	ALL	636322.55	4280672.60	2.87830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.159E-04	0.00E+00
51	ALL	636315.12	4280690.01	2.95980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.276E-04	0.00E+00
52	ALL	636307.69	4280707.43	3.03270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.382E-04	0.00E+00
53	ALL	636300.26	4280724.84	3.10590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.488E-04	0.00E+00
54	ALL	636292.82	4280742.25	3.17770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.591E-04	0.00E+00
55	ALL	636285.39	4280759.67	3.24270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.685E-04	0.00E+00
56	ALL	636277.96	4280777.08	3.29960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.767E-04	0.00E+00
57	ALL	636253.03	4280801.71	3.66760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.299E-04	0.00E+00
58	ALL	636235.52	4280808.92	4.03740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.833E-04	0.00E+00
59	ALL	636218.01	4280816.13	4.44960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.429E-04	0.00E+00
60	ALL	636200.51	4280823.34	4.90580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.088E-04	0.00E+00
61	ALL	636183.00	4280830.55	5.41610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.825E-04	0.00E+00
62	ALL	636165.50	4280837.76	5.98700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.650E-04	0.00E+00

63	ALL	636147.99	4280844.97	6.61070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.551E-04	0.000E+00
64	ALL	636130.48	4280852.18	7.25320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.048E-03	0.000E+00
65	ALL	636112.98	4280859.40	7.89780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.141E-03	0.000E+00
66	ALL	636095.47	4280866.61	8.52180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.231E-03	0.000E+00
67	ALL	636077.97	4280873.82	9.09410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.314E-03	0.000E+00
68	ALL	636359.71	4280585.53	2.40440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.474E-04	0.000E+00
69	ALL	636359.99	4280566.37	2.39410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.459E-04	0.000E+00
70	ALL	636360.28	4280547.22	2.37890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.437E-04	0.000E+00
71	ALL	636360.57	4280528.06	2.36330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.415E-04	0.000E+00
72	ALL	636360.86	4280508.90	2.35250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.399E-04	0.000E+00
73	ALL	636361.14	4280489.74	2.35090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.397E-04	0.000E+00
74	ALL	636361.43	4280470.59	2.36270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.414E-04	0.000E+00
75	ALL	636361.72	4280451.43	2.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.456E-04	0.000E+00
76	ALL	636362.01	4280432.27	2.44160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.528E-04	0.000E+00
77	ALL	636402.27	4280603.70	1.90150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.747E-04	0.000E+00
78	ALL	636394.84	4280621.11	1.97230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.850E-04	0.000E+00
79	ALL	636387.41	4280638.52	2.04030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.948E-04	0.000E+00
80	ALL	636379.98	4280655.94	2.10450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.041E-04	0.000E+00
81	ALL	636372.54	4280673.35	2.16470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.128E-04	0.000E+00
82	ALL	636365.11	4280690.76	2.22180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.210E-04	0.000E+00
83	ALL	636357.68	4280708.18	2.27720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.290E-04	0.000E+00
84	ALL	636350.25	4280725.59	2.33090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.368E-04	0.000E+00
85	ALL	636342.82	4280743.00	2.38290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.443E-04	0.000E+00
86	ALL	636335.39	4280760.42	2.42850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.509E-04	0.000E+00
87	ALL	636327.96	4280777.83	2.47140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.571E-04	0.000E+00
88	ALL	636320.53	4280795.24	2.51440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.633E-04	0.000E+00
89	ALL	636313.09	4280812.66	2.55090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.686E-04	0.000E+00
90	ALL	636288.16	4280837.28	2.80160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.048E-04	0.000E+00
91	ALL	636270.65	4280844.49	3.04150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.394E-04	0.000E+00
92	ALL	636253.15	4280851.71	3.30910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.781E-04	0.000E+00
93	ALL	636235.64	4280858.92	3.60290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.206E-04	0.000E+00
94	ALL	636218.13	4280866.13	3.93230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.682E-04	0.000E+00
95	ALL	636200.63	4280873.34	4.29850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.210E-04	0.000E+00
96	ALL	636183.12	4280880.55	4.69850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.788E-04	0.000E+00
97	ALL	636165.62	4280887.76	5.13220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.415E-04	0.000E+00
98	ALL	636148.11	4280894.97	5.59430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.083E-04	0.000E+00
99	ALL	636130.60	4280902.18	6.05850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.753E-04	0.000E+00
100	ALL	636113.10	4280909.40	6.51410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.412E-04	0.000E+00
101	ALL	636095.59	4280916.61	6.94710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.004E-03	0.000E+00
102	ALL	636078.09	4280923.82	7.33840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.060E-03	0.000E+00
103	ALL	636409.70	4280586.28	1.82590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.638E-04	0.000E+00
104	ALL	636409.99	4280567.12	1.81400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.621E-04	0.000E+00
105	ALL	636410.28	4280547.97	1.80140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.603E-04	0.000E+00
106	ALL	636410.56	4280528.81	1.78740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.583E-04	0.000E+00
107	ALL	636410.85	4280509.65	1.77500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.565E-04	0.000E+00
108	ALL	636411.14	4280490.49	1.76850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
109	ALL	636411.43	4280471.34	1.77090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.559E-04	0.000E+00
110	ALL	636411.71	4280452.18	1.78470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.579E-04	0.000E+00
111	ALL	636412.00	4280433.02	1.81170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.618E-04	0.000E+00
112	ALL	636452.26	4280604.45	1.49090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.154E-04	0.000E+00
113	ALL	636444.83	4280621.86	1.54400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.231E-04	0.000E+00
114	ALL	636437.40	4280639.27	1.59430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.303E-04	0.000E+00
115	ALL	636429.97	4280656.69	1.64150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.372E-04	0.000E+00
116	ALL	636422.54	4280674.10	1.68590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.436E-04	0.000E+00
117	ALL	636415.11	4280691.51	1.72800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.497E-04	0.000E+00
118	ALL	636407.68	4280708.93	1.76840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
119	ALL	636400.24	4280726.34	1.80700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.611E-04	0.000E+00
120	ALL	636392.81	4280743.75	1.84280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.663E-04	0.000E+00
121	ALL	636385.38	4280761.17	1.87940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.715E-04	0.000E+00
122	ALL	636377.95	4280778.58	1.91560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.768E-04	0.000E+00
123	ALL	636370.52	4280796.00	1.95010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.818E-04	0.000E+00
124	ALL	636363.09	4280813.41	1.98020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.861E-04	0.000E+00
125	ALL	636355.66	4280830.82	2.00640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.899E-04	0.000E+00
126	ALL	636348.23	4280848.24	2.03180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.936E-04	0.000E+00
127	ALL	636323.29	4280872.86	2.20640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.188E-04	0.000E+00
128	ALL	636305.78	4280880.07	2.37240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.428E-04	0.000E+00
129	ALL	636288.28	4280887.28	2.55500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.692E-04	0.000E+00
130	ALL	636270.77	4280894.49	2.75890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.986E-04	0.000E+00
131	ALL	636253.27	4280901.71	2.97970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.305E-04	0.000E+00
132	ALL	636235.76	4280908.92	3.22030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.653E-04	0.000E+00
133	ALL	636218.25	4280916.13	3.48970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.042E-04	0.000E+00
134	ALL	636200.75	4280923.34	3.78250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.465E-04	0.000E+00
135	ALL	636183.24	4280930.55	4.09660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.919E-04	0.000E+00
136	ALL	636165.74	4280937.76	4.43040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.401E-04	0.000E+00
137	ALL	636148.23	4280944.97	4.77880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.905E-04	0.000E+00
138	ALL	636130.72	4280952.18	5.12180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.400E-04	0.000E+00
139	ALL	636113.22	4280959.40	5.45220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.877E-04	0.000E+00
140	ALL	636095.71	4280966.61	5.76140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.324E-04	0.000E+00
141	ALL	636078.21	4280973.82	6.03730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.723E-04	0.000E+00
142	ALL	636459.69	4280587.03	1.43580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.074E-04	0.000E+00
143	ALL	636459.98	4280567.87	1.42390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.057E-04	0.000E+00
144	ALL	636460.27	4280548.72	1.41090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.039E-04	0.000E+00

145	ALL	636460.56	4280529.56	1.39780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.020E-04	0.000E+00
146	ALL	636460.84	4280510.40	1.38650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.003E-04	0.000E+00
147	ALL	636461.13	4280491.24	1.37840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.992E-04	0.000E+00
148	ALL	636461.42	4280472.09	1.37660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.989E-04	0.000E+00
149	ALL	636461.71	4280452.93	1.38280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.998E-04	0.000E+00
150	ALL	636461.99	4280433.77	1.39810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.020E-04	0.000E+00
151	ALL	636018.02	4280400.44	1.01240E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.463E-02	0.000E+00
152	ALL	635979.66	4280400.34	1.01390E-05	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.465E-02	0.000E+00
153	ALL	635960.48	4280400.30	9.86180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.425E-02	0.000E+00
154	ALL	635941.30	4280400.25	9.33210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.348E-02	0.000E+00
155	ALL	635922.12	4280400.21	8.39830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.213E-02	0.000E+00
156	ALL	635886.61	4280399.68	5.29490E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.650E-03	0.000E+00
157	ALL	636023.77	4280387.68	8.35340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.207E-02	0.000E+00
158	ALL	636004.59	4280387.63	8.45750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.222E-02	0.000E+00
159	ALL	635985.41	4280387.59	8.37840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.211E-02	0.000E+00
160	ALL	635966.23	4280387.54	8.12710E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.174E-02	0.000E+00
161	ALL	635947.05	4280387.49	7.68210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.110E-02	0.000E+00
162	ALL	635927.87	4280387.45	6.93770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.002E-02	0.000E+00
163	ALL	635908.69	4280387.40	5.83770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.434E-03	0.000E+00
164	ALL	635889.51	4280387.36	4.42860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.399E-03	0.000E+00
165	ALL	636023.82	4280367.68	6.33850E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.158E-03	0.000E+00
166	ALL	636004.64	4280367.63	6.37630E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.213E-03	0.000E+00
167	ALL	635985.46	4280367.59	6.26130E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.046E-03	0.000E+00
168	ALL	635966.28	4280367.54	5.99250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.658E-03	0.000E+00
169	ALL	635947.10	4280367.49	5.55400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.024E-03	0.000E+00
170	ALL	635927.92	4280367.45	4.91200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.097E-03	0.000E+00
171	ALL	635908.74	4280367.40	4.07790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.892E-03	0.000E+00
172	ALL	635889.55	4280367.36	3.15960E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.565E-03	0.000E+00
173	ALL	636023.87	4280347.68	4.95930E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.165E-03	0.000E+00
174	ALL	636004.69	4280347.63	4.93740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.134E-03	0.000E+00
175	ALL	635985.51	4280347.59	4.79590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.929E-03	0.000E+00
176	ALL	635966.33	4280347.54	4.52970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.545E-03	0.000E+00
177	ALL	635947.15	4280347.49	4.13260E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.971E-03	0.000E+00
178	ALL	635927.96	4280347.45	3.60880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.214E-03	0.000E+00
179	ALL	635908.78	4280347.40	2.99560E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.328E-03	0.000E+00
180	ALL	635889.60	4280347.36	2.38580E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.447E-03	0.000E+00
181	ALL	636105.29	4280348.93	3.47280E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.018E-03	0.000E+00
182	ALL	636023.92	4280327.68	3.97490E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.743E-03	0.000E+00
183	ALL	636004.74	4280327.63	3.91400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.655E-03	0.000E+00
184	ALL	635985.56	4280327.59	3.75840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.430E-03	0.000E+00
185	ALL	635966.37	4280327.54	3.50580E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.065E-03	0.000E+00
186	ALL	635947.19	4280327.49	3.16300E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.570E-03	0.000E+00
187	ALL	635928.01	4280327.45	2.74610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.968E-03	0.000E+00
188	ALL	635908.83	4280327.40	2.29500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.316E-03	0.000E+00
189	ALL	635889.65	4280327.36	1.87660E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.711E-03	0.000E+00
190	ALL	636023.97	4280307.68	3.24120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.683E-03	0.000E+00
191	ALL	636004.78	4280307.63	3.15890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.564E-03	0.000E+00
192	ALL	635985.60	4280307.59	3.00150E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.337E-03	0.000E+00
193	ALL	635966.42	4280307.54	2.77190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.005E-03	0.000E+00
194	ALL	635947.24	4280307.49	2.48320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.588E-03	0.000E+00
195	ALL	635928.06	4280307.45	2.15510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.114E-03	0.000E+00
196	ALL	635908.88	4280307.40	1.82070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.631E-03	0.000E+00
197	ALL	635889.70	4280307.36	1.52030E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.197E-03	0.000E+00
198	ALL	636024.01	4280287.68	2.67980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.872E-03	0.000E+00
199	ALL	636004.83	4280287.63	2.58690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.738E-03	0.000E+00
200	ALL	635985.65	4280287.59	2.43640E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.520E-03	0.000E+00
201	ALL	635966.47	4280287.54	2.23400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.228E-03	0.000E+00
202	ALL	635947.29	4280287.49	1.99390E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.881E-03	0.000E+00
203	ALL	635928.11	4280287.45	1.73540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.507E-03	0.000E+00
204	ALL	635908.93	4280287.40	1.48310E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.143E-03	0.000E+00
205	ALL	635889.75	4280287.36	1.26020E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.821E-03	0.000E+00
206	ALL	636024.06	4280267.68	2.24220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.240E-03	0.000E+00
207	ALL	636004.88	4280267.63	2.14540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.100E-03	0.000E+00
208	ALL	635985.70	4280267.59	2.00600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.898E-03	0.000E+00
209	ALL	635966.52	4280267.54	1.83100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.645E-03	0.000E+00
210	ALL	635947.34	4280267.49	1.63230E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.358E-03	0.000E+00
211	ALL	635928.16	4280267.45	1.42740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.062E-03	0.000E+00
212	ALL	635908.98	4280267.40	1.23360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.782E-03	0.000E+00
213	ALL	635889.79	4280267.36	1.06350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.537E-03	0.000E+00
214	ALL	636024.11	4280247.68	1.89340E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.736E-03	0.000E+00
215	ALL	636004.93	4280247.63	1.79860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.599E-03	0.000E+00
216	ALL	635985.75	4280247.59	1.67230E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.416E-03	0.000E+00
217	ALL	635966.57	4280247.54	1.52210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.199E-03	0.000E+00
218	ALL	635947.39	4280247.49	1.35840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.963E-03	0.000E+00
219	ALL	635928.20	4280247.45	1.19480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.726E-03	0.000E+00
220	ALL	635909.02	4280247.40	1.04320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.507E-03	0.000E+00
221	ALL	635889.84	4280247.36	9.10500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.316E-03	0.000E+00
222	ALL	636024.16	4280227.68	1.61270E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.330E-03	0.000E+00
223	ALL	636004.98	4280227.63	1.52280E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.200E-03	0.000E+00
224	ALL	635985.80	4280227.59	1.41030E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.038E-03	0.000E+00
225	ALL	635966.61	4280227.54	1.28200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.852E-03	0.000E+00
226	ALL	635947.43	4280227.49	1.14690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.657E-03	0.000E+00

227	ALL	635928.25	4280227.45	1.01510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.467E-03	0.000E+00
228	ALL	635909.07	4280227.40	8.94590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.293E-03	0.000E+00
229	ALL	635889.89	4280227.36	7.88950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.140E-03	0.000E+00
230	ALL	636078.79	4280184.57	1.28940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.863E-03	0.000E+00
231	ALL	636111.11	4280198.16	1.37750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.990E-03	0.000E+00
232	ALL	636143.42	4280211.76	1.36240E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.968E-03	0.000E+00
233	ALL	636175.73	4280225.35	1.24040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.792E-03	0.000E+00
234	ALL	636208.04	4280238.94	1.05040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.518E-03	0.000E+00
235	ALL	636246.86	4280268.81	8.05340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.164E-03	0.000E+00
236	ALL	636259.89	4280301.35	7.09470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.025E-03	0.000E+00
237	ALL	636272.92	4280333.89	6.01800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.695E-04	0.000E+00
238	ALL	636285.95	4280366.44	4.98510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.203E-04	0.000E+00
239	ALL	636298.98	4280398.98	4.11700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.948E-04	0.000E+00
240	ALL	636043.46	4280177.72	1.17500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.698E-03	0.000E+00
241	ALL	636024.28	4280177.68	1.11600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.612E-03	0.000E+00
242	ALL	636005.10	4280177.63	1.04350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.508E-03	0.000E+00
243	ALL	635985.92	4280177.59	9.61870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.390E-03	0.000E+00
244	ALL	635966.73	4280177.54	8.75650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.265E-03	0.000E+00
245	ALL	635947.55	4280177.49	7.90780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.143E-03	0.000E+00
246	ALL	635928.37	4280177.45	7.10940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-03	0.000E+00
247	ALL	635909.19	4280177.40	6.38690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.228E-04	0.000E+00
248	ALL	635890.01	4280177.36	5.75140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.310E-04	0.000E+00
249	ALL	635870.83	4280177.31	5.19920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.512E-04	0.000E+00
250	ALL	636079.16	4280134.67	9.56320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.382E-03	0.000E+00
251	ALL	636111.97	4280148.48	1.05200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.520E-03	0.000E+00
252	ALL	636144.78	4280162.28	1.08430E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.567E-03	0.000E+00
253	ALL	636177.59	4280176.08	1.04130E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.505E-03	0.000E+00
254	ALL	636210.39	4280189.89	9.33100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.348E-03	0.000E+00
255	ALL	636243.20	4280203.69	7.92240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.145E-03	0.000E+00
256	ALL	636282.63	4280234.01	6.17530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.922E-04	0.000E+00
257	ALL	636295.86	4280267.06	5.51650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.970E-04	0.000E+00
258	ALL	636309.09	4280300.10	4.76040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.878E-04	0.000E+00
259	ALL	636322.32	4280333.14	4.01200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.797E-04	0.000E+00
260	ALL	636335.55	4280366.19	3.35230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.843E-04	0.000E+00
261	ALL	636348.78	4280399.23	2.82600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.083E-04	0.000E+00
262	ALL	636043.58	4280127.72	8.52290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.231E-03	0.000E+00
263	ALL	636024.40	4280127.68	8.03030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.160E-03	0.000E+00
264	ALL	636005.22	4280127.63	7.47970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.081E-03	0.000E+00
265	ALL	635986.04	4280127.59	6.90110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.971E-04	0.000E+00
266	ALL	635966.85	4280127.54	6.32140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.133E-04	0.000E+00
267	ALL	635947.67	4280127.49	5.76750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.333E-04	0.000E+00
268	ALL	635928.49	4280127.45	5.25590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.594E-04	0.000E+00
269	ALL	635909.31	4280127.40	4.79510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.928E-04	0.000E+00
270	ALL	635890.13	4280127.36	4.38550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.336E-04	0.000E+00
271	ALL	635870.95	4280127.31	4.02350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.813E-04	0.000E+00
272	ALL	636079.47	4280084.75	7.26680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.050E-03	0.000E+00
273	ALL	636096.05	4280091.73	7.74330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.119E-03	0.000E+00
274	ALL	636129.22	4280105.68	8.46230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.223E-03	0.000E+00
275	ALL	636162.40	4280119.64	8.72690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.261E-03	0.000E+00
276	ALL	636178.98	4280126.62	8.65860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.251E-03	0.000E+00
277	ALL	636212.15	4280140.58	8.13990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.176E-03	0.000E+00
278	ALL	636228.74	4280147.55	7.72640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.116E-03	0.000E+00
279	ALL	636261.91	4280161.51	6.72280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.713E-04	0.000E+00
280	ALL	636295.09	4280175.47	5.64620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.158E-04	0.000E+00
281	ALL	636318.36	4280199.15	4.91780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.105E-04	0.000E+00
282	ALL	636325.05	4280215.86	4.67990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.762E-04	0.000E+00
283	ALL	636338.43	4280249.27	4.15520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.003E-04	0.000E+00
284	ALL	636351.80	4280282.68	3.59700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.197E-04	0.000E+00
285	ALL	636358.49	4280299.38	3.32210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.800E-04	0.000E+00
286	ALL	636371.87	4280332.79	2.81200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.063E-04	0.000E+00
287	ALL	636385.25	4280366.20	2.38320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.443E-04	0.000E+00
288	ALL	636391.93	4280382.91	2.20510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.186E-04	0.000E+00
289	ALL	636043.70	4280077.73	6.39430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.239E-04	0.000E+00
290	ALL	636024.52	4280077.68	6.00300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.673E-04	0.000E+00
291	ALL	636005.34	4280077.63	5.59160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.079E-04	0.000E+00
292	ALL	635986.16	4280077.59	5.17790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.481E-04	0.000E+00
293	ALL	635966.97	4280077.54	4.77600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.900E-04	0.000E+00
294	ALL	635947.79	4280077.50	4.39860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.355E-04	0.000E+00
295	ALL	635928.61	4280077.45	4.05200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.854E-04	0.000E+00
296	ALL	635909.43	4280077.40	3.73870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.402E-04	0.000E+00
297	ALL	635890.25	4280077.36	3.45960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.999E-04	0.000E+00
298	ALL	635871.07	4280077.31	3.21010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.638E-04	0.000E+00
299	ALL	636079.72	4280034.81	5.62980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.134E-04	0.000E+00
300	ALL	636096.45	4280041.85	6.03120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.714E-04	0.000E+00
301	ALL	636113.18	4280048.88	6.39740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.243E-04	0.000E+00
302	ALL	636129.90	4280055.92	6.71080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.696E-04	0.000E+00
303	ALL	636146.63	4280062.96	6.95360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.005E-03	0.000E+00
304	ALL	636163.35	4280069.99	7.11080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-03	0.000E+00
305	ALL	636180.08	4280077.03	7.17350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.036E-03	0.000E+00
306	ALL	636196.80	4280084.07	7.13780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.031E-03	0.000E+00
307	ALL	636213.53	4280091.10	7.00580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.012E-03	0.000E+00
308	ALL	636230.25	4280098.14	6.78740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.807E-04	0.000E+00

309	ALL	636246.98	4280105.18	6.49670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.387E-04	0.000E+00
310	ALL	636263.71	4280112.21	6.15090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.887E-04	0.000E+00
311	ALL	636280.43	4280119.25	5.76870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.335E-04	0.000E+00
312	ALL	636297.16	4280126.29	5.36660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.754E-04	0.000E+00
313	ALL	636313.88	4280133.33	4.95920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.165E-04	0.000E+00
314	ALL	636330.61	4280140.36	4.55790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.585E-04	0.000E+00
315	ALL	636354.08	4280164.24	4.01340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.799E-04	0.000E+00
316	ALL	636360.82	4280181.09	3.83660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.543E-04	0.000E+00
317	ALL	636367.57	4280197.94	3.64450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.266E-04	0.000E+00
318	ALL	636374.31	4280214.78	3.44130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.972E-04	0.000E+00
319	ALL	636387.80	4280248.47	3.01830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.361E-04	0.000E+00
320	ALL	636394.55	4280265.32	2.80740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.056E-04	0.000E+00
321	ALL	636408.04	4280299.01	2.40790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.479E-04	0.000E+00
322	ALL	636414.78	4280315.85	2.22560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.216E-04	0.000E+00
323	ALL	636428.27	4280349.54	1.90400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.751E-04	0.000E+00
324	ALL	636435.02	4280366.39	1.76860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.555E-04	0.000E+00
325	ALL	636448.51	4280400.08	1.55480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.246E-04	0.000E+00
326	ALL	636455.25	4280416.93	1.46950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.123E-04	0.000E+00
327	ALL	636063.00	4280027.77	5.21160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.530E-04	0.000E+00
328	ALL	636043.82	4280027.73	4.92370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.114E-04	0.000E+00
329	ALL	636024.64	4280027.68	4.62020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.675E-04	0.000E+00
330	ALL	636005.46	4280027.63	4.31360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.232E-04	0.000E+00
331	ALL	635986.28	4280027.59	4.01460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.800E-04	0.000E+00
332	ALL	635967.09	4280027.54	3.73070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.390E-04	0.000E+00
333	ALL	635947.91	4280027.50	3.46730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.010E-04	0.000E+00
334	ALL	635928.73	4280027.45	3.22600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.661E-04	0.000E+00
335	ALL	635909.55	4280027.40	3.00620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.343E-04	0.000E+00
336	ALL	635890.37	4280027.36	2.80780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.057E-04	0.000E+00
337	ALL	635871.19	4280027.31	2.62830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.797E-04	0.000E+00
338	ALL	635836.49	4280400.68	2.03820E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.945E-03	0.000E+00
339	ALL	635827.14	4280470.21	2.55590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.693E-03	0.000E+00
340	ALL	635829.98	4280480.92	2.85530E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.125E-03	0.000E+00
341	ALL	635839.41	4280499.09	3.96220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.725E-03	0.000E+00
342	ALL	635816.50	4280400.44	1.50890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.180E-03	0.000E+00
343	ALL	635840.37	4280382.17	1.82540E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.637E-03	0.000E+00
344	ALL	635797.11	4280396.86	1.15550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.670E-03	0.000E+00
345	ALL	635797.48	4280385.56	1.09800E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.586E-03	0.000E+00
346	ALL	635841.52	4280367.92	1.62590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.349E-03	0.000E+00
347	ALL	635773.73	4280405.27	9.13710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.320E-03	0.000E+00
348	ALL	635775.72	4280387.16	8.77180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.267E-03	0.000E+00
349	ALL	635792.28	4280362.06	9.21490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.331E-03	0.000E+00
350	ALL	635817.64	4280348.90	1.08180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.563E-03	0.000E+00
351	ALL	635839.50	4280350.51	1.36590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.974E-03	0.000E+00
352	ALL	635852.86	4280334.51	1.36670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.975E-03	0.000E+00
353	ALL	635776.21	4280445.39	1.03180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.491E-03	0.000E+00
354	ALL	635772.82	4280469.22	1.01410E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.465E-03	0.000E+00
355	ALL	635758.17	4280491.69	8.45530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.222E-03	0.000E+00
356	ALL	635753.74	4280397.23	7.27200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.051E-03	0.000E+00
357	ALL	635771.69	4280375.46	8.06390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.165E-03	0.000E+00
358	ALL	635778.84	4280358.66	8.01760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.158E-03	0.000E+00
359	ALL	635802.89	4280334.94	8.69170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.256E-03	0.000E+00
360	ALL	635819.80	4280328.03	9.59220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.386E-03	0.000E+00
361	ALL	635836.71	4280321.13	1.05500E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.524E-03	0.000E+00
362	ALL	635839.94	4280310.27	1.00040E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.445E-03	0.000E+00
363	ALL	635755.69	4280448.51	8.08670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.168E-03	0.000E+00
364	ALL	635749.78	4280464.42	7.63280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.103E-03	0.000E+00
365	ALL	635749.55	4280483.70	7.62620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.102E-03	0.000E+00
366	ALL	635733.24	4280405.96	6.10220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.817E-04	0.000E+00
367	ALL	635751.09	4280376.62	6.70470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.687E-04	0.000E+00
368	ALL	635765.00	4280343.95	6.69760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.677E-04	0.000E+00
369	ALL	635788.38	4280320.89	7.16350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.035E-03	0.000E+00
370	ALL	635840.70	4280291.97	8.82750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.275E-03	0.000E+00
371	ALL	635730.01	4280444.91	6.17070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.915E-04	0.000E+00
372	ALL	635729.78	4280464.18	6.17610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.923E-04	0.000E+00
373	ALL	635729.55	4280483.46	6.13450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.863E-04	0.000E+00
374	ALL	635712.14	4280390.80	4.96460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.173E-04	0.000E+00
375	ALL	635730.67	4280377.39	5.63820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.146E-04	0.000E+00
376	ALL	635744.29	4280345.38	5.74050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.294E-04	0.000E+00
377	ALL	635774.01	4280306.79	6.02940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.711E-04	0.000E+00
378	ALL	635828.08	4280291.80	8.03880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.161E-03	0.000E+00
379	ALL	635841.45	4280272.88	7.79550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.126E-03	0.000E+00
380	ALL	635710.01	4280444.67	5.11070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.384E-04	0.000E+00
381	ALL	635709.78	4280463.95	5.09150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.356E-04	0.000E+00
382	ALL	635721.44	4280475.72	5.67060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.193E-04	0.000E+00
383	ALL	635656.66	4280398.30	3.30680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.778E-04	0.000E+00
384	ALL	635710.35	4280377.90	4.79090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.922E-04	0.000E+00
385	ALL	635723.76	4280346.39	4.94620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.146E-04	0.000E+00
386	ALL	635737.16	4280314.88	4.90720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.090E-04	0.000E+00
387	ALL	635759.72	4280292.65	5.16060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.456E-04	0.000E+00
388	ALL	635791.41	4280279.69	5.87900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.494E-04	0.000E+00
389	ALL	635823.11	4280273.73	6.93600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.002E-03	0.000E+00
390	ALL	635690.01	4280444.43	4.30350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.218E-04	0.000E+00

391	ALL	635689.78	4280463.71	4.27380E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.175E-04	0.000E+00
392	ALL	635689.55	4280482.98	4.22560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.105E-04	0.000E+00
393	ALL	635689.09	4280521.52	4.08870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.907E-04	0.000E+00
394	ALL	635688.86	4280540.80	4.02450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.815E-04	0.000E+00
395	ALL	635688.63	4280560.07	3.96440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.728E-04	0.000E+00
396	ALL	635688.40	4280579.34	3.93120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.680E-04	0.000E+00
397	ALL	635675.88	4280398.89	3.79270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.480E-04	0.000E+00
398	ALL	635685.14	4280389.91	4.02280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.812E-04	0.000E+00
399	ALL	635694.14	4280378.61	4.23740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.122E-04	0.000E+00
400	ALL	635700.03	4280354.90	4.25390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.146E-04	0.000E+00
401	ALL	635707.48	4280337.40	4.31330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.232E-04	0.000E+00
402	ALL	635714.93	4280319.89	4.32460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.248E-04	0.000E+00
403	ALL	635722.38	4280302.38	4.28720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.194E-04	0.000E+00
404	ALL	635747.44	4280277.68	4.50760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.513E-04	0.000E+00
405	ALL	635765.05	4280270.49	4.81640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.959E-04	0.000E+00
406	ALL	635782.66	4280263.29	5.13800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.423E-04	0.000E+00
407	ALL	635800.27	4280256.09	5.46560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.897E-04	0.000E+00
408	ALL	635817.88	4280248.90	5.81220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.398E-04	0.000E+00
409	ALL	635835.49	4280241.70	6.17930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.928E-04	0.000E+00
410	ALL	635853.10	4280234.51	6.57110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.494E-04	0.000E+00
411	ALL	635870.01	4280444.20	3.67550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.310E-04	0.000E+00
412	ALL	635669.78	4280463.47	3.64250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.263E-04	0.000E+00
413	ALL	635669.55	4280482.74	3.59660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.196E-04	0.000E+00
414	ALL	635669.32	4280502.01	3.53330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.105E-04	0.000E+00
415	ALL	635669.09	4280521.29	3.47370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.019E-04	0.000E+00
416	ALL	635668.86	4280540.56	3.41510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.934E-04	0.000E+00
417	ALL	635668.63	4280559.83	3.35830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.852E-04	0.000E+00
418	ALL	635666.89	4280597.02	3.27320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.729E-04	0.000E+00
419	ALL	635622.01	4280398.81	2.63940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.813E-04	0.000E+00
420	ALL	635643.92	4280397.32	3.03300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.382E-04	0.000E+00
421	ALL	635642.59	4280371.81	2.95820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.274E-04	0.000E+00
422	ALL	635650.04	4280354.30	3.04970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.406E-04	0.000E+00
423	ALL	635657.49	4280336.80	3.12410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.514E-04	0.000E+00
424	ALL	635664.93	4280319.29	3.17820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.592E-04	0.000E+00
425	ALL	635672.38	4280301.79	3.20600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.632E-04	0.000E+00
426	ALL	635679.83	4280284.28	3.20410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.629E-04	0.000E+00
427	ALL	635697.91	4280259.18	3.26640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.719E-04	0.000E+00
428	ALL	635712.34	4280242.08	3.30270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.772E-04	0.000E+00
429	ALL	635735.72	4280247.03	3.75370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.423E-04	0.000E+00
430	ALL	635747.56	4280227.68	3.66780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.299E-04	0.000E+00
431	ALL	635756.66	4280202.26	3.43510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.963E-04	0.000E+00
432	ALL	635783.38	4280199.62	3.81540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.513E-04	0.000E+00
433	ALL	635800.39	4280206.09	4.25230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.144E-04	0.000E+00
434	ALL	635818.00	4280198.90	4.46910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.457E-04	0.000E+00
435	ALL	635835.61	4280191.70	4.69790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.788E-04	0.000E+00
436	ALL	635853.22	4280184.51	4.94090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.139E-04	0.000E+00
437	ALL	635820.02	4280443.60	2.60650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.766E-04	0.000E+00
438	ALL	635619.79	4280462.87	2.57540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.721E-04	0.000E+00
439	ALL	635619.56	4280482.14	2.53900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.668E-04	0.000E+00
440	ALL	635619.33	4280501.42	2.49200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.600E-04	0.000E+00
441	ALL	635619.10	4280520.69	2.44620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.534E-04	0.000E+00
442	ALL	635618.87	4280539.96	2.40030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.468E-04	0.000E+00
443	ALL	635618.64	4280559.23	2.35490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.402E-04	0.000E+00
444	ALL	635618.41	4280578.51	2.32240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.355E-04	0.000E+00
445	ALL	635577.70	4280406.22	2.05040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.962E-04	0.000E+00
446	ALL	635585.15	4280388.72	2.12340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.068E-04	0.000E+00
447	ALL	635592.59	4280371.21	2.19860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.177E-04	0.000E+00
448	ALL	635600.04	4280353.71	2.27250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.283E-04	0.000E+00
449	ALL	635607.49	4280336.20	2.34140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.383E-04	0.000E+00
450	ALL	635614.94	4280318.70	2.40090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.469E-04	0.000E+00
451	ALL	635622.39	4280301.19	2.44690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.535E-04	0.000E+00
452	ALL	635629.83	4280283.69	2.47680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.579E-04	0.000E+00
453	ALL	635637.28	4280266.18	2.48840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.595E-04	0.000E+00
454	ALL	635644.73	4280248.67	2.48140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.585E-04	0.000E+00
455	ALL	635652.18	4280231.17	2.45680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.550E-04	0.000E+00
456	ALL	635677.23	4280206.47	2.53670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.665E-04	0.000E+00
457	ALL	635694.84	4280199.27	2.65200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.832E-04	0.000E+00
458	ALL	635712.45	4280192.08	2.76660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.997E-04	0.000E+00
459	ALL	635573.07	4280184.88	2.88240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.165E-04	0.000E+00
460	ALL	635747.68	4280177.68	3.00110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.336E-04	0.000E+00
461	ALL	635765.29	4280170.49	3.12530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.515E-04	0.000E+00
462	ALL	635782.90	4280163.29	3.25620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.705E-04	0.000E+00
463	ALL	635800.51	4280156.10	3.39470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.905E-04	0.000E+00
464	ALL	635818.12	4280148.90	3.54100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.116E-04	0.000E+00
465	ALL	635835.73	4280141.70	3.69420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.338E-04	0.000E+00
466	ALL	635853.34	4280134.51	3.85520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.570E-04	0.000E+00
467	ALL	635570.02	4280443.00	1.95540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.825E-04	0.000E+00
468	ALL	635569.79	4280462.28	1.92890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.787E-04	0.000E+00
469	ALL	635569.56	4280481.55	1.89990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.745E-04	0.000E+00
470	ALL	635569.33	4280500.82	1.86430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.694E-04	0.000E+00
471	ALL	635569.10	4280520.09	1.82870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.642E-04	0.000E+00
472	ALL	635568.87	4280539.37	1.79360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.591E-04	0.000E+00

473	ALL	635568.64	4280558.64	1.76070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.544E-04	0.000E+00
474	ALL	635568.41	4280577.91	1.73240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.503E-04	0.000E+00
475	ALL	635527.70	4280405.63	1.59650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.307E-04	0.000E+00
476	ALL	635535.15	4280388.12	1.64520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
477	ALL	635542.60	4280370.62	1.69790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.453E-04	0.000E+00
478	ALL	635550.05	4280353.11	1.75230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.532E-04	0.000E+00
479	ALL	635557.49	4280335.61	1.80650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.610E-04	0.000E+00
480	ALL	635564.94	4280318.10	1.85880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.686E-04	0.000E+00
481	ALL	635572.39	4280300.59	1.90640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.754E-04	0.000E+00
482	ALL	635579.84	4280283.09	1.94690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.813E-04	0.000E+00
483	ALL	635587.28	4280265.58	1.97700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.856E-04	0.000E+00
484	ALL	635594.73	4280248.08	1.99490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.882E-04	0.000E+00
485	ALL	635602.18	4280230.57	1.99930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.889E-04	0.000E+00
486	ALL	635609.63	4280213.07	1.99030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.876E-04	0.000E+00
487	ALL	635617.07	4280195.56	1.96910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.845E-04	0.000E+00
488	ALL	635642.13	4280170.86	2.01750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.915E-04	0.000E+00
489	ALL	635659.74	4280163.66	2.09470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.026E-04	0.000E+00
490	ALL	635677.35	4280156.47	2.17040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.136E-04	0.000E+00
491	ALL	635694.96	4280149.27	2.24600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.245E-04	0.000E+00
492	ALL	635712.57	4280142.08	2.32730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.363E-04	0.000E+00
493	ALL	635730.19	4280134.88	2.40790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.479E-04	0.000E+00
494	ALL	635747.80	4280127.68	2.49180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.600E-04	0.000E+00
495	ALL	635765.41	4280120.49	2.58060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.729E-04	0.000E+00
496	ALL	635783.02	4280113.29	2.67460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.864E-04	0.000E+00
497	ALL	635800.63	4280106.10	2.77370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.007E-04	0.000E+00
498	ALL	635818.24	4280098.90	2.87680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.156E-04	0.000E+00
499	ALL	635835.85	4280091.70	2.98310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.310E-04	0.000E+00
500	ALL	635853.46	4280084.51	3.09390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.470E-04	0.000E+00
501	ALL	635852.02	4280442.41	1.52960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.210E-04	0.000E+00
502	ALL	635519.79	4280461.68	1.50590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.176E-04	0.000E+00
503	ALL	635519.56	4280480.95	1.48100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.140E-04	0.000E+00
504	ALL	635519.33	4280500.22	1.45480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.102E-04	0.000E+00
505	ALL	635519.10	4280519.50	1.42710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.062E-04	0.000E+00
506	ALL	635518.87	4280538.77	1.39910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.021E-04	0.000E+00
507	ALL	635518.64	4280558.04	1.37240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.983E-04	0.000E+00
508	ALL	635518.41	4280577.31	1.34860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.949E-04	0.000E+00
509	ALL	635477.71	4280405.03	1.27370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.840E-04	0.000E+00
510	ALL	635485.15	4280387.53	1.31240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.896E-04	0.000E+00
511	ALL	635492.60	4280370.02	1.35170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.953E-04	0.000E+00
512	ALL	635500.05	4280352.51	1.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.011E-04	0.000E+00
513	ALL	635507.50	4280335.01	1.43330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.071E-04	0.000E+00
514	ALL	635514.94	4280317.50	1.47500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.131E-04	0.000E+00
515	ALL	635522.39	4280300.00	1.51600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.190E-04	0.000E+00
516	ALL	635529.84	4280282.49	1.55470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.246E-04	0.000E+00
517	ALL	635537.29	4280264.99	1.58880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.296E-04	0.000E+00
518	ALL	635544.74	4280247.48	1.61640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.335E-04	0.000E+00
519	ALL	635552.18	4280229.98	1.63560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.363E-04	0.000E+00
520	ALL	635559.63	4280212.47	1.64540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
521	ALL	635567.08	4280194.96	1.64540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.377E-04	0.000E+00
522	ALL	635574.53	4280177.46	1.63580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.364E-04	0.000E+00
523	ALL	635581.97	4280159.95	1.61800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.338E-04	0.000E+00
524	ALL	635607.03	4280135.25	1.64980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.384E-04	0.000E+00
525	ALL	635624.64	4280128.06	1.70340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.461E-04	0.000E+00
526	ALL	635642.25	4280120.86	1.75620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.537E-04	0.000E+00
527	ALL	635659.86	4280113.66	1.80990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.615E-04	0.000E+00
528	ALL	635677.47	4280106.47	1.86680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.697E-04	0.000E+00
529	ALL	635695.08	4280099.27	1.92210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.777E-04	0.000E+00
530	ALL	635712.69	4280092.08	1.97890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.859E-04	0.000E+00
531	ALL	635730.31	4280084.88	2.03850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.945E-04	0.000E+00
532	ALL	635747.92	4280077.68	2.10090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.036E-04	0.000E+00
533	ALL	635765.53	4280070.49	2.16750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.132E-04	0.000E+00
534	ALL	635783.14	4280063.29	2.23730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.233E-04	0.000E+00
535	ALL	635800.75	4280056.10	2.30960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.337E-04	0.000E+00
536	ALL	635818.36	4280048.90	2.38510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.446E-04	0.000E+00
537	ALL	635835.97	4280041.70	2.46360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.559E-04	0.000E+00
538	ALL	635853.58	4280034.51	2.54460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.677E-04	0.000E+00
539	ALL	635470.26	4280422.54	1.23200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.780E-04	0.000E+00
540	ALL	635470.03	4280441.81	1.22290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.767E-04	0.000E+00
541	ALL	635469.80	4280461.08	1.20850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.746E-04	0.000E+00
542	ALL	635469.57	4280480.35	1.19090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.721E-04	0.000E+00
543	ALL	635469.34	4280499.63	1.17120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.692E-04	0.000E+00
544	ALL	635469.11	4280518.90	1.14970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.661E-04	0.000E+00
545	ALL	635468.88	4280538.17	1.12730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.629E-04	0.000E+00
546	ALL	635468.65	4280557.44	1.10570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.598E-04	0.000E+00
547	ALL	635468.42	4280576.72	1.08580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.569E-04	0.000E+00
548	ALL	635886.10	4280609.90	9.80070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.416E-02	0.000E+00
549	ALL	635773.49	4280682.94	1.06010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.532E-03	0.000E+00
550	ALL	635887.67	4280641.44	6.51070E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.407E-03	0.000E+00
551	ALL	635833.98	4280668.93	2.55900E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.697E-03	0.000E+00
552	ALL	635834.92	4280644.02	2.93970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.247E-03	0.000E+00
553	ALL	635810.32	4280644.73	1.90860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.758E-03	0.000E+00
554	ALL	635825.86	4280663.71	2.31940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.351E-03	0.000E+00

555	ALL	635791.86	4280644.84	1.41600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.046E-03	0.000E+00
556	ALL	635887.77	4280681.44	4.25310E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.145E-03	0.000E+00
557	ALL	635906.90	4280681.40	4.77330E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.896E-03	0.000E+00
558	ALL	635926.04	4280681.35	5.13320E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.417E-03	0.000E+00
559	ALL	635955.81	4280712.00	4.00910E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.792E-03	0.000E+00
560	ALL	635834.46	4280687.27	2.34650E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.390E-03	0.000E+00
561	ALL	635817.35	4280680.16	1.92600E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.783E-03	0.000E+00
562	ALL	635800.24	4280673.05	1.54450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.232E-03	0.000E+00
563	ALL	635776.19	4280648.76	1.11790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.615E-03	0.000E+00
564	ALL	635774.10	4280641.00	1.08460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.567E-03	0.000E+00
565	ALL	635868.68	4280701.49	3.08740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.461E-03	0.000E+00
566	ALL	635887.81	4280701.44	3.56610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.152E-03	0.000E+00
567	ALL	635905.13	4280693.80	4.20460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.075E-03	0.000E+00
568	ALL	635926.08	4280701.35	4.23610E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.120E-03	0.000E+00
569	ALL	635835.46	4280707.66	2.13360E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.083E-03	0.000E+00
570	ALL	635802.19	4280693.84	1.51080E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.183E-03	0.000E+00
571	ALL	635785.56	4280686.93	1.23480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.784E-03	0.000E+00
572	ALL	635762.17	4280663.31	9.21060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.331E-03	0.000E+00
573	ALL	635755.42	4280646.61	8.39200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.213E-03	0.000E+00
574	ALL	635868.73	4280721.49	2.67240E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.861E-03	0.000E+00
575	ALL	635887.86	4280721.44	3.03730E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.388E-03	0.000E+00
576	ALL	635907.00	4280721.40	3.33740E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.822E-03	0.000E+00
577	ALL	635926.13	4280721.35	3.55100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.131E-03	0.000E+00
578	ALL	635945.27	4280721.31	3.66880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.301E-03	0.000E+00
579	ALL	635964.40	4280721.26	3.68970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.331E-03	0.000E+00
580	ALL	635841.09	4280734.22	1.96090E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.833E-03	0.000E+00
581	ALL	635819.89	4280721.17	1.69450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.448E-03	0.000E+00
582	ALL	635773.03	4280707.93	1.02830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.486E-03	0.000E+00
583	ALL	635748.10	4280677.73	7.73100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.117E-03	0.000E+00
584	ALL	635734.87	4280645.01	6.50850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.404E-04	0.000E+00
585	ALL	635893.08	4280742.36	2.66590E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.852E-03	0.000E+00
586	ALL	635901.58	4280746.87	2.67670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.867E-03	0.000E+00
587	ALL	635926.18	4280741.35	3.01260E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.353E-03	0.000E+00
588	ALL	635945.31	4280741.31	3.10390E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.485E-03	0.000E+00
589	ALL	635964.45	4280741.26	3.11830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.505E-03	0.000E+00
590	ALL	635983.58	4280741.21	3.04930E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.406E-03	0.000E+00
591	ALL	636002.72	4280741.17	2.90250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.194E-03	0.000E+00
592	ALL	636021.85	4280741.12	2.68480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.879E-03	0.000E+00
593	ALL	636040.99	4280741.08	2.41830E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.494E-03	0.000E+00
594	ALL	636060.12	4280741.03	2.11990E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.063E-03	0.000E+00
595	ALL	635841.39	4280754.33	1.76980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.557E-03	0.000E+00
596	ALL	635820.70	4280741.49	1.56970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.268E-03	0.000E+00
597	ALL	635788.62	4280728.16	1.18220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.708E-03	0.000E+00
598	ALL	635756.55	4280714.83	8.45330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.221E-03	0.000E+00
599	ALL	635733.99	4280692.06	6.59850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.534E-04	0.000E+00
600	ALL	635708.00	4280660.42	4.91060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.095E-04	0.000E+00
601	ALL	635705.69	4280647.94	4.75110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.864E-04	0.000E+00
602	ALL	635887.96	4280761.44	2.27940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.293E-03	0.000E+00
603	ALL	635907.09	4280761.40	2.46050E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.555E-03	0.000E+00
604	ALL	635926.23	4280761.35	2.58880E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.740E-03	0.000E+00
605	ALL	635945.36	4280761.31	2.65690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.839E-03	0.000E+00
606	ALL	635964.50	4280761.26	2.66220E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.846E-03	0.000E+00
607	ALL	635983.63	4280761.21	2.60210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.760E-03	0.000E+00
608	ALL	636002.77	4280761.17	2.48090E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.585E-03	0.000E+00
609	ALL	636021.90	4280761.12	2.30620E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.332E-03	0.000E+00
610	ALL	636041.04	4280761.08	2.09180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.022E-03	0.000E+00
611	ALL	635821.35	4280761.74	1.44970E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.095E-03	0.000E+00
612	ALL	635789.66	4280748.57	1.13400E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.638E-03	0.000E+00
613	ALL	635757.98	4280735.40	8.43580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.219E-03	0.000E+00
614	ALL	635714.40	4280716.96	5.42070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.832E-04	0.000E+00
615	ALL	635708.41	4280671.99	4.97200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.184E-04	0.000E+00
616	ALL	635689.58	4280655.47	4.09090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.911E-04	0.000E+00
617	ALL	635690.08	4280597.55	3.99070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.766E-04	0.000E+00
618	ALL	635888.01	4280781.44	2.00350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.895E-03	0.000E+00
619	ALL	635907.14	4280781.40	2.14640E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.101E-03	0.000E+00
620	ALL	635926.28	4280781.35	2.24680E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.246E-03	0.000E+00
621	ALL	635945.41	4280781.31	2.29770E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.320E-03	0.000E+00
622	ALL	635964.55	4280781.26	2.29690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.319E-03	0.000E+00
623	ALL	635983.68	4280781.21	2.24480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.243E-03	0.000E+00
624	ALL	636002.82	4280781.17	2.14450E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.098E-03	0.000E+00
625	ALL	636021.95	4280781.12	2.00250E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.893E-03	0.000E+00
626	ALL	636041.09	4280781.08	1.82790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.641E-03	0.000E+00
627	ALL	636060.22	4280781.03	1.63350E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.360E-03	0.000E+00
628	ALL	635820.39	4280811.29	1.17190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.693E-03	0.000E+00
629	ALL	635787.98	4280797.82	9.71670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.404E-03	0.000E+00
630	ALL	635750.92	4280794.84	7.23210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.045E-03	0.000E+00
631	ALL	635723.18	4280770.89	5.85470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.459E-04	0.000E+00
632	ALL	635684.19	4280741.16	4.13070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.968E-04	0.000E+00
633	ALL	635671.04	4280708.63	3.60860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.214E-04	0.000E+00
634	ALL	635657.88	4280676.10	3.15070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.552E-04	0.000E+00
635	ALL	635644.72	4280643.57	2.78420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.023E-04	0.000E+00
636	ALL	635646.14	4280597.98	2.78970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.031E-04	0.000E+00

637	ALL	635819.76	4280860.98	9.58130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.384E-03	0.000E+00
638	ALL	635786.86	4280847.30	8.28190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.197E-03	0.000E+00
639	ALL	635688.15	4280806.28	4.29450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.205E-04	0.000E+00
640	ALL	635648.57	4280776.09	3.13890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.535E-04	0.000E+00
641	ALL	635635.21	4280743.06	2.78140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.019E-04	0.000E+00
642	ALL	635621.85	4280710.03	2.45780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.551E-04	0.000E+00
643	ALL	635608.49	4280677.00	2.19530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.172E-04	0.000E+00
644	ALL	635595.13	4280643.97	1.98810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.872E-04	0.000E+00
645	ALL	635587.85	4280600.01	1.90980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.759E-04	0.000E+00
646	ALL	635588.25	4280881.44	1.15050E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.662E-03	0.000E+00
647	ALL	635907.38	4280881.40	1.19940E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.733E-03	0.000E+00
648	ALL	635926.52	4280881.35	1.23200E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.780E-03	0.000E+00
649	ALL	635945.65	4280881.31	1.24620E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.801E-03	0.000E+00
650	ALL	635964.79	4280881.26	1.24100E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.793E-03	0.000E+00
651	ALL	635983.92	4280881.21	1.21550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.756E-03	0.000E+00
652	ALL	636003.06	4280881.17	1.17160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.693E-03	0.000E+00
653	ALL	636022.19	4280881.12	1.11190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.607E-03	0.000E+00
654	ALL	636041.33	4280881.08	1.03950E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.502E-03	0.000E+00
655	ALL	636060.46	4280881.03	9.58690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.385E-03	0.000E+00
656	ALL	635835.96	4280917.66	8.26700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.194E-03	0.000E+00
657	ALL	635802.70	4280903.84	7.51850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.086E-03	0.000E+00
658	ALL	635786.06	4280896.92	7.06090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.020E-03	0.000E+00
659	ALL	635769.43	4280890.01	6.58160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.509E-04	0.000E+00
660	ALL	635752.80	4280883.10	6.08210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.787E-04	0.000E+00
661	ALL	635736.16	4280876.19	5.56860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.046E-04	0.000E+00
662	ALL	635702.89	4280862.36	4.57100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.604E-04	0.000E+00
663	ALL	635686.26	4280855.45	4.11070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.939E-04	0.000E+00
664	ALL	635669.63	4280848.53	3.68200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.320E-04	0.000E+00
665	ALL	635652.99	4280841.62	3.28670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.749E-04	0.000E+00
666	ALL	635636.36	4280834.71	2.92750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.230E-04	0.000E+00
667	ALL	635612.97	4280811.10	2.47310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.573E-04	0.000E+00
668	ALL	635599.46	4280777.70	2.21130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.195E-04	0.000E+00
669	ALL	635585.96	4280744.30	1.97610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.855E-04	0.000E+00
670	ALL	635579.20	4280727.60	1.87190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.705E-04	0.000E+00
671	ALL	635565.69	4280694.20	1.69470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.449E-04	0.000E+00
672	ALL	635552.19	4280660.81	1.55750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.250E-04	0.000E+00
673	ALL	635545.43	4280644.11	1.50090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.169E-04	0.000E+00
674	ALL	635531.01	4280601.60	1.40910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.036E-04	0.000E+00
675	ALL	635888.37	4280931.44	9.11290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.317E-03	0.000E+00
676	ALL	635907.50	4280931.40	9.41790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.361E-03	0.000E+00
677	ALL	635926.64	4280931.35	9.61260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.389E-03	0.000E+00
678	ALL	635945.77	4280931.30	9.68520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.399E-03	0.000E+00
679	ALL	635964.91	4280931.26	9.62890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.391E-03	0.000E+00
680	ALL	635984.04	4280931.21	9.44430E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.365E-03	0.000E+00
681	ALL	636003.18	4280931.17	9.13850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.320E-03	0.000E+00
682	ALL	636022.31	4280931.12	8.72740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.261E-03	0.000E+00
683	ALL	636041.45	4280931.07	8.23030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.189E-03	0.000E+00
684	ALL	636060.58	4280931.03	7.67180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.108E-03	0.000E+00
685	ALL	635852.58	4280974.52	7.02550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-03	0.000E+00
686	ALL	635835.80	4280967.55	6.85650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.906E-04	0.000E+00
687	ALL	635819.03	4280960.58	6.63970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.593E-04	0.000E+00
688	ALL	635802.26	4280953.60	6.38350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.223E-04	0.000E+00
689	ALL	635785.48	4280946.63	6.08710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.795E-04	0.000E+00
690	ALL	635768.71	4280939.66	5.75560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.316E-04	0.000E+00
691	ALL	635751.94	4280932.69	5.40180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.805E-04	0.000E+00
692	ALL	635735.16	4280925.72	5.02340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.258E-04	0.000E+00
693	ALL	635718.39	4280918.75	4.63480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.696E-04	0.000E+00
694	ALL	635684.84	4280904.81	3.87670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.601E-04	0.000E+00
695	ALL	635668.07	4280897.84	3.51730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.082E-04	0.000E+00
696	ALL	635651.30	4280890.87	3.18310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.599E-04	0.000E+00
697	ALL	635634.52	4280883.89	2.87440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.153E-04	0.000E+00
698	ALL	635617.75	4280876.92	2.59350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.747E-04	0.000E+00
699	ALL	635600.98	4280869.95	2.33360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.372E-04	0.000E+00
700	ALL	635577.39	4280846.14	2.00300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.894E-04	0.000E+00
701	ALL	635563.77	4280812.46	1.81240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.619E-04	0.000E+00
702	ALL	635556.96	4280795.63	1.72210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.488E-04	0.000E+00
703	ALL	635543.34	4280761.95	1.55550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.247E-04	0.000E+00
704	ALL	635536.53	4280745.11	1.48290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.143E-04	0.000E+00
705	ALL	635522.91	4280711.43	1.35280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.955E-04	0.000E+00
706	ALL	635516.09	4280694.59	1.29910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.877E-04	0.000E+00
707	ALL	635502.47	4280660.91	1.21270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.752E-04	0.000E+00
708	ALL	635495.66	4280644.07	1.17720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.701E-04	0.000E+00
709	ALL	635488.85	4280627.23	1.14710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.657E-04	0.000E+00
710	ALL	635475.23	4280593.56	1.10210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.592E-04	0.000E+00
711	ALL	635869.35	4280981.49	7.11930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.029E-03	0.000E+00
712	ALL	635888.49	4280981.44	7.37920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.066E-03	0.000E+00
713	ALL	635907.62	4280981.40	7.57120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.094E-03	0.000E+00
714	ALL	635926.76	4280981.35	7.68620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.111E-03	0.000E+00
715	ALL	635945.89	4280981.30	7.71690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.115E-03	0.000E+00
716	ALL	635965.03	4280981.26	7.65980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.107E-03	0.000E+00
717	ALL	635984.16	4280981.21	7.53020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.088E-03	0.000E+00
718	ALL	636003.30	4280981.17	7.31420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.057E-03	0.000E+00

719	ALL	636022.43	4280981.12	7.02160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-03	0.000E+00
720	ALL	636041.57	4280981.07	6.66840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.635E-04	0.000E+00
721	ALL	636060.70	4280981.03	6.26980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.059E-04	0.000E+00
722	ALL	635668.98	4280654.24	3.40600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.921E-04	0.000E+00
723	ALL	635625.55	4280594.42	2.41840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.494E-04	0.000E+00
724	ALL	635606.72	4280597.45	2.14270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.096E-04	0.000E+00
725	ALL	635566.02	4280604.44	1.68530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.435E-04	0.000E+00
726	ALL	635551.45	4280600.49	1.56240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.257E-04	0.000E+00
727	ALL	635567.24	4280653.03	1.68920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.441E-04	0.000E+00
728	ALL	636087.01	4280471.41	7.55180E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.091E-02	0.000E+00
729	ALL	635826.46	4280388.41	1.59160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.300E-03	0.000E+00
730	ALL	635837.39	4280334.04	1.17120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.692E-03	0.000E+00
731	ALL	635848.53	4280258.90	7.45550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.077E-03	0.000E+00
732	ALL	635837.89	4280254.04	6.75350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.757E-04	0.000E+00
733	ALL	635846.40	4280242.19	6.61590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.559E-04	0.000E+00
734	ALL	635814.81	4280237.64	5.37000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.759E-04	0.000E+00
735	ALL	635799.32	4280242.80	5.07320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.330E-04	0.000E+00
736	ALL	635775.62	4280252.22	4.68750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.773E-04	0.000E+00
737	ALL	635841.24	4280203.31	5.13880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.425E-04	0.000E+00
738	ALL	635848.22	4280191.77	5.00700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.234E-04	0.000E+00
739	ALL	635754.97	4280254.34	4.25020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.141E-04	0.000E+00
740	ALL	635696.65	4280244.32	3.09600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.473E-04	0.000E+00
741	ALL	635678.73	4280245.23	2.86330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.137E-04	0.000E+00
742	ALL	635705.44	4280707.56	4.94210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.140E-04	0.000E+00
743	ALL	636147.23	4280520.91	1.76900E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.556E-03	0.000E+00
744	ALL	636148.22	4280503.10	1.82110E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.631E-03	0.000E+00
745	ALL	636171.47	4280488.76	1.31160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.895E-03	0.000E+00
746	ALL	636124.74	4280383.48	3.13890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.535E-03	0.000E+00
747	ALL	635642.98	4280469.98	2.98770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.317E-04	0.000E+00
748	ALL	635714.01	4280453.71	5.30170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.660E-04	0.000E+00
749	ALL	635579.27	4280351.30	2.02990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.933E-04	0.000E+00
750	ALL	635588.52	4280445.51	2.15990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.121E-04	0.000E+00
751	ALL	635994.75	4280770.20	2.37290E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.428E-03	0.000E+00
752	ALL	635941.49	4280799.52	2.02460E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.925E-03	0.000E+00
753	ALL	635930.41	4280800.59	1.98790E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.872E-03	0.000E+00
754	ALL	635969.37	4280800.95	1.99860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.888E-03	0.000E+00
755	ALL	635881.79	4280791.29	1.83700E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.654E-03	0.000E+00
756	ALL	636052.31	4280804.52	1.48850E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.151E-03	0.000E+00
757	ALL	636040.51	4280800.23	1.62480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.348E-03	0.000E+00
758	ALL	636066.97	4280800.59	1.39660E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.018E-03	0.000E+00
759	ALL	636098.07	4280798.44	1.14140E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.649E-03	0.000E+00
760	ALL	635832.10	4280799.87	1.33010E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.922E-03	0.000E+00
761	ALL	635716.40	4280791.70	5.44070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.861E-04	0.000E+00
762	ALL	635769.96	4280795.19	8.46280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.223E-03	0.000E+00
763	ALL	635687.88	4280788.79	4.30350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.218E-04	0.000E+00
764	ALL	635664.01	4280800.43	3.56400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.149E-04	0.000E+00
765	ALL	635767.96	4280851.03	7.24310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.047E-03	0.000E+00
766	ALL	635748.16	4280850.44	6.34890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.173E-04	0.000E+00
767	ALL	635728.37	4280852.77	5.51800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.972E-04	0.000E+00
768	ALL	635629.10	4280355.31	2.68810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.884E-04	0.000E+00
769	ALL	635693.43	4280327.60	3.84560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.556E-04	0.000E+00
770	ALL	635639.00	4280336.01	2.79580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.039E-04	0.000E+00
771	ALL	636077.06	4280449.19	9.13960E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.321E-02	0.000E+00
772	ALL	635839.79	4280507.21	4.11910E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.951E-03	0.000E+00
773	ALL	635839.13	4280516.65	4.13550E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.975E-03	0.000E+00
774	ALL	635542.86	4280448.84	1.69650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.451E-04	0.000E+00
775	ALL	635594.34	4280461.21	2.21150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.195E-04	0.000E+00
776	ALL	635624.69	4280669.24	2.43980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.525E-04	0.000E+00
777	ALL	635641.40	4280857.40	3.02520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.371E-04	0.000E+00
778	ALL	635830.98	4280938.08	7.50960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.085E-03	0.000E+00
779	ALL	635887.91	4280891.06	1.09750E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.586E-03	0.000E+00
780	ALL	635887.91	4280968.27	7.78040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.124E-03	0.000E+00
781	ALL	635722.05	4280490.00	5.66730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.188E-04	0.000E+00
782	ALL	635689.83	4280847.25	4.24720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.137E-04	0.000E+00
783	ALL	635551.21	4280395.34	1.78210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.575E-04	0.000E+00
784	ALL	635499.71	4280398.32	1.40250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.026E-04	0.000E+00

HARP2 - HRACalc (dated 22118) 3/1/2025 3:31:57 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 0.76

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 0.76

2<9 Years Bin: 0

2<16 Years Bin: 0

16<30 Years Bin: 0

16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True

Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: True
Egg: True

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

PIG, CHICKEN, & EGG PATHWAY SETTINGS

Surface area (m²): 0

Volume (kg): 0

Volume changes per year: 0

Pig

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Chicken

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Egg

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConCancerRisk.csv

Cancer risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCChronicRisk.csv

Chronic risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCAcuteRisk.csv

Acute risk total by receptor saved to: F:\HRA\0004-0024\HARP\01 - PP UNMIT CON\hra\Unmit

ConNCAcuteRiskSumByRec.csv

HRA ran successfully

Preferred Pump Warehouse and Distribution Center Project - Mitigated Construction (Level 3 Filters Scenario)

Estimation of Annual Onsite Construction Emissions

Start of Construction	5/1/2025	
End of Construction	2/1/2026	Total
Number of Days	276	276
Number of Hours	6,624	6,624

Size of the construction area source: **29,864.5** sq-meters

Run	Year	On-site Construction Activity	Level 3 Filters Mitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	2.0483
Project Construction	2025	Grading	2.6050
Project Construction	2025	Paving	2.4107
Project Construction	2025	Building Construction	15.9030
Project Construction	2026	Building Construction	0.5674
Project Construction	2026	Architectural Coating	0.4631
Total Level 3 Filters Mitigated DPM (On-site)			2.400E+01 pounds
Factor in AERMOD to Account for 5 days per week/8 hours per day: 4.2			

Average Emission for Project Site (AREA)

1.089E+04 grams
 4.569E-04 grams/sec
 1.530E-08 grams/m2-sec

Pounds/Construction Period 2.400E+01
 Pounds/Day 8.695E-02
 Pounds/Hour 3.623E-03
 Pounds/Year 3.174E+01
 Years 0.75616

Preferred Pump Warehouse and Distribution Center Project - Mitigated Construction (Level 3 Filters Scenario)

Estimation of Annual Offsite Construction DPM Emissions (No Change Compared to Unmitigated Scenario)

Start of Construction	5/1/2025					
End of Construction	2/1/2026					Total
Number of Days	276					276
Number of Hours	6,624					6,624
	2025	2025	2025	2025+2026	2026	
	Project	Project	Project	Project	Project	
	Construction	Construction	Construction	Construction	Construction	
Construction Trip Type	Site Preparation	Grading	Paving	Building Construction	Architectural Coating	Total
Total (pounds)	0.00820	0.35261	0.08201	0.40407545	0.01640	0.86330
	Haul Truck	Vendor Truck	Worker	Total		
Site Preparation	0.00	20.00	175.00	195.00		
Grading	250.00	40.00	300.00	590.00		
Paving	0.00	200.00	300.00	500.00		
Building Construction	0.00	985.41	2,401.64	3,387.05		
Architectural Coating	0.00	40.00	73.90	113.90		
Total	250.00	1,285.41	3,250.54	4,785.94		
	Haul Truck	Vendor Truck	Worker	Total		
	(pounds)	(pounds)	(pounds)	(pounds)		
Total DPM	4.510E-02	2.319E-01	5.863E-01	8.633E-01		
Average Emissions						
Grams	2.047E+01	1.053E+02	2.662E+02			
Grams/sec	8.586E-07	4.414E-06	1.116E-05			
Default Distance	20	8.8	14.3	Default Vehicle Travel Distance in CalEEMod		
Vehicle Travel Distances in the Construction HRA (miles)						
Off-site Road Segment 1	0.31	0.31	0.31	miles		
Off-site Road Segment 2	0.29	0.29	0.29	miles		
Onsite, On-road Construction Vehicles	0.11	0.11	0.11	miles		
Trip Distribution (percent)						
Off-site Road Segment 1	50.0%	50.0%	50.0%	off-site		
Off-site Road Segment 2	50.0%	50.0%	50.0%	off-site		
Onsite, On-road Construction Vehicles	100.0%	100.0%	100.0%	on-site		
Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				Total		
Off-site Road Segment 1	6.646E-09	7.766E-08	1.209E-07	2.052E-07		
Off-site Road Segment 2	6.164E-09	7.203E-08	1.121E-07	1.903E-07		
Onsite, On-road Construction Vehicles	4.509E-09	5.269E-08	8.199E-08	1.392E-07		
	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year	
Off-site Road Segment 1	2.052E-07	1.628E-06	3.908E-05	1.426E-02	7.132E-06	
Off-site Road Segment 2	1.903E-07	1.510E-06	3.625E-05	1.323E-02	6.615E-06	
Onsite, On-road Construction Vehicles	1.392E-07	1.105E-06	2.651E-05	7.318E-03	3.659E-06	

Health Risk Summary - Unmitigated Construction (Summary of HARP2 Results)

Preferred Pump Warehouse and Distribution Center Project - Mitigated Construction (Level 3 Filters Scenario)

	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	2.6637E-06	2.66	3.8486E-03	0.00E+00
	X	Y		
MER UTM	635979.66	4280400.34		
Lat/Long	38°39'42.3"N	121°26'13.6"W		
	38.661749, -121.437104			
Receptor # 152				

*HARP - HRACalc v22118 3/2/2025 2:29:22 AM - Cancer Risk - Input File: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3 FiltersHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 2:29:22 AM - Chronic Risk - Input File: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3 FiltersHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 2:29:22 AM - Acute Risk - Input File: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3 FiltersHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	636083.85	4280479.37	2.16710E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1311E-03	0.000E+00
2	ALL	636073.64	4280454.68	2.63130E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8017E-03	0.000E+00
3	ALL	636101.75	4280447.53	1.35670E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9602E-03	0.000E+00
4	ALL	636139.65	4280461.09	6.17410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9204E-04	0.000E+00
5	ALL	636141.74	4280448.13	6.09180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8014E-04	0.000E+00
6	ALL	636161.45	4280467.59	4.21530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0903E-04	0.000E+00
7	ALL	636161.74	4280448.43	4.38890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3411E-04	0.000E+00
8	ALL	636175.26	4280467.63	3.42770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9524E-04	0.000E+00
9	ALL	636181.74	4280448.73	3.27920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7378E-04	0.000E+00
10	ALL	636200.59	4280525.66	2.24180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2390E-04	0.000E+00
11	ALL	636118.66	4280722.88	3.60750E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2122E-04	0.000E+00
12	ALL	636138.95	4280728.58	2.87260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1504E-04	0.000E+00
13	ALL	636107.44	4280741.56	3.67630E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3115E-04	0.000E+00
14	ALL	636075.93	4280754.54	4.50680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5114E-04	0.000E+00
15	ALL	636207.70	4280705.93	1.63970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3690E-04	0.000E+00
16	ALL	636147.75	4280744.97	2.48460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5898E-04	0.000E+00
17	ALL	636130.24	4280752.18	2.83370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0941E-04	0.000E+00
18	ALL	636112.74	4280759.40	3.21070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6389E-04	0.000E+00
19	ALL	636095.23	4280766.61	3.59730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1973E-04	0.000E+00
20	ALL	636077.73	4280773.82	3.96620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7305E-04	0.000E+00
21	ALL	636302.28	4280602.19	9.05740E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3086E-04	0.000E+00
22	ALL	636294.85	4280619.61	9.46180E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3670E-04	0.000E+00
23	ALL	636287.42	4280637.02	9.83520E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4210E-04	0.000E+00
24	ALL	636279.99	4280654.44	1.01940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4729E-04	0.000E+00
25	ALL	636272.56	4280671.85	1.05290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5212E-04	0.000E+00
26	ALL	636257.69	4280706.68	1.10960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6032E-04	0.000E+00
27	ALL	636250.26	4280724.09	1.13580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6410E-04	0.000E+00
28	ALL	636242.83	4280741.50	1.15930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6749E-04	0.000E+00
29	ALL	636217.89	4280766.13	1.31670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9025E-04	0.000E+00
30	ALL	636200.39	4280773.34	1.47270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1278E-04	0.000E+00
31	ALL	636182.88	4280780.55	1.64910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3827E-04	0.000E+00
32	ALL	636165.38	4280787.76	1.84740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6692E-04	0.000E+00
33	ALL	636147.87	4280794.97	2.07010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9909E-04	0.000E+00
34	ALL	636130.36	4280802.18	2.30960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3370E-04	0.000E+00
35	ALL	636112.86	4280809.40	2.55720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6947E-04	0.000E+00
36	ALL	636095.35	4280807.67	2.92440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2252E-04	0.000E+00
37	ALL	636309.71	4280584.78	8.65800E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2509E-04	0.000E+00
38	ALL	636310.00	4280565.62	8.64370E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2488E-04	0.000E+00
39	ALL	636310.29	4280546.47	8.61400E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2446E-04	0.000E+00
40	ALL	636310.57	4280527.31	8.58390E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2402E-04	0.000E+00
41	ALL	636310.86	4280508.15	8.57250E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2386E-04	0.000E+00
42	ALL	636311.15	4280488.99	8.60120E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2427E-04	0.000E+00
43	ALL	636311.44	4280469.84	8.69040E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2556E-04	0.000E+00
44	ALL	636311.72	4280450.68	8.85560E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2795E-04	0.000E+00
45	ALL	636312.01	4280431.52	9.10300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3152E-04	0.000E+00
46	ALL	636352.27	4280602.95	6.59470E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5281E-05	0.000E+00
47	ALL	636344.84	4280620.36	6.84980E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8966E-05	0.000E+00
48	ALL	636337.41	4280637.77	7.09300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0248E-04	0.000E+00
49	ALL	636329.98	4280655.19	7.32470E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0583E-04	0.000E+00
50	ALL	636322.55	4280672.60	7.56050E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0924E-04	0.000E+00
51	ALL	636315.12	4280690.01	7.77460E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1233E-04	0.000E+00
52	ALL	636307.69	4280707.43	7.96610E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1510E-04	0.000E+00
53	ALL	636300.26	4280724.84	8.15850E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1787E-04	0.000E+00
54	ALL	636292.82	4280742.25	8.34690E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2060E-04	0.000E+00
55	ALL	636285.39	4280759.67	8.51780E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2307E-04	0.000E+00
56	ALL	636277.96	4280777.08	8.66720E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2522E-04	0.000E+00
57	ALL	636253.03	4280801.71	9.63380E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3919E-04	0.000E+00
58	ALL	636235.52	4280808.92	1.06050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5322E-04	0.000E+00
59	ALL	636218.01	4280816.13	1.16880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6887E-04	0.000E+00
60	ALL	636200.51	4280823.34	1.28860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8618E-04	0.000E+00
61	ALL	636183.00	4280830.55	1.42260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0554E-04	0.000E+00

62	ALL	636165.50	4280837.76	1.57260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2720E-04	0.000E+00
63	ALL	636147.99	4280844.97	1.73640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5087E-04	0.000E+00
64	ALL	636130.48	4280852.18	1.90510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7526E-04	0.000E+00
65	ALL	636112.98	4280859.40	2.07450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9972E-04	0.000E+00
66	ALL	636095.47	4280866.61	2.23840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2340E-04	0.000E+00
67	ALL	636077.97	4280873.82	2.38880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4513E-04	0.000E+00
68	ALL	636359.71	4280585.53	6.31610E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1256E-05	0.000E+00
69	ALL	636359.99	4280566.37	6.28910E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0866E-05	0.000E+00
70	ALL	636360.28	4280547.22	6.24940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0291E-05	0.000E+00
71	ALL	636360.57	4280528.06	6.20820E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9696E-05	0.000E+00
72	ALL	636360.86	4280508.90	6.18000E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9290E-05	0.000E+00
73	ALL	636361.14	4280489.74	6.17570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9227E-05	0.000E+00
74	ALL	636361.43	4280470.59	6.20680E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9676E-05	0.000E+00
75	ALL	636361.72	4280451.43	6.28360E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0786E-05	0.000E+00
76	ALL	636362.01	4280432.27	6.41400E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2670E-05	0.000E+00
77	ALL	636402.27	4280603.70	4.99510E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2169E-05	0.000E+00
78	ALL	636394.84	4280621.11	5.18110E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4856E-05	0.000E+00
79	ALL	636387.41	4280638.52	5.35970E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7438E-05	0.000E+00
80	ALL	636379.98	4280655.94	5.52820E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9872E-05	0.000E+00
81	ALL	636372.54	4280673.35	5.68640E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2157E-05	0.000E+00
82	ALL	636365.11	4280690.76	5.83640E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4325E-05	0.000E+00
83	ALL	636357.68	4280708.18	5.98200E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6428E-05	0.000E+00
84	ALL	636350.25	4280725.59	6.12280E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8463E-05	0.000E+00
85	ALL	636342.82	4280743.00	6.25940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0436E-05	0.000E+00
86	ALL	636335.39	4280760.42	6.37930E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2168E-05	0.000E+00
87	ALL	636327.96	4280777.83	6.49210E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3798E-05	0.000E+00
88	ALL	636320.53	4280795.24	6.60500E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5430E-05	0.000E+00
89	ALL	636313.09	4280812.66	6.70090E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6815E-05	0.000E+00
90	ALL	636288.16	4280837.28	7.35940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0633E-04	0.000E+00
91	ALL	636270.65	4280844.49	7.98950E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1543E-04	0.000E+00
92	ALL	636253.15	4280851.71	8.69220E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2559E-04	0.000E+00
93	ALL	636235.64	4280858.92	9.46410E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3674E-04	0.000E+00
94	ALL	636218.13	4280866.13	1.03290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4924E-04	0.000E+00
95	ALL	636200.63	4280873.34	1.12910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6313E-04	0.000E+00
96	ALL	636183.12	4280880.55	1.23420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7831E-04	0.000E+00
97	ALL	636165.62	4280887.76	1.34810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9477E-04	0.000E+00
98	ALL	636148.11	4280894.97	1.46950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1231E-04	0.000E+00
99	ALL	636130.60	4280902.18	1.59140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2993E-04	0.000E+00
100	ALL	636113.10	4280909.40	1.71110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4722E-04	0.000E+00
101	ALL	636095.59	4280916.61	1.82490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6366E-04	0.000E+00
102	ALL	636078.09	4280923.82	1.92770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7851E-04	0.000E+00
103	ALL	636409.70	4280586.28	4.79670E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9304E-05	0.000E+00
104	ALL	636409.99	4280567.12	4.76550E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8852E-05	0.000E+00
105	ALL	636410.28	4280547.97	4.73250E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8375E-05	0.000E+00
106	ALL	636410.56	4280528.81	4.69570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7844E-05	0.000E+00
107	ALL	636410.85	4280509.65	4.66320E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7374E-05	0.000E+00
108	ALL	636411.14	4280490.49	4.64610E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7128E-05	0.000E+00
109	ALL	636411.43	4280471.34	4.65240E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7218E-05	0.000E+00
110	ALL	636411.71	4280452.18	4.68860E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7742E-05	0.000E+00
111	ALL	636412.00	4280433.02	4.75950E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8765E-05	0.000E+00
112	ALL	636452.26	4280604.45	3.91680E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6590E-05	0.000E+00
113	ALL	636444.83	4280621.86	4.05620E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8604E-05	0.000E+00
114	ALL	636437.40	4280639.27	4.18820E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0511E-05	0.000E+00
115	ALL	636429.97	4280656.69	4.31230E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2304E-05	0.000E+00
116	ALL	636422.54	4280674.10	4.42880E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3988E-05	0.000E+00
117	ALL	636415.11	4280691.51	4.53920E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5583E-05	0.000E+00
118	ALL	636407.68	4280708.93	4.64550E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7119E-05	0.000E+00
119	ALL	636400.24	4280726.34	4.74690E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8583E-05	0.000E+00
120	ALL	636392.81	4280743.75	4.84100E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9943E-05	0.000E+00
121	ALL	636385.38	4280761.17	4.93700E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1331E-05	0.000E+00
122	ALL	636377.95	4280778.58	5.03210E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2704E-05	0.000E+00
123	ALL	636370.52	4280796.00	5.12280E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4015E-05	0.000E+00
124	ALL	636363.09	4280813.41	5.20190E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5157E-05	0.000E+00
125	ALL	636355.66	4280830.82	5.27070E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6151E-05	0.000E+00
126	ALL	636348.23	4280848.24	5.33740E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7116E-05	0.000E+00
127	ALL	636323.29	4280872.86	5.79600E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3742E-05	0.000E+00
128	ALL	636305.78	4280880.07	6.23200E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0040E-05	0.000E+00
129	ALL	636288.28	4280887.28	6.71180E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6972E-05	0.000E+00
130	ALL	636270.77	4280894.49	7.24720E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0471E-04	0.000E+00
131	ALL	636253.27	4280901.71	7.82710E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1309E-04	0.000E+00
132	ALL	636235.76	4280908.92	8.45920E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2222E-04	0.000E+00
133	ALL	636218.25	4280916.13	9.16670E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3244E-04	0.000E+00
134	ALL	636200.75	4280923.34	9.93580E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4355E-04	0.000E+00
135	ALL	636183.24	4280930.55	1.07610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5547E-04	0.000E+00
136	ALL	636165.74	4280937.76	1.16380E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6815E-04	0.000E+00
137	ALL	636148.23	4280944.97	1.25530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8137E-04	0.000E+00
138	ALL	636130.72	4280952.18	1.34540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9439E-04	0.000E+00
139	ALL	636113.22	4280959.40	1.43220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0693E-04	0.000E+00
140	ALL	636095.71	4280966.61	1.51350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1867E-04	0.000E+00
141	ALL	636078.21	4280973.82	1.58600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2914E-04	0.000E+00
142	ALL	636459.69	4280587.03	3.77200E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4497E-05	0.000E+00
143	ALL	636459.98	4280567.87	3.74070E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4046E-05	0.000E+00

144	ALL	636460.27	4280548.72	3.70660E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3553E-05	0.000E+00
145	ALL	636460.56	4280529.56	3.67220E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3057E-05	0.000E+00
146	ALL	636460.84	4280510.40	3.64270E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2630E-05	0.000E+00
147	ALL	636461.13	4280491.24	3.62130E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2320E-05	0.000E+00
148	ALL	636461.42	4280472.09	3.61650E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2252E-05	0.000E+00
149	ALL	636461.71	4280452.93	3.63280E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2487E-05	0.000E+00
150	ALL	636461.99	4280433.77	3.67300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3068E-05	0.000E+00
151	ALL	636018.02	4280400.44	2.65890E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8416E-03	0.000E+00
152	ALL	635979.66	4280400.34	2.66370E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8486E-03	0.000E+00
153	ALL	635960.48	4280400.30	2.59120E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7438E-03	0.000E+00
154	ALL	635941.30	4280400.25	2.45210E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5428E-03	0.000E+00
155	ALL	635922.12	4280400.21	2.20690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1885E-03	0.000E+00
156	ALL	635886.61	4280399.68	1.39190E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0111E-03	0.000E+00
157	ALL	636023.77	4280387.68	2.19390E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1697E-03	0.000E+00
158	ALL	636004.59	4280387.63	2.22150E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2096E-03	0.000E+00
159	ALL	635985.41	4280387.59	2.20110E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1801E-03	0.000E+00
160	ALL	635966.23	4280387.54	2.13520E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0849E-03	0.000E+00
161	ALL	635947.05	4280387.49	2.01840E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9162E-03	0.000E+00
162	ALL	635927.87	4280387.45	1.82290E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6338E-03	0.000E+00
163	ALL	635908.69	4280387.40	1.53410E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2164E-03	0.000E+00
164	ALL	635889.51	4280387.36	1.16410E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6819E-03	0.000E+00
165	ALL	636023.82	4280367.68	1.66480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4053E-03	0.000E+00
166	ALL	636004.64	4280367.63	1.67490E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4199E-03	0.000E+00
167	ALL	635985.46	4280367.59	1.64480E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3764E-03	0.000E+00
168	ALL	635966.28	4280367.54	1.57430E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2746E-03	0.000E+00
169	ALL	635947.10	4280367.49	1.45920E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1082E-03	0.000E+00
170	ALL	635927.92	4280367.45	1.29060E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8647E-03	0.000E+00
171	ALL	635908.74	4280367.40	1.07160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5482E-03	0.000E+00
172	ALL	635889.55	4280367.36	8.30450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1998E-03	0.000E+00
173	ALL	636023.87	4280347.68	1.30260E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8820E-03	0.000E+00
174	ALL	636004.69	4280347.63	1.29690E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8738E-03	0.000E+00
175	ALL	635985.51	4280347.59	1.25980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8202E-03	0.000E+00
176	ALL	635966.33	4280347.54	1.19000E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7193E-03	0.000E+00
177	ALL	635947.15	4280347.49	1.08570E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5687E-03	0.000E+00
178	ALL	635927.96	4280347.45	9.48180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3699E-03	0.000E+00
179	ALL	635908.78	4280347.40	7.87170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1373E-03	0.000E+00
180	ALL	635889.60	4280347.36	6.27060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0598E-04	0.000E+00
181	ALL	636105.29	4280348.93	9.11980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3176E-03	0.000E+00
182	ALL	636023.92	4280327.68	1.04410E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5085E-03	0.000E+00
183	ALL	636004.74	4280327.63	1.02810E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4855E-03	0.000E+00
184	ALL	635985.56	4280327.59	9.87300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4265E-03	0.000E+00
185	ALL	635966.37	4280327.54	9.21000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3307E-03	0.000E+00
186	ALL	635947.19	4280327.49	8.31000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2006E-03	0.000E+00
187	ALL	635928.01	4280327.45	7.21530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0425E-03	0.000E+00
188	ALL	635908.83	4280327.40	6.03080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7134E-04	0.000E+00
189	ALL	635889.65	4280327.36	4.93230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1262E-04	0.000E+00
190	ALL	636023.97	4280307.68	8.51360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2301E-03	0.000E+00
191	ALL	636004.78	4280307.63	8.29800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1989E-03	0.000E+00
192	ALL	635985.60	4280307.59	7.88470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1392E-03	0.000E+00
193	ALL	635966.42	4280307.54	7.28210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0521E-03	0.000E+00
194	ALL	635947.24	4280307.49	6.52410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4260E-04	0.000E+00
195	ALL	635928.06	4280307.45	5.66250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1812E-04	0.000E+00
196	ALL	635908.88	4280307.40	4.78440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9125E-04	0.000E+00
197	ALL	635889.70	4280307.36	3.99570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7731E-04	0.000E+00
198	ALL	636024.01	4280287.68	7.03910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0170E-03	0.000E+00
199	ALL	636004.83	4280287.63	6.79550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8181E-04	0.000E+00
200	ALL	635985.65	4280287.59	6.40030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2472E-04	0.000E+00
201	ALL	635966.47	4280287.54	5.86920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4798E-04	0.000E+00
202	ALL	635947.29	4280287.49	5.23870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5688E-04	0.000E+00
203	ALL	635928.11	4280287.45	4.55990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5881E-04	0.000E+00
204	ALL	635908.93	4280287.40	3.89730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6309E-04	0.000E+00
205	ALL	635889.75	4280287.36	3.31200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7851E-04	0.000E+00
206	ALL	636024.06	4280267.68	5.88990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5097E-04	0.000E+00
207	ALL	636004.88	4280267.63	5.63590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1427E-04	0.000E+00
208	ALL	635985.70	4280267.59	5.26990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6139E-04	0.000E+00
209	ALL	635966.52	4280267.54	4.81030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9500E-04	0.000E+00
210	ALL	635947.34	4280267.49	4.28870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1964E-04	0.000E+00
211	ALL	635928.16	4280267.45	3.75070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4190E-04	0.000E+00
212	ALL	635908.98	4280267.40	3.24180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6838E-04	0.000E+00
213	ALL	635889.79	4280267.36	2.79520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0385E-04	0.000E+00
214	ALL	636024.11	4280247.68	4.97380E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1862E-04	0.000E+00
215	ALL	636004.93	4280247.63	4.72480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8265E-04	0.000E+00
216	ALL	635985.75	4280247.59	4.39340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3476E-04	0.000E+00
217	ALL	635966.57	4280247.54	3.99890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7777E-04	0.000E+00
218	ALL	635947.39	4280247.49	3.56910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1567E-04	0.000E+00
219	ALL	635928.20	4280247.45	3.13950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5360E-04	0.000E+00
220	ALL	635909.02	4280247.40	2.74150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9610E-04	0.000E+00
221	ALL	635889.84	4280247.36	2.39300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4574E-04	0.000E+00
222	ALL	636024.16	4280227.68	4.23650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1209E-04	0.000E+00
223	ALL	636004.98	4280227.63	4.00050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7799E-04	0.000E+00
224	ALL	635985.80	4280227.59	3.70500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3530E-04	0.000E+00
225	ALL	635966.61	4280227.54	3.36810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8663E-04	0.000E+00

226	ALL	635947.43	4280227.49	3.01340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3537E-04	0.000E+00
227	ALL	635928.25	4280227.45	2.66740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8539E-04	0.000E+00
228	ALL	635909.07	4280227.40	2.35090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3966E-04	0.000E+00
229	ALL	635889.89	4280227.36	2.07350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9959E-04	0.000E+00
230	ALL	636078.79	4280184.57	3.38680E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8933E-04	0.000E+00
231	ALL	636111.11	4280198.16	3.61820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2276E-04	0.000E+00
232	ALL	636143.42	4280211.76	3.57820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1699E-04	0.000E+00
233	ALL	636175.73	4280225.35	3.25780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7069E-04	0.000E+00
234	ALL	636208.04	4280238.94	2.75870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9858E-04	0.000E+00
235	ALL	636246.86	4280268.81	2.11510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0559E-04	0.000E+00
236	ALL	636259.89	4280301.35	1.86330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6922E-04	0.000E+00
237	ALL	636272.92	4280333.89	1.58060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2836E-04	0.000E+00
238	ALL	636285.95	4280366.44	1.30940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8918E-04	0.000E+00
239	ALL	636298.98	4280398.98	1.08140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5624E-04	0.000E+00
240	ALL	636043.46	4280177.72	3.08670E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4597E-04	0.000E+00
241	ALL	636024.28	4280177.68	2.93170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2358E-04	0.000E+00
242	ALL	636005.10	4280177.63	2.74140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9609E-04	0.000E+00
243	ALL	635985.92	4280177.59	2.52710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6512E-04	0.000E+00
244	ALL	635966.73	4280177.54	2.30070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3241E-04	0.000E+00
245	ALL	635947.55	4280177.49	2.07790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0021E-04	0.000E+00
246	ALL	635928.37	4280177.45	1.86820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6992E-04	0.000E+00
247	ALL	635909.19	4280177.40	1.67850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4251E-04	0.000E+00
248	ALL	635890.01	4280177.36	1.51160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1840E-04	0.000E+00
249	ALL	635870.83	4280177.31	1.36660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9745E-04	0.000E+00
250	ALL	636079.16	4280134.67	2.51210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6296E-04	0.000E+00
251	ALL	636111.97	4280148.48	2.76320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9923E-04	0.000E+00
252	ALL	636144.78	4280162.28	2.84790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1147E-04	0.000E+00
253	ALL	636177.59	4280176.08	2.73490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9515E-04	0.000E+00
254	ALL	636210.39	4280189.89	2.45070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5408E-04	0.000E+00
255	ALL	636243.20	4280203.69	2.08070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0062E-04	0.000E+00
256	ALL	636282.63	4280234.01	1.62190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3433E-04	0.000E+00
257	ALL	636295.86	4280267.06	1.44890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0934E-04	0.000E+00
258	ALL	636309.09	4280300.10	1.25030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8065E-04	0.000E+00
259	ALL	636322.32	4280333.14	1.05380E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5225E-04	0.000E+00
260	ALL	636335.55	4280366.19	8.80540E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2722E-04	0.000E+00
261	ALL	636348.78	4280399.23	7.42330E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0725E-04	0.000E+00
262	ALL	636043.58	4280127.72	2.23900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2349E-04	0.000E+00
263	ALL	636024.40	4280127.68	2.10970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0481E-04	0.000E+00
264	ALL	636005.22	4280127.63	1.96510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8392E-04	0.000E+00
265	ALL	635986.04	4280127.59	1.81320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6197E-04	0.000E+00
266	ALL	635966.85	4280127.54	1.66100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3998E-04	0.000E+00
267	ALL	635947.67	4280127.49	1.51550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1897E-04	0.000E+00
268	ALL	635928.49	4280127.45	1.38120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9956E-04	0.000E+00
269	ALL	635909.31	4280127.40	1.26020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8207E-04	0.000E+00
270	ALL	635890.13	4280127.36	1.15260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6653E-04	0.000E+00
271	ALL	635870.95	4280127.31	1.05760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5280E-04	0.000E+00
272	ALL	636079.47	4280084.75	1.90900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7581E-04	0.000E+00
273	ALL	636096.05	4280091.73	2.03410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9389E-04	0.000E+00
274	ALL	636129.22	4280105.68	2.22280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2115E-04	0.000E+00
275	ALL	636162.40	4280119.64	2.29220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3118E-04	0.000E+00
276	ALL	636178.98	4280126.62	2.27420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2858E-04	0.000E+00
277	ALL	636212.15	4280140.58	2.13790E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0889E-04	0.000E+00
278	ALL	636228.74	4280147.55	2.02930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9320E-04	0.000E+00
279	ALL	636261.91	4280161.51	1.76570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5511E-04	0.000E+00
280	ALL	636295.09	4280175.47	1.48290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1426E-04	0.000E+00
281	ALL	636318.36	4280199.15	1.29160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8662E-04	0.000E+00
282	ALL	636325.05	4280215.86	1.22920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7759E-04	0.000E+00
283	ALL	636338.43	4280249.27	1.09140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5768E-04	0.000E+00
284	ALL	636351.80	4280282.68	9.44790E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3650E-04	0.000E+00
285	ALL	636358.49	4280299.38	8.72590E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2607E-04	0.000E+00
286	ALL	636371.87	4280332.79	7.38630E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0672E-04	0.000E+00
287	ALL	636385.25	4280366.20	6.26030E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0450E-05	0.000E+00
288	ALL	636391.93	4280382.91	5.79260E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3692E-05	0.000E+00
289	ALL	636043.70	4280077.73	1.67990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4271E-04	0.000E+00
290	ALL	636024.52	4280077.68	1.57720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2787E-04	0.000E+00
291	ALL	636005.34	4280077.63	1.46910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1226E-04	0.000E+00
292	ALL	635986.16	4280077.59	1.36050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9657E-04	0.000E+00
293	ALL	635966.97	4280077.54	1.25500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8132E-04	0.000E+00
294	ALL	635947.79	4280077.50	1.15590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6700E-04	0.000E+00
295	ALL	635928.61	4280077.45	1.06480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5385E-04	0.000E+00
296	ALL	635909.43	4280077.40	9.82590E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4196E-04	0.000E+00
297	ALL	635890.25	4280077.36	9.09290E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3137E-04	0.000E+00
298	ALL	635871.07	4280077.31	8.43760E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2191E-04	0.000E+00
299	ALL	636079.72	4280034.81	1.47900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1369E-04	0.000E+00
300	ALL	636096.45	4280041.85	1.58440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2892E-04	0.000E+00
301	ALL	636113.18	4280048.88	1.68060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4281E-04	0.000E+00
302	ALL	636129.90	4280055.92	1.76280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5469E-04	0.000E+00
303	ALL	636146.63	4280062.96	1.82660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6390E-04	0.000E+00
304	ALL	636163.35	4280069.99	1.86780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6986E-04	0.000E+00
305	ALL	636180.08	4280077.03	1.88420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7223E-04	0.000E+00
306	ALL	636196.80	4280084.07	1.87480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7088E-04	0.000E+00
307	ALL	636213.53	4280091.10	1.84010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6586E-04	0.000E+00

308	ALL	636230.25	4280098.14	1.78270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5757E-04	0.000E+00
309	ALL	636246.98	4280105.18	1.70640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4654E-04	0.000E+00
310	ALL	636263.71	4280112.21	1.61550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3341E-04	0.000E+00
311	ALL	636280.43	4280119.25	1.51510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1891E-04	0.000E+00
312	ALL	636297.16	4280126.29	1.40950E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0365E-04	0.000E+00
313	ALL	636313.88	4280133.33	1.30250E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8819E-04	0.000E+00
314	ALL	636330.61	4280140.36	1.19710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7296E-04	0.000E+00
315	ALL	636354.08	4280164.24	1.05410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5230E-04	0.000E+00
316	ALL	636360.82	4280181.09	1.00770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4559E-04	0.000E+00
317	ALL	636367.57	4280197.94	9.57240E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3830E-04	0.000E+00
318	ALL	636374.31	4280214.78	9.03870E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3059E-04	0.000E+00
319	ALL	636387.80	4280248.47	7.92780E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1454E-04	0.000E+00
320	ALL	636394.55	4280265.32	7.37410E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0654E-04	0.000E+00
321	ALL	636408.04	4280299.01	6.32510E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1385E-05	0.000E+00
322	ALL	636414.78	4280315.85	5.84630E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4468E-05	0.000E+00
323	ALL	636428.27	4280349.54	5.00160E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2263E-05	0.000E+00
324	ALL	636435.02	4280366.39	4.64610E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7127E-05	0.000E+00
325	ALL	636448.51	4280400.08	4.08460E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9014E-05	0.000E+00
326	ALL	636455.25	4280416.93	3.86050E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5777E-05	0.000E+00
327	ALL	636063.00	4280027.77	1.36920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9782E-04	0.000E+00
328	ALL	636043.82	4280027.73	1.29360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8690E-04	0.000E+00
329	ALL	636024.64	4280027.68	1.21390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7539E-04	0.000E+00
330	ALL	636005.46	4280027.63	1.13340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6375E-04	0.000E+00
331	ALL	635986.28	4280027.59	1.05490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5241E-04	0.000E+00
332	ALL	635967.09	4280027.54	9.80320E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4164E-04	0.000E+00
333	ALL	635947.91	4280027.50	9.11150E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3164E-04	0.000E+00
334	ALL	635928.73	4280027.45	8.47800E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2249E-04	0.000E+00
335	ALL	635909.55	4280027.40	7.90060E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1415E-04	0.000E+00
336	ALL	635890.37	4280027.36	7.37980E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0662E-04	0.000E+00
337	ALL	635871.19	4280027.31	6.90830E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.9812E-05	0.000E+00
338	ALL	635836.49	4280400.68	5.36820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7560E-04	0.000E+00
339	ALL	635827.14	4280470.21	6.72330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7139E-04	0.000E+00
340	ALL	635829.98	4280480.92	7.50870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0849E-03	0.000E+00
341	ALL	635839.41	4280499.09	1.04160E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5049E-03	0.000E+00
342	ALL	635816.50	4280400.44	3.97800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7475E-04	0.000E+00
343	ALL	635840.37	4280382.17	4.80360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9403E-04	0.000E+00
344	ALL	635797.11	4280396.86	3.04840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4044E-04	0.000E+00
345	ALL	635797.48	4280385.56	2.89400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1813E-04	0.000E+00
346	ALL	635841.52	4280367.92	4.27730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1799E-04	0.000E+00
347	ALL	635773.73	4280405.27	2.41710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4922E-04	0.000E+00
348	ALL	635775.72	4280387.16	2.31440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3439E-04	0.000E+00
349	ALL	635792.28	4280362.06	2.42660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5060E-04	0.000E+00
350	ALL	635817.64	4280348.90	2.84640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1125E-04	0.000E+00
351	ALL	635839.50	4280350.51	3.59270E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1908E-04	0.000E+00
352	ALL	635852.86	4280334.51	3.59350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1920E-04	0.000E+00
353	ALL	635776.21	4280445.39	2.72610E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9387E-04	0.000E+00
354	ALL	635772.82	4280469.22	2.67350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8626E-04	0.000E+00
355	ALL	635758.17	4280491.69	2.22800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2190E-04	0.000E+00
356	ALL	635753.74	4280397.23	1.92360E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7792E-04	0.000E+00
357	ALL	635771.69	4280375.46	2.12620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0719E-04	0.000E+00
358	ALL	635778.84	4280358.66	2.11180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0512E-04	0.000E+00
359	ALL	635802.89	4280334.94	2.28700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3043E-04	0.000E+00
360	ALL	635819.80	4280328.03	2.52320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6455E-04	0.000E+00
361	ALL	635836.71	4280321.13	2.77450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0086E-04	0.000E+00
362	ALL	635839.94	4280310.27	2.63060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8007E-04	0.000E+00
363	ALL	635755.69	4280448.51	2.13900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0905E-04	0.000E+00
364	ALL	635749.78	4280464.42	2.01560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9122E-04	0.000E+00
365	ALL	635749.55	4280483.70	2.01090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9054E-04	0.000E+00
366	ALL	635733.24	4280405.96	1.62030E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3410E-04	0.000E+00
367	ALL	635751.09	4280376.62	1.76940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5564E-04	0.000E+00
368	ALL	635765.00	4280343.95	1.76390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5485E-04	0.000E+00
369	ALL	635788.38	4280320.89	1.88500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7235E-04	0.000E+00
370	ALL	635840.70	4280291.97	2.32100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3535E-04	0.000E+00
371	ALL	635730.01	4280444.91	1.63720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3654E-04	0.000E+00
372	ALL	635729.78	4280464.18	1.63300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3594E-04	0.000E+00
373	ALL	635729.55	4280483.46	1.61910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3393E-04	0.000E+00
374	ALL	635712.14	4280390.80	1.31540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9005E-04	0.000E+00
375	ALL	635730.67	4280377.39	1.48940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1518E-04	0.000E+00
376	ALL	635744.29	4280345.38	1.51260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1855E-04	0.000E+00
377	ALL	635774.01	4280306.79	1.58660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2924E-04	0.000E+00
378	ALL	635828.08	4280291.80	2.11390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0542E-04	0.000E+00
379	ALL	635841.45	4280272.88	2.04960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9612E-04	0.000E+00
380	ALL	635710.01	4280444.67	1.35890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9633E-04	0.000E+00
381	ALL	635709.78	4280463.95	1.34820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9479E-04	0.000E+00
382	ALL	635721.44	4280475.72	1.49830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1647E-04	0.000E+00
383	ALL	635656.66	4280398.30	8.82340E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2748E-04	0.000E+00
384	ALL	635710.35	4280377.90	1.26690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8304E-04	0.000E+00
385	ALL	635723.76	4280346.39	1.30410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8841E-04	0.000E+00
386	ALL	635737.16	4280314.88	1.29220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8670E-04	0.000E+00
387	ALL	635759.72	4280292.65	1.35810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9621E-04	0.000E+00
388	ALL	635791.41	4280279.69	1.54640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2343E-04	0.000E+00
389	ALL	635823.11	4280273.73	1.82390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6351E-04	0.000E+00

390	ALL	635690.01	4280444.43	1.14690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6570E-04	0.000E+00
391	ALL	635689.78	4280463.71	1.13340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6376E-04	0.000E+00
392	ALL	635689.55	4280482.98	1.11770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6148E-04	0.000E+00
393	ALL	635689.09	4280521.52	1.07870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5585E-04	0.000E+00
394	ALL	635688.86	4280540.80	1.06100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5330E-04	0.000E+00
395	ALL	635688.63	4280560.07	1.04470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5094E-04	0.000E+00
396	ALL	635688.40	4280579.34	1.03560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4962E-04	0.000E+00
397	ALL	635675.88	4280398.89	1.01020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4596E-04	0.000E+00
398	ALL	635685.14	4280389.91	1.06770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5426E-04	0.000E+00
399	ALL	635694.14	4280378.61	1.12160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6205E-04	0.000E+00
400	ALL	635700.03	4280354.90	1.12290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6224E-04	0.000E+00
401	ALL	635707.48	4280337.40	1.13720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6431E-04	0.000E+00
402	ALL	635714.93	4280319.89	1.13930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6461E-04	0.000E+00
403	ALL	635722.38	4280302.38	1.12890E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6311E-04	0.000E+00
404	ALL	635747.44	4280277.68	1.18620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7138E-04	0.000E+00
405	ALL	635765.05	4280270.49	1.26720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8308E-04	0.000E+00
406	ALL	635782.66	4280263.29	1.35150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9526E-04	0.000E+00
407	ALL	635800.27	4280256.09	1.43740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0768E-04	0.000E+00
408	ALL	635817.88	4280248.90	1.52830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2081E-04	0.000E+00
409	ALL	635835.49	4280241.70	1.62460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3473E-04	0.000E+00
410	ALL	635853.10	4280234.51	1.72740E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4958E-04	0.000E+00
411	ALL	635670.01	4280444.20	9.81970E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4188E-04	0.000E+00
412	ALL	635669.78	4280463.47	9.67570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3980E-04	0.000E+00
413	ALL	635669.55	4280482.74	9.52400E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3760E-04	0.000E+00
414	ALL	635669.32	4280502.01	9.33910E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3493E-04	0.000E+00
415	ALL	635669.09	4280521.29	9.17100E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3250E-04	0.000E+00
416	ALL	635668.86	4280540.56	9.00920E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3017E-04	0.000E+00
417	ALL	635668.63	4280559.83	8.85420E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2793E-04	0.000E+00
418	ALL	635666.89	4280597.02	8.62320E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2459E-04	0.000E+00
419	ALL	635622.01	4280398.81	7.07060E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0216E-04	0.000E+00
420	ALL	635643.92	4280397.32	8.09990E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1703E-04	0.000E+00
421	ALL	635642.59	4280371.81	7.84420E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1333E-04	0.000E+00
422	ALL	635650.04	4280354.30	8.06470E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1652E-04	0.000E+00
423	ALL	635657.49	4280336.80	8.24790E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1917E-04	0.000E+00
424	ALL	635664.93	4280319.29	8.38160E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2110E-04	0.000E+00
425	ALL	635672.38	4280301.79	8.44870E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2207E-04	0.000E+00
426	ALL	635679.83	4280284.28	8.43930E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2193E-04	0.000E+00
427	ALL	635697.91	4280259.18	8.59810E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2423E-04	0.000E+00
428	ALL	635712.34	4280242.08	8.69140E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2557E-04	0.000E+00
429	ALL	635735.72	4280247.03	9.87650E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4270E-04	0.000E+00
430	ALL	635747.56	4280227.68	9.64870E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3941E-04	0.000E+00
431	ALL	635756.66	4280202.26	9.03510E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3054E-04	0.000E+00
432	ALL	635783.38	4280199.62	1.00340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4497E-04	0.000E+00
433	ALL	635800.39	4280206.09	1.11820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6155E-04	0.000E+00
434	ALL	635818.00	4280198.90	1.17500E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6977E-04	0.000E+00
435	ALL	635835.61	4280191.70	1.23510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7844E-04	0.000E+00
436	ALL	635853.22	4280184.51	1.29880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8765E-04	0.000E+00
437	ALL	635620.02	4280443.60	7.01330E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0133E-04	0.000E+00
438	ALL	635619.79	4280462.87	6.87290E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.9300E-05	0.000E+00
439	ALL	635619.56	4280482.14	6.74500E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7453E-05	0.000E+00
440	ALL	635619.33	4280501.42	6.60260E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5395E-05	0.000E+00
441	ALL	635619.10	4280520.69	6.47050E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3486E-05	0.000E+00
442	ALL	635618.87	4280539.96	6.34170E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1626E-05	0.000E+00
443	ALL	635618.64	4280559.23	6.21670E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9819E-05	0.000E+00
444	ALL	635618.41	4280578.51	6.12690E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8522E-05	0.000E+00
445	ALL	635577.70	4280406.22	5.55450E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.0251E-05	0.000E+00
446	ALL	635585.15	4280388.72	5.68140E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2085E-05	0.000E+00
447	ALL	635592.59	4280371.21	5.84590E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4463E-05	0.000E+00
448	ALL	635600.04	4280353.71	6.02090E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6991E-05	0.000E+00
449	ALL	635607.49	4280336.20	6.19000E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9434E-05	0.000E+00
450	ALL	635614.94	4280318.70	6.33830E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1576E-05	0.000E+00
451	ALL	635622.39	4280301.19	6.45330E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3238E-05	0.000E+00
452	ALL	635629.83	4280283.69	6.52750E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4311E-05	0.000E+00
453	ALL	635637.28	4280266.18	6.55470E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4702E-05	0.000E+00
454	ALL	635644.73	4280248.67	6.53370E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4400E-05	0.000E+00
455	ALL	635652.18	4280231.17	6.46710E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3437E-05	0.000E+00
456	ALL	635677.23	4280206.47	6.67480E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6439E-05	0.000E+00
457	ALL	635694.84	4280199.27	6.97730E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0081E-04	0.000E+00
458	ALL	635712.45	4280192.08	7.27820E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0516E-04	0.000E+00
459	ALL	635730.07	4280184.88	7.58180E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0954E-04	0.000E+00
460	ALL	635747.68	4280177.68	7.89330E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1404E-04	0.000E+00
461	ALL	635765.29	4280170.49	8.21890E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1875E-04	0.000E+00
462	ALL	635782.90	4280163.29	8.56250E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2371E-04	0.000E+00
463	ALL	635800.51	4280156.10	8.92590E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2896E-04	0.000E+00
464	ALL	635818.12	4280148.90	9.30960E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3451E-04	0.000E+00
465	ALL	635835.73	4280141.70	9.71170E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4031E-04	0.000E+00
466	ALL	635853.34	4280134.51	1.01340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4642E-04	0.000E+00
467	ALL	635570.02	4280443.00	5.30270E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6614E-05	0.000E+00
468	ALL	635569.79	4280462.28	5.17280E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4737E-05	0.000E+00
469	ALL	635569.56	4280481.55	5.06410E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3167E-05	0.000E+00
470	ALL	635569.33	4280500.82	4.95140E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1539E-05	0.000E+00
471	ALL	635569.10	4280520.09	4.84600E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0015E-05	0.000E+00

472	ALL	635568.87	4280539.37	4.74570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8566E-05	0.000E+00
473	ALL	635568.64	4280558.64	4.65350E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7234E-05	0.000E+00
474	ALL	635568.41	4280577.91	4.57500E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6100E-05	0.000E+00
475	ALL	635527.70	4280405.63	4.34870E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2830E-05	0.000E+00
476	ALL	635535.15	4280388.12	4.41510E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3790E-05	0.000E+00
477	ALL	635542.60	4280370.62	4.52300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5348E-05	0.000E+00
478	ALL	635550.05	4280353.11	4.64830E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7159E-05	0.000E+00
479	ALL	635557.49	4280335.61	4.77990E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9060E-05	0.000E+00
480	ALL	635564.94	4280318.10	4.91000E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0940E-05	0.000E+00
481	ALL	635572.39	4280300.59	5.03020E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2676E-05	0.000E+00
482	ALL	635579.84	4280283.09	5.13260E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4157E-05	0.000E+00
483	ALL	635587.28	4280265.58	5.20890E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5258E-05	0.000E+00
484	ALL	635594.73	4280248.08	5.25380E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5907E-05	0.000E+00
485	ALL	635602.18	4280230.57	5.26350E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6047E-05	0.000E+00
486	ALL	635609.63	4280213.07	5.23850E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5686E-05	0.000E+00
487	ALL	635617.07	4280195.56	5.18150E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4863E-05	0.000E+00
488	ALL	635642.13	4280170.86	5.30780E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6688E-05	0.000E+00
489	ALL	635659.74	4280163.66	5.51040E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9615E-05	0.000E+00
490	ALL	635677.35	4280156.47	5.70910E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2486E-05	0.000E+00
491	ALL	635694.96	4280149.27	5.90760E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5353E-05	0.000E+00
492	ALL	635712.57	4280142.08	6.12100E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8436E-05	0.000E+00
493	ALL	635730.19	4280134.88	6.33250E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1492E-05	0.000E+00
494	ALL	635747.80	4280127.68	6.55270E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4674E-05	0.000E+00
495	ALL	635765.41	4280120.49	6.78570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8040E-05	0.000E+00
496	ALL	635783.02	4280113.29	7.03240E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0160E-04	0.000E+00
497	ALL	635800.63	4280106.10	7.29230E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0536E-04	0.000E+00
498	ALL	635818.24	4280098.90	7.56300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0927E-04	0.000E+00
499	ALL	635835.85	4280091.70	7.84200E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1330E-04	0.000E+00
500	ALL	635853.46	4280084.51	8.13270E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1750E-04	0.000E+00
501	ALL	635520.02	4280442.41	4.17540E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0327E-05	0.000E+00
502	ALL	635519.79	4280461.68	4.05230E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8548E-05	0.000E+00
503	ALL	635519.56	4280480.95	3.95520E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7146E-05	0.000E+00
504	ALL	635519.33	4280500.22	3.86860E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5894E-05	0.000E+00
505	ALL	635519.10	4280519.50	3.78500E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4686E-05	0.000E+00
506	ALL	635518.87	4280538.77	3.70420E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3519E-05	0.000E+00
507	ALL	635518.64	4280558.04	3.62900E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2432E-05	0.000E+00
508	ALL	635518.41	4280577.31	3.56290E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1478E-05	0.000E+00
509	ALL	635477.71	4280405.03	3.40730E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9230E-05	0.000E+00
510	ALL	635485.15	4280387.53	3.49450E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0488E-05	0.000E+00
511	ALL	635492.60	4280370.02	3.58630E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1815E-05	0.000E+00
512	ALL	635500.05	4280352.51	3.68440E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3232E-05	0.000E+00
513	ALL	635507.50	4280335.01	3.78750E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4723E-05	0.000E+00
514	ALL	635514.94	4280317.50	3.89310E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6248E-05	0.000E+00
515	ALL	635522.39	4280300.00	3.99800E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7764E-05	0.000E+00
516	ALL	635529.84	4280282.49	4.09730E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9199E-05	0.000E+00
517	ALL	635537.29	4280264.99	4.18530E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0470E-05	0.000E+00
518	ALL	635544.74	4280247.48	4.25630E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1495E-05	0.000E+00
519	ALL	635552.18	4280229.98	4.30550E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2206E-05	0.000E+00
520	ALL	635559.63	4280212.47	4.33030E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2565E-05	0.000E+00
521	ALL	635567.08	4280194.96	4.32940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2551E-05	0.000E+00
522	ALL	635574.53	4280177.46	4.30370E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2180E-05	0.000E+00
523	ALL	635581.97	4280159.95	4.25600E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1491E-05	0.000E+00
524	ALL	635607.03	4280135.25	4.33920E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2693E-05	0.000E+00
525	ALL	635624.64	4280128.06	4.48010E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4729E-05	0.000E+00
526	ALL	635642.25	4280120.86	4.61890E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6735E-05	0.000E+00
527	ALL	635659.86	4280113.66	4.76010E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8774E-05	0.000E+00
528	ALL	635677.47	4280106.47	4.90950E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0932E-05	0.000E+00
529	ALL	635695.08	4280099.27	5.05480E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3032E-05	0.000E+00
530	ALL	635712.69	4280092.08	5.20380E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5185E-05	0.000E+00
531	ALL	635730.31	4280084.88	5.36030E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7446E-05	0.000E+00
532	ALL	635747.92	4280077.68	5.52430E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9815E-05	0.000E+00
533	ALL	635765.53	4280070.49	5.69900E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2340E-05	0.000E+00
534	ALL	635783.14	4280063.29	5.88220E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4986E-05	0.000E+00
535	ALL	635800.75	4280056.10	6.07190E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7727E-05	0.000E+00
536	ALL	635818.36	4280048.90	6.27000E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0590E-05	0.000E+00
537	ALL	635835.97	4280041.70	6.47600E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3566E-05	0.000E+00
538	ALL	635853.58	4280034.51	6.68870E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6638E-05	0.000E+00
539	ALL	635470.26	4280422.54	3.29410E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7593E-05	0.000E+00
540	ALL	635470.03	4280441.81	3.26620E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7190E-05	0.000E+00
541	ALL	635469.80	4280461.08	3.21700E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6479E-05	0.000E+00
542	ALL	635469.57	4280480.35	3.16140E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5676E-05	0.000E+00
543	ALL	635469.34	4280499.63	3.10310E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4833E-05	0.000E+00
544	ALL	635469.11	4280518.90	3.04180E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3948E-05	0.000E+00
545	ALL	635468.88	4280538.17	2.97990E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3053E-05	0.000E+00
546	ALL	635468.65	4280557.44	2.92040E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2194E-05	0.000E+00
547	ALL	635468.42	4280576.72	2.86620E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1412E-05	0.000E+00
548	ALL	635886.10	4280609.90	2.57530E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7209E-03	0.000E+00
549	ALL	635773.49	4280682.94	2.78780E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0278E-04	0.000E+00
550	ALL	635887.67	4280641.44	1.71140E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4726E-03	0.000E+00
551	ALL	635833.98	4280668.93	6.73320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7281E-04	0.000E+00
552	ALL	635834.92	4280644.02	7.73310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1173E-03	0.000E+00
553	ALL	635810.32	4280644.73	5.01900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2516E-04	0.000E+00

554	ALL	635825.86	4280663.71	6.10080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8145E-04	0.000E+00
555	ALL	635791.86	4280644.84	3.72350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3797E-04	0.000E+00
556	ALL	635887.77	4280681.44	1.11850E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6160E-03	0.000E+00
557	ALL	635906.90	4280681.40	1.25440E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8124E-03	0.000E+00
558	ALL	635926.04	4280681.35	1.34860E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9485E-03	0.000E+00
559	ALL	635955.81	4280712.00	1.05310E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5216E-03	0.000E+00
560	ALL	635834.46	4280687.27	6.17540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9223E-04	0.000E+00
561	ALL	635817.35	4280680.16	5.06590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3193E-04	0.000E+00
562	ALL	635800.24	4280673.05	4.06170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8683E-04	0.000E+00
563	ALL	635776.19	4280648.76	2.93980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2475E-04	0.000E+00
564	ALL	635774.10	4280641.00	2.85230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1210E-04	0.000E+00
565	ALL	635868.68	4280701.49	8.13840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1758E-03	0.000E+00
566	ALL	635887.81	4280701.44	9.38120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3554E-03	0.000E+00
567	ALL	635905.13	4280693.80	1.10510E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5867E-03	0.000E+00
568	ALL	635926.08	4280701.35	1.11300E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6081E-03	0.000E+00
569	ALL	635835.46	4280707.66	5.61710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1156E-04	0.000E+00
570	ALL	635802.19	4280693.84	3.97330E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7407E-04	0.000E+00
571	ALL	635785.56	4280686.93	3.24700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6913E-04	0.000E+00
572	ALL	635762.17	4280663.31	2.42220E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4996E-04	0.000E+00
573	ALL	635755.42	4280646.61	2.20710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1888E-04	0.000E+00
574	ALL	635868.73	4280721.49	7.04830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0183E-03	0.000E+00
575	ALL	635887.86	4280721.44	7.99230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1547E-03	0.000E+00
576	ALL	635907.00	4280721.40	8.77370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2676E-03	0.000E+00
577	ALL	635926.13	4280721.35	9.33130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3482E-03	0.000E+00
578	ALL	635945.27	4280721.31	9.63870E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3926E-03	0.000E+00
579	ALL	635964.40	4280721.26	9.69210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4003E-03	0.000E+00
580	ALL	635841.09	4280734.22	5.16700E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4653E-04	0.000E+00
581	ALL	635819.89	4280721.17	4.45850E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4417E-04	0.000E+00
582	ALL	635773.03	4280707.93	2.70410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9069E-04	0.000E+00
583	ALL	635748.10	4280677.73	2.03320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9375E-04	0.000E+00
584	ALL	635734.87	4280645.01	1.71210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4736E-04	0.000E+00
585	ALL	635893.08	4280742.36	7.01470E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0135E-03	0.000E+00
586	ALL	635901.58	4280746.87	7.04000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0171E-03	0.000E+00
587	ALL	635926.18	4280741.35	7.91720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1439E-03	0.000E+00
588	ALL	635945.31	4280741.31	8.15510E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1783E-03	0.000E+00
589	ALL	635964.45	4280741.26	8.19170E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1835E-03	0.000E+00
590	ALL	635983.58	4280741.21	8.00960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1572E-03	0.000E+00
591	ALL	636002.72	4280741.17	7.62350E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1014E-03	0.000E+00
592	ALL	636021.85	4280741.12	7.05150E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0188E-03	0.000E+00
593	ALL	636040.99	4280741.08	6.35140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1766E-04	0.000E+00
594	ALL	636060.12	4280741.03	5.56770E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.0442E-04	0.000E+00
595	ALL	635841.39	4280754.33	4.66570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7410E-04	0.000E+00
596	ALL	635820.70	4280741.49	4.13120E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9688E-04	0.000E+00
597	ALL	635788.62	4280728.16	3.10910E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4920E-04	0.000E+00
598	ALL	635756.55	4280714.83	2.22300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2117E-04	0.000E+00
599	ALL	635733.99	4280692.06	1.73540E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5073E-04	0.000E+00
600	ALL	635708.00	4280660.42	1.29200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8667E-04	0.000E+00
601	ALL	635705.69	4280647.94	1.25010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8062E-04	0.000E+00
602	ALL	635887.96	4280761.44	6.00180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6715E-04	0.000E+00
603	ALL	635907.09	4280761.40	6.47090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3492E-04	0.000E+00
604	ALL	635926.23	4280761.35	6.80440E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8311E-04	0.000E+00
605	ALL	635945.36	4280761.31	6.98130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0087E-03	0.000E+00
606	ALL	635964.50	4280761.26	6.99410E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0105E-03	0.000E+00
607	ALL	635983.63	4280761.21	6.83520E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8755E-04	0.000E+00
608	ALL	636002.77	4280761.17	6.51650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4151E-04	0.000E+00
609	ALL	636021.90	4280761.12	6.05720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7515E-04	0.000E+00
610	ALL	636041.04	4280761.08	5.49390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9377E-04	0.000E+00
611	ALL	635821.35	4280761.74	3.81630E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5138E-04	0.000E+00
612	ALL	635789.66	4280748.57	2.98260E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3092E-04	0.000E+00
613	ALL	635757.98	4280735.40	2.21840E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2051E-04	0.000E+00
614	ALL	635714.40	4280716.96	1.42570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0599E-04	0.000E+00
615	ALL	635708.41	4280671.99	1.30800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8898E-04	0.000E+00
616	ALL	635689.58	4280655.47	1.07660E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5554E-04	0.000E+00
617	ALL	635690.08	4280597.55	1.05090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5183E-04	0.000E+00
618	ALL	635888.01	4280781.44	5.27720E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6246E-04	0.000E+00
619	ALL	635907.14	4280781.40	5.64590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1573E-04	0.000E+00
620	ALL	635926.28	4280781.35	5.90630E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5335E-04	0.000E+00
621	ALL	635945.41	4280781.31	6.03810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7238E-04	0.000E+00
622	ALL	635964.55	4280781.26	6.03460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7189E-04	0.000E+00
623	ALL	635983.68	4280781.21	5.89690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5199E-04	0.000E+00
624	ALL	636002.82	4280781.17	5.63300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1386E-04	0.000E+00
625	ALL	636021.95	4280781.12	5.25990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5995E-04	0.000E+00
626	ALL	636041.09	4280781.08	4.80110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9366E-04	0.000E+00
627	ALL	636060.22	4280781.03	4.29040E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1989E-04	0.000E+00
628	ALL	635820.39	4280811.29	3.08640E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4593E-04	0.000E+00
629	ALL	635787.98	4280797.82	2.55620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6932E-04	0.000E+00
630	ALL	635750.92	4280794.84	1.90190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7479E-04	0.000E+00
631	ALL	635723.18	4280770.89	1.53960E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2245E-04	0.000E+00
632	ALL	635684.19	4280741.16	1.08650E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5698E-04	0.000E+00
633	ALL	635671.04	4280708.63	9.49450E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3718E-04	0.000E+00
634	ALL	635657.88	4280676.10	8.29300E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1982E-04	0.000E+00
635	ALL	635644.72	4280643.57	7.33220E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0594E-04	0.000E+00

636	ALL	635646.14	4280597.98	7.35220E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0622E-04	0.000E+00
637	ALL	635819.76	4280860.98	2.52490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6480E-04	0.000E+00
638	ALL	635786.86	4280847.30	2.17920E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1485E-04	0.000E+00
639	ALL	635688.15	4280806.28	1.12940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6317E-04	0.000E+00
640	ALL	635648.57	4280776.09	8.25690E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1930E-04	0.000E+00
641	ALL	635635.21	4280743.06	7.31850E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0574E-04	0.000E+00
642	ALL	635621.85	4280710.03	6.46950E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3472E-05	0.000E+00
643	ALL	635608.49	4280677.00	5.78160E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3532E-05	0.000E+00
644	ALL	635595.13	4280643.97	5.23920E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5696E-05	0.000E+00
645	ALL	635587.85	4280600.01	5.03830E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2794E-05	0.000E+00
646	ALL	635588.25	4280881.44	3.03490E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3848E-04	0.000E+00
647	ALL	635907.38	4280881.40	3.15730E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5618E-04	0.000E+00
648	ALL	635926.52	4280881.35	3.24000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6812E-04	0.000E+00
649	ALL	635945.65	4280881.31	3.27570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7328E-04	0.000E+00
650	ALL	635964.79	4280881.26	3.26130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7120E-04	0.000E+00
651	ALL	635983.92	4280881.21	3.19370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6143E-04	0.000E+00
652	ALL	636003.06	4280881.17	3.07800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4472E-04	0.000E+00
653	ALL	636022.19	4280881.12	2.92090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2202E-04	0.000E+00
654	ALL	636041.33	4280881.08	2.73070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9453E-04	0.000E+00
655	ALL	636060.46	4280881.03	2.51830E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6384E-04	0.000E+00
656	ALL	635983.96	4280917.66	2.18530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1573E-04	0.000E+00
657	ALL	635802.70	4280903.84	1.97990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8605E-04	0.000E+00
658	ALL	635786.06	4280896.92	1.85820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6847E-04	0.000E+00
659	ALL	635769.43	4280890.01	1.73140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5016E-04	0.000E+00
660	ALL	635752.80	4280883.10	1.59970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3113E-04	0.000E+00
661	ALL	635736.16	4280876.19	1.46450E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1159E-04	0.000E+00
662	ALL	635702.89	4280862.36	1.20200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7366E-04	0.000E+00
663	ALL	635686.26	4280855.45	1.08100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5618E-04	0.000E+00
664	ALL	635669.63	4280848.53	9.68240E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3989E-04	0.000E+00
665	ALL	635652.99	4280841.62	8.64320E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2488E-04	0.000E+00
666	ALL	635636.36	4280834.71	7.69940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1124E-04	0.000E+00
667	ALL	635612.97	4280811.10	6.50530E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3990E-05	0.000E+00
668	ALL	635599.46	4280777.70	5.81830E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4064E-05	0.000E+00
669	ALL	635585.96	4280744.30	5.20130E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5149E-05	0.000E+00
670	ALL	635579.20	4280727.60	4.92820E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1203E-05	0.000E+00
671	ALL	635565.69	4280694.20	4.46400E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4496E-05	0.000E+00
672	ALL	635552.19	4280660.81	4.10490E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9308E-05	0.000E+00
673	ALL	635545.43	4280644.11	3.95730E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7175E-05	0.000E+00
674	ALL	635531.01	4280601.60	3.71940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3738E-05	0.000E+00
675	ALL	635588.37	4280931.44	2.40370E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4729E-04	0.000E+00
676	ALL	635907.50	4280931.40	2.47900E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5818E-04	0.000E+00
677	ALL	635926.64	4280931.35	2.52810E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6526E-04	0.000E+00
678	ALL	635945.77	4280931.30	2.54600E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6785E-04	0.000E+00
679	ALL	635964.91	4280931.26	2.53060E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6562E-04	0.000E+00
680	ALL	635984.04	4280931.21	2.48160E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5855E-04	0.000E+00
681	ALL	636003.18	4280931.17	2.40100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4690E-04	0.000E+00
682	ALL	636022.31	4280931.12	2.29280E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3127E-04	0.000E+00
683	ALL	636041.45	4280931.07	2.16210E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1239E-04	0.000E+00
684	ALL	636060.58	4280931.03	2.01530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9118E-04	0.000E+00
685	ALL	635852.58	4280974.52	1.86140E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6894E-04	0.000E+00
686	ALL	635835.80	4280967.55	1.81080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6163E-04	0.000E+00
687	ALL	635819.03	4280960.58	1.75020E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5286E-04	0.000E+00
688	ALL	635802.26	4280953.60	1.68100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4287E-04	0.000E+00
689	ALL	635785.48	4280946.63	1.60190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3145E-04	0.000E+00
690	ALL	635768.71	4280939.66	1.51420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1877E-04	0.000E+00
691	ALL	635751.94	4280932.69	1.42080E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0527E-04	0.000E+00
692	ALL	635735.16	4280925.72	1.32110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9087E-04	0.000E+00
693	ALL	635718.39	4280918.75	1.21880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7609E-04	0.000E+00
694	ALL	635684.84	4280904.81	1.01940E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4728E-04	0.000E+00
695	ALL	635668.07	4280897.84	9.24840E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3362E-04	0.000E+00
696	ALL	635651.30	4280890.87	8.37010E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2093E-04	0.000E+00
697	ALL	635634.52	4280883.89	7.55860E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0921E-04	0.000E+00
698	ALL	635617.75	4280876.92	6.82030E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8540E-05	0.000E+00
699	ALL	635600.98	4280869.95	6.13720E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8670E-05	0.000E+00
700	ALL	635577.39	4280846.14	5.26880E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6124E-05	0.000E+00
701	ALL	635563.77	4280812.46	4.76860E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8897E-05	0.000E+00
702	ALL	635556.96	4280795.63	4.53170E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5474E-05	0.000E+00
703	ALL	635543.34	4280761.95	4.09450E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9158E-05	0.000E+00
704	ALL	635536.53	4280745.11	3.90420E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6408E-05	0.000E+00
705	ALL	635522.91	4280711.43	3.56340E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1484E-05	0.000E+00
706	ALL	635516.09	4280694.59	3.42260E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9450E-05	0.000E+00
707	ALL	635502.47	4280660.91	3.19670E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6186E-05	0.000E+00
708	ALL	635495.66	4280644.07	3.10410E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4848E-05	0.000E+00
709	ALL	635488.85	4280627.23	3.02560E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3715E-05	0.000E+00
710	ALL	635475.23	4280593.56	2.90850E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2022E-05	0.000E+00
711	ALL	635869.35	4280981.49	1.88000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7163E-04	0.000E+00
712	ALL	635888.49	4280981.44	1.94400E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8087E-04	0.000E+00
713	ALL	635907.62	4280981.40	1.99230E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8784E-04	0.000E+00
714	ALL	635926.76	4280981.35	2.02130E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9204E-04	0.000E+00
715	ALL	635945.89	4280981.30	2.02860E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9310E-04	0.000E+00
716	ALL	635965.03	4280981.26	2.01310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9086E-04	0.000E+00
717	ALL	635984.16	4280981.21	1.97880E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8589E-04	0.000E+00

718	ALL	636003.30	4280981.17	1.92180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7767E-04	0.000E+00
719	ALL	636022.43	4280981.12	1.84480E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6654E-04	0.000E+00
720	ALL	636041.57	4280981.07	1.75190E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5312E-04	0.000E+00
721	ALL	636060.70	4280981.03	1.64710E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3798E-04	0.000E+00
722	ALL	635668.98	4280654.24	8.96570E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2954E-04	0.000E+00
723	ALL	635625.55	4280594.42	6.37670E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2130E-05	0.000E+00
724	ALL	635606.72	4280597.45	5.65130E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1650E-05	0.000E+00
725	ALL	635566.02	4280604.44	4.44680E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4248E-05	0.000E+00
726	ALL	635551.45	4280600.49	4.12380E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9581E-05	0.000E+00
727	ALL	635567.24	4280653.03	4.45210E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4324E-05	0.000E+00
728	ALL	636087.01	4280471.41	1.98290E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8650E-03	0.000E+00
729	ALL	635826.46	4280388.41	4.19100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0552E-04	0.000E+00
730	ALL	635837.39	4280334.04	3.08010E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4502E-04	0.000E+00
731	ALL	635848.53	4280258.90	1.96000E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8319E-04	0.000E+00
732	ALL	635837.89	4280254.04	1.77560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5654E-04	0.000E+00
733	ALL	635846.40	4280242.19	1.73930E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5130E-04	0.000E+00
734	ALL	635814.81	4280237.64	1.41200E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0401E-04	0.000E+00
735	ALL	635799.32	4280242.80	1.33420E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9276E-04	0.000E+00
736	ALL	635775.62	4280252.22	1.23300E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7815E-04	0.000E+00
737	ALL	635841.24	4280203.31	1.35100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9519E-04	0.000E+00
738	ALL	635848.22	4280191.77	1.31620E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9017E-04	0.000E+00
739	ALL	635754.97	4280254.34	1.11820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6155E-04	0.000E+00
740	ALL	635696.65	4280244.32	8.14840E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1773E-04	0.000E+00
741	ALL	635678.73	4280245.23	7.53710E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0890E-04	0.000E+00
742	ALL	635705.44	4280707.56	1.29990E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8782E-04	0.000E+00
743	ALL	636147.23	4280520.91	4.64570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7122E-04	0.000E+00
744	ALL	636148.22	4280503.10	4.78240E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9096E-04	0.000E+00
745	ALL	636171.47	4280488.76	3.44460E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9767E-04	0.000E+00
746	ALL	636124.74	4280383.48	8.24290E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1909E-03	0.000E+00
747	ALL	635642.98	4280469.98	7.94260E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1475E-04	0.000E+00
748	ALL	635714.01	4280453.71	1.40590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0313E-04	0.000E+00
749	ALL	635579.27	4280351.30	5.38010E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7732E-05	0.000E+00
750	ALL	635588.52	4280445.51	5.83100E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4247E-05	0.000E+00
751	ALL	635994.75	4280770.20	6.23320E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0057E-04	0.000E+00
752	ALL	635941.49	4280799.52	5.32090E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6877E-04	0.000E+00
753	ALL	635930.41	4280800.59	5.22560E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5500E-04	0.000E+00
754	ALL	635969.37	4280800.95	5.25100E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5868E-04	0.000E+00
755	ALL	635881.79	4280791.29	4.84340E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9977E-04	0.000E+00
756	ALL	636052.31	4280804.52	3.90970E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6488E-04	0.000E+00
757	ALL	636040.51	4280800.23	4.26760E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1659E-04	0.000E+00
758	ALL	636066.97	4280800.59	3.66820E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2998E-04	0.000E+00
759	ALL	636098.07	4280798.44	2.99800E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3315E-04	0.000E+00
760	ALL	635832.10	4280799.87	3.50590E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0653E-04	0.000E+00
761	ALL	635716.40	4280791.70	1.43070E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0672E-04	0.000E+00
762	ALL	635769.96	4280795.19	2.22580E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2159E-04	0.000E+00
763	ALL	635687.88	4280788.79	1.13180E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6352E-04	0.000E+00
764	ALL	635664.01	4280800.43	9.37350E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3543E-04	0.000E+00
765	ALL	635767.96	4280851.03	1.90530E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7527E-04	0.000E+00
766	ALL	635748.16	4280850.44	1.66980E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4125E-04	0.000E+00
767	ALL	635728.37	4280852.77	1.45110E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0965E-04	0.000E+00
768	ALL	635629.10	4280355.31	7.11560E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0281E-04	0.000E+00
769	ALL	635693.43	4280327.60	1.01390E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4649E-04	0.000E+00
770	ALL	635639.00	4280336.01	7.38460E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0669E-04	0.000E+00
771	ALL	636077.06	4280449.19	2.39980E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4673E-03	0.000E+00
772	ALL	635839.79	4280507.21	1.08290E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5645E-03	0.000E+00
773	ALL	635839.13	4280516.65	1.08720E-06	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5708E-03	0.000E+00
774	ALL	635542.86	4280448.84	4.59580E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6401E-05	0.000E+00
775	ALL	635594.34	4280461.21	5.91940E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5524E-05	0.000E+00
776	ALL	635624.69	4280669.24	6.42480E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2826E-05	0.000E+00
777	ALL	635641.40	4280857.40	7.95540E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1494E-04	0.000E+00
778	ALL	635830.98	4280938.08	1.98310E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8652E-04	0.000E+00
779	ALL	635887.91	4280891.06	2.89550E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1835E-04	0.000E+00
780	ALL	635887.91	4280968.27	2.05050E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9626E-04	0.000E+00
781	ALL	635722.05	4280490.00	1.49570E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1609E-04	0.000E+00
782	ALL	635689.83	4280847.25	1.11690E-07	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6136E-04	0.000E+00
783	ALL	635551.21	4280395.34	4.80000E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9351E-05	0.000E+00
784	ALL	635499.71	4280398.32	3.78200E-08	0.76YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4642E-05	0.000E+00

HARP2 - HRACalc (dated 22118) 3/2/2025 2:29:22 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 0.76

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 0.76
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True

Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: True
Egg: True

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

PIG, CHICKEN, & EGG PATHWAY SETTINGS

Surface area (m²): 0

Volume (kg): 0

Volume changes per year: 0

Pig

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Chicken

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

Egg

Fraction consumed from contaminated water source: 0

Fraction consumed of contaminated leafy crop: 0.25

Fraction consumed of contaminated exposed crop: 0.25

Fraction consumed of contaminated protected crop: 0.25

Fraction consumed of contaminated root crop: 0.25

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con -

Level 3 FiltersCancerRisk.csv

Cancer risk total by receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3

FiltersCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con -

Level 3 FiltersNCChronicRisk.csv

Chronic risk total by receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3

FiltersNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con -

Level 3 FiltersNCAcuteRisk.csv

Acute risk total by receptor saved to: F:\HRA\0004-0024\HARP\03 - PP MIT CON L3\hra\Mit Con - Level 3

FiltersNCAcuteRiskSumByRec.csv

HRA ran successfully

Health Risk Assessment

Operational DPM Health Risk Assessment

Preferred Pump Warehouse and Distribution Center Project

DPM — Project Operations

Emission Assumptions

Emission Factors

1) Truck Emissions

- (1) EMFAC2021 for emission rates
- (a) Calculations for Sacramento County - 2026 Operational Year
- (b) Truck Mix Medium-heavy and heavy-heavy-duty trucks (MHDT and HHDT diesel trucks)
- (c) Truck Idle One instance per trip
- (d) Onsite Vehicle Travel Speed 5-15 mph aggregated for trucks
- (e) Offsite Vehicle Travel Speed 10-25 mph aggregated for trucks

Traffic Allocation

- 1) Traffic distribution based on site layout identified in the site plan
- 2) Project-specific trip generation
- 3) Onsite travel emissions generated from diesel trucks
- 4) Onsite idling emissions generated by trucks

Emission Source Configuration

- 1) Project onsite truck traffic represented by a line source
- 2) Project onsite truck idling represented as line sources (series of point sources)
- 3) Offsite vehicles represented by three (3) line sources

Onsite Vehicle Travel Segments

Segment	Source ID	Segment Travel Distance (m)	
On-site Truck Travel	On-site1	169.0	
Onsite Truck Idling			
On-site Idling – Location 1	Idle1	52.7	Docks South of Building
On-site Idling – Location 2	Idle2	30.0	Docks East of Building

Offsite Vehicle Travel Segments

Segment	Segment Travel Distance (m)		
Off-site Truck Route 1	Off-site1	498.2	Off-site Road Segment 1
Off-site Truck Route 2	Off-site2	462.1	Off-site Road Segment 2

Other Input Parameters

Truck Operations (hr/day): 24

Preferred Pump Warehouse and Distribution Center Project

Vehicle Fleet Mix			
	HHDT	MHDT	
Warehouse Trucks	7	4	
Office Trucks	0.69	1.12	average daily truck trips based on CalEEMod default amounts
Total Project Trucks	7.69	5.12	

Total Daily Truck Trips		Trucks	Total Daily Truck Trips
(Trips/day)	Daily Trips	12.8	12.81
12.8	Fleet Mix	100.0%	100.0%
—			

Vehicle Fleet			Total Number of Daily Trips	Number of Daily Diesel Trips	Number of Daily Non-Trips	Total Number of Daily Trips	% Diesel Trips	% Non-Diesel Trips	Total Trips
	Trucks Project Vehicle Mix	% Diesel							
MHDT (3 axle truck)	40.0%	100.0%	5	5.1	0	5	39.98%	0.00%	
HHDT (4+ axle truck)	60.0%	100.0%	8	7.7	0	8	60.02%	0.00%	
Truck Fleet Total	100.0%		13	12.8	0	13	100.00%	0.00%	100.00%

Truck fleet mix consistent with the project CalEEMod runs used in the Air Quality Analysis.
Assumed 100% diesel for MHDT and HHDT.

Preferred Pump Warehouse and Distribution Center Project

Trip Distribution

Vehicle Allocation - Number of Daily Diesel Trips

Allocation of Truck Trips

Percent Allocation - On-site Travel
100% On-site Travel – Route 1 (DSL trucks)
100% Total Diesel Truck Trips

Segment - On-site Travel	Source ID	LDA	LDT1	LDT2	MDT	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	SBUS	MH	Total
On-site Truck Travel	On-site1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	7.7	0.0	0.0	0.0	0.0	12.8
Total Diesel Trucks	—	0	0	0	0	0	0	5	8	0	0	0	0	13

Percent Allocation of Trips - On-site Diesel Truck Idling
60.0% On-site Idling – Location 1
40.0% On-site Idling – Location 2
100% Total Diesel Truck Trips

Segment - On-site Truck Idle	Source ID	LDA	LDT1	LDT2	MDT	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	SBUS	MH	Total
On-site Idling – Location 1	Idle1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	4.6	0.0	0.0	0.0	0.0	7.7
On-site Idling – Location 2	Idle2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.1	0.0	0.0	0.0	0.0	5.1
Total Idling (Diesel Trucks Idling)	—	0	0	0	0	0	0	5	8	0	0	0	0	13

Preferred Pump Warehouse and Distribution Center Project

Diesel Vehicle Emissions

Processes Modeled

Diesel vehicle exhaust

Diesel vehicle idling

Facility Operations

24 hrs/day, 52 weeks/year

On-site Travel Links Modeled

Link	Truck Type	Average Speed (mph)	Emission Factor (g/mi)	Trips per Daily (in and out)	Link Length (m)	Link Length (mi)	Ave Emissions Over Link (g/day)	Ave Emissions (lbs/day)	Average Emissions (g/sec)	Emissions for all Vehicles (g/sec)
On-site1	MHDT	5-15	0.03994	5.1	169	0.10	2.148E-02	4.73E-05	2.486E-07	
	HHDT	5-15	0.05514	7.7	169	0.10	4.452E-02	9.81E-05	5.153E-07	7.6388E-07

Preferred Pump Warehouse and Distribution Center Project

Diesel Truck Idling Emissions

Onsite Vehicle Travel Segments	Truck Type	DPM Emission Factor (grams/day)	Idling Time (min)	Number Idling Vehicle Trips/day	Emissions (g/day)	Emissions (lb/day)	Average Emissions (g/sec)	Total Emissions for all Vehicles (g/sec)	Total Emissions for all Vehicles (g/day)
Idle1	MHDT	0.023	15	3.1	7.46E-04	1.64E-06	8.64E-09		
	HHDT	0.033	15	4.6	1.61E-03	3.54E-06	1.86E-08	2.7219E-08	2.3517E-03
Idle2	MHDT	0.023	15	2.0	4.97E-04	1.10E-06	5.76E-09		
	HHDT	0.033	15	3.1	1.07E-03	2.36E-06	1.24E-08	1.8146E-08	1.5678E-03

Preferred Pump Warehouse and Distribution Center Project

Project Operations 24 hours/day

Emission Rates Running Emissions 10-25 mph Averaged (EMFAC2021 for Sacramento County by vehicle type and speed)

Offsite DSL Truck Roadway Emissions

Segment ID	Description	% total Trips
Off1	Off-site Truck Route 1	50.0%
Off2	Off-site Truck Route 2	50.0%
Total		100.0%

Segment ID: Off1

Travel Distance: 498.2 meters

Operations 24 hours/day

Vehicle Class	Daily Trips (trips/day)	Emission Factor (g/mi)	Travel Distance (mi)	Emissions (g/day)	Emissions (g/sec)
MHDT-DSL	2.6	0.0238212	0.31	0.019	2.19E-07
HHDT-DSL	3.8	0.0133183	0.31	0.016	1.83E-07
Total	6.4			3.47E-02	4.02E-07

Segment ID:

Off2

Travel Distance:

462.1 meters

Operations

24 hours/day

Vehicle Class	Daily Trips (trips/day)	Emission Factor (g/mi)	Travel Distance (mi)	Emissions (g/day)	Emissions (g/sec)
MHDT-DSL	2.6	0.0238212	0.29	0.018	2.03E-07
HHDT-DSL	3.8	0.0133183	0.29	0.015	1.70E-07
Total	6.4			3.22E-02	3.73E-07

On-site Truck Running and Idling Emissions for the Operational Health Risk Analysis—Preferred Pump Warehouse and Distribution Center Project

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: County

Region: Sacramento

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
Sacramento	2026	HHDT	Aggregate	5	Diesel	6189.782719	17.49879615	0.103735692	0.10842616	3400.834396	0.026006168	0.535802844	0.559905656	0.637409968	1.369643869	0.032203868
Sacramento	2026	HHDT	Aggregate	10	Diesel	15859.05904	12.7581973	0.063905812	0.06679535	3072.205562	0.014520124	0.484027237	0.312614288	0.355887571	0.906510904	0.02909195
Sacramento	2026	HHDT	Aggregate	15	Diesel	20071.04181	7.879935687	0.031192142	0.032602513	2538.584916	0.005621288	0.399955087	0.121024787	0.137777507	0.493920484	0.024038881
Sacramento	2026	HHDT	Aggregate	20	Diesel	43979.87537	4.177668833	0.011006229	0.011503881	2081.708989	0.001681677	0.327974099	0.036206052	0.041217834	0.272023974	0.019712539
Sacramento	2026	HHDT	Aggregate	25	Diesel	23663.89252	5.18534434	0.020227138	0.02114172	1946.41197	0.002405756	0.306657999	0.051795277	0.05896498	0.288878336	0.018431357
Total						47.49994232	0.230067014	0.240469624	13039.74583	0.050235013	2.054417266	1.08154606	1.231257861	3.330977568	0.123478595	
Sacramento	2026	LHDT1	Aggregate	5	Diesel	8651.456488	2.406387549	0.099715085	0.104223758	1184.87546	0.021028437	0.186677611	0.45272987	0.515402858	1.469206737	0.011227297
Sacramento	2026	LHDT1	Aggregate	10	Diesel	28770.03595	2.240068797	0.081146819	0.084815918	1026.403089	0.017146502	0.161710225	0.3691541	0.4202574	1.166526551	0.009725691
Sacramento	2026	LHDT1	Aggregate	15	Diesel	62307.6559	2.100829777	0.066579387	0.069589811	860.0433459	0.014174853	0.135500179	0.305176234	0.347422853	0.934585803	0.008149348
Sacramento	2026	LHDT1	Aggregate	20	Diesel	68309.31614	1.981185017	0.054854986	0.057335285	743.8279558	0.011814265	0.117190397	0.254354179	0.289565323	0.751129242	0.007048148
Sacramento	2026	LHDT1	Aggregate	25	Diesel	73109.19205	1.8916704	0.045320842	0.04737005	646.8791294	0.008986037	0.10191607	0.213055847	0.242549917	0.603776804	0.006129508
Total						10.62014154	0.347617119	0.363334823	4462.02898	0.074060094	0.702994483	1.594470231	1.81519835	4.925225139	0.042279992	
Sacramento	2026	LHDT2	Aggregate	5	Diesel	3530.056709	1.930353351	0.078312844	0.081853803	1395.332432	0.016483095	0.219835193	0.354871338	0.403997425	1.142114472	0.013221484
Sacramento	2026	LHDT2	Aggregate	10	Diesel	11739.04747	1.743656394	0.065033428	0.067973951	1216.693438	0.013853031	0.191690547	0.298247602	0.339535066	0.925194224	0.011528789
Sacramento	2026	LHDT2	Aggregate	15	Diesel	25423.41385	1.583335322	0.054183717	0.056633664	1040.002669	0.011735633	0.163852844	0.252661276	0.287638064	0.749961557	0.009854554
Sacramento	2026	LHDT2	Aggregate	20	Diesel	27872.27331	1.44367227	0.04516822	0.0472110527	900.7546101	0.009977255	0.141914256	0.214804429	0.244540561	0.605251941	0.008535108
Sacramento	2026	LHDT2	Aggregate	25	Diesel	29830.76829	1.332376263	0.037651196	0.039353616	782.9909368	0.008491269	0.123360541	0.18281203	0.208119342	0.484854815	0.007419237
Total						8.033393599	0.280349405	0.293025561	5335.774086	0.060540284	0.84065338	1.303396674	1.483830458	3.907377009	0.050559171	
Sacramento	2026	MHDT	Aggregate	5	Diesel	6297.414015	9.335434776	0.069869484	0.073028672	2334.682447	0.015223992	0.36783017	0.327768378	0.373139349	0.548927672	0.022108047
Sacramento	2026	MHDT	Aggregate	10	Diesel	23068.34069	5.010890283	0.039537238	0.041324936	1977.737244	0.00804769	0.311593308	0.173264566	0.197248519	0.367207793	0.018727989
Sacramento	2026	MHDT	Aggregate	15	Diesel	31251.77452	2.687912602	0.020913905	0.021859539	1557.881472	0.003445886	0.24544486	0.074188983	0.08445851	0.219716522	0.014752206
Sacramento	2026	MHDT	Aggregate	20	Diesel	37090.97552	1.765248295	0.011790867	0.012323997	1321.123963	0.001517382	0.208143618	0.032668815	0.037190959	0.147908719	0.012510254
Sacramento	2026	MHDT	Aggregate	25	Diesel	51017.77616	1.528312013	0.009358148	0.009781282	1193.637219	0.00109882	0.18805803	0.023657301	0.026932037	0.119003752	0.011303031
Total						20.32779797	0.151469641	0.158318426	8385.062346	0.029333771	1.321069987	0.631548044	0.718969374	1.402764458	0.079401526	
Running Emissions 5-25 MPH Averaged							NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
						HHDT	9.5000	0.0460	0.0481	2607.9492	0.0100	0.4109	0.2163	0.2463	0.6662	0.0247
						LHDT1	2.1240	0.0695	0.0727	892.4058	0.0148	0.1406	0.3189	0.3630	0.9850	0.0085
						LHDT2	1.6067	0.0561	0.0586	1067.1548	0.0121	0.1681	0.2607	0.2968	0.7815	0.0101
						MHDT	4.0656	0.0303	0.0317	1677.0125	0.0059	0.2642	0.1263	0.1438	0.2806	0.0159

On-site Truck Running and Idling Emissions for the Operational Health Risk Analysis—Preferred Pump Warehouse and Distribution Center Project

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: County

Region: Sacramento

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption, PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
Sacramento	2026	HHDT	Aggregate	5	Diesel	6189.782719	17.49879615	0.103735692	0.10842616	3400.834396	0.026006168	0.535802844	0.559905656	0.637409968	1.369643869	0.032203868
Sacramento	2026	HHDT	Aggregate	10	Diesel	15859.05904	12.7581973	0.063905812	0.06679535	3072.205562	0.014520124	0.484027237	0.312614288	0.355887571	0.906510904	0.02909195
Sacramento	2026	HHDT	Aggregate	15	Diesel	20071.04181	7.879935687	0.031192142	0.032602513	2538.584916	0.005621288	0.399955087	0.121024787	0.137777507	0.493920484	0.024038881
						Total	38.13692914	0.198833647	0.207824022	9011.624874	0.046147579	1.419785169	0.993544731	1.131075046	2.770075257	0.085334699
Sacramento	2026	LHDT1	Aggregate	5	Diesel	8651.456488	2.406387549	0.099715085	0.104223758	1184.87546	0.021028437	0.186677611	0.45272987	0.515402858	1.469206737	0.011227297
Sacramento	2026	LHDT1	Aggregate	10	Diesel	28770.03595	2.240068797	0.081146819	0.084815918	1026.403089	0.017146502	0.161710225	0.3691541	0.4202574	1.166526551	0.009725691
Sacramento	2026	LHDT1	Aggregate	15	Diesel	62307.6559	2.100829777	0.066579387	0.069589811	860.0433459	0.014174853	0.135500179	0.305176234	0.347422853	0.934585803	0.008149348
						Total	6.747286123	0.247441291	0.258629488	3071.321895	0.052349792	0.483888015	1.127060204	1.283083111	3.570319092	0.029102336
Sacramento	2026	LHDT2	Aggregate	5	Diesel	3530.056709	1.930353351	0.078312844	0.081853803	1395.332432	0.016483095	0.219835193	0.354871338	0.403997425	1.142114472	0.013221484
Sacramento	2026	LHDT2	Aggregate	10	Diesel	11739.04747	1.743656394	0.065033428	0.067973951	1216.693438	0.013853031	0.191690547	0.298247602	0.339535066	0.925194224	0.011528789
Sacramento	2026	LHDT2	Aggregate	15	Diesel	25423.41385	1.583335322	0.054183717	0.056633664	1040.002669	0.011735633	0.163852844	0.252661276	0.287638064	0.749961557	0.009854554
						Total	5.257345067	0.197529989	0.206461418	3652.028539	0.042071176	0.575378584	0.905780215	1.031170555	2.817270252	0.034604826
Sacramento	2026	MHDT	Aggregate	5	Diesel	6297.414015	9.335434776	0.069869484	0.073028672	2334.682447	0.015223992	0.36783017	0.327768378	0.373139349	0.548927672	0.022108047
Sacramento	2026	MHDT	Aggregate	10	Diesel	23068.34069	5.010890283	0.039537238	0.041324936	1977.737244	0.00804769	0.311593308	0.173264566	0.197248519	0.367207793	0.018727989
Sacramento	2026	MHDT	Aggregate	15	Diesel	31251.77452	2.687912602	0.020913905	0.021859539	1557.881472	0.003445886	0.245444486	0.074188983	0.08445851	0.219716522	0.014752206
						Total	17.03423766	0.130320626	0.136213147	5870.301164	0.026717569	0.924868339	0.575221927	0.654846378	1.135851987	0.055588242
Running Emissions 5-15 MPH Averaged							NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
						HHDT	12.7123	0.0663	0.0693	3003.8750	0.0154	0.4733	0.3312	0.3770	0.9234	0.0284
						LHDT1	2.2491	0.0825	0.0862	1023.7740	0.0174	0.1613	0.3757	0.4277	1.1901	0.0097
						LHDT2	1.7524	0.0658	0.0688	1217.3428	0.0140	0.1918	0.3019	0.3437	0.9391	0.0115
						MHDT	5.6781	0.0434	0.0454	1956.7671	0.0089	0.3083	0.1917	0.2183	0.3786	0.0185

On-site Truck Running and Idling Emissions for the Operational Health Risk Analysis—Preferred Pump Warehouse and Distribution Center Project

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: County

Region: Sacramento

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
Sacramento	2026	HHDT	Aggregate	10	Diesel	15859.05904	12.7581973	0.063905812	0.06679535	3072.205562	0.014520124	0.484027237	0.312614288	0.355887571	0.906510904	0.02909195
Sacramento	2026	HHDT	Aggregate	15	Diesel	20071.04181	7.879935687	0.031192142	0.032602513	2538.584916	0.005621288	0.399955087	0.121024787	0.137777507	0.493920484	0.024038881
Sacramento	2026	HHDT	Aggregate	20	Diesel	43979.87537	4.177668833	0.011006229	0.011503881	2081.708989	0.001681677	0.327974099	0.036206052	0.041217834	0.272023974	0.019712539
Sacramento	2026	HHDT	Aggregate	25	Diesel	23663.89252	5.18534434	0.020227138	0.02114172	1946.41197	0.002405756	0.306657999	0.051795277	0.05896498	0.288878336	0.018431357
						Total	30.00114616	0.126331322	0.132043464	9638.911438	0.024228846	1.518614422	0.521640405	0.593847893	1.961333699	0.091274727
Sacramento	2026	LHDT1	Aggregate	10	Diesel	28770.03595	2.240068797	0.081146819	0.084815918	1026.403089	0.017146502	0.161710225	0.3691541	0.4202574	1.166526551	0.009725691
Sacramento	2026	LHDT1	Aggregate	15	Diesel	62307.6559	2.100829777	0.066579387	0.069589811	860.0433459	0.014174853	0.135500179	0.305176234	0.347422853	0.934585803	0.008149348
Sacramento	2026	LHDT1	Aggregate	20	Diesel	68309.31614	1.981185017	0.054854986	0.057335285	743.8279558	0.011814265	0.117190397	0.254354179	0.289565323	0.751129242	0.007048148
Sacramento	2026	LHDT1	Aggregate	25	Diesel	73109.19205	1.8916704	0.045320842	0.04737005	646.8791294	0.009896037	0.10191607	0.213055847	0.242549917	0.603776804	0.006129508
						Total	8.213753992	0.247902034	0.259111064	3277.15352	0.053031657	0.516316872	1.141740361	1.299795492	3.456018401	0.031052695
Sacramento	2026	LHDT2	Aggregate	10	Diesel	11739.04747	1.743656394	0.065033428	0.067973951	1216.693438	0.013853031	0.191690547	0.298247602	0.339535066	0.925194224	0.011528789
Sacramento	2026	LHDT2	Aggregate	15	Diesel	25423.41385	1.583335322	0.054183717	0.056633664	1040.002669	0.011735633	0.163852844	0.252661276	0.287638064	0.749961557	0.009854554
Sacramento	2026	LHDT2	Aggregate	20	Diesel	27872.27331	1.44367227	0.04516822	0.047210527	900.7546101	0.009977255	0.141914256	0.214804429	0.244540561	0.605251941	0.008535108
Sacramento	2026	LHDT2	Aggregate	25	Diesel	29830.76829	1.332376263	0.037651196	0.039353616	782.9909368	0.008491269	0.123360541	0.18281203	0.208119342	0.484654815	0.007419237
						Total	6.103040248	0.202036561	0.211171758	3940.441654	0.044057189	0.620818187	0.948525336	1.079833033	2.765262537	0.037337687
Sacramento	2026	MHDT	Aggregate	10	Diesel	23068.34069	5.010890283	0.039537238	0.041324936	1977.737244	0.00804769	0.311593308	0.173264566	0.197248519	0.367207793	0.018727989
Sacramento	2026	MHDT	Aggregate	15	Diesel	31251.77452	2.687912602	0.020913905	0.021859539	1557.881472	0.003445886	0.245444486	0.074188983	0.08445851	0.219716522	0.014752206
Sacramento	2026	MHDT	Aggregate	20	Diesel	37090.97552	1.765248295	0.011790867	0.012323997	1321.123963	0.001517382	0.208143618	0.032668815	0.037190959	0.147908719	0.012510254
Sacramento	2026	MHDT	Aggregate	25	Diesel	51017.77616	1.528312013	0.009358148	0.009781282	1193.637219	0.00109882	0.18805803	0.023657301	0.026932037	0.119003752	0.011303031
						Total	10.99236319	0.081600157	0.085289754	6050.379899	0.014109779	0.953239817	0.303779665	0.345830025	0.853836786	0.05729348
Running Emissions 10-25 MPH Averaged							NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
						HHDT	7.5003	0.0316	0.0330	2409.7279	0.0061	0.3797	0.1304	0.1485	0.4903	0.0228
						LHDT1	2.0534	0.0620	0.0648	819.2884	0.0133	0.1291	0.2854	0.3249	0.8640	0.0078
						LHDT2	1.5258	0.0505	0.0528	985.1104	0.0110	0.1552	0.2371	0.2700	0.6913	0.0093
						MHDT	2.7481	0.0204	0.0213	1512.5950	0.0035	0.2383	0.0759	0.0865	0.2135	0.0143

Idling Minutes/Day Per Truck	15
Max Trucks per Day	7.78
Number Idling Trucks per Day	7.78
Max Trucks per Day—HHDT	3.85
Max Trucks per Day—LHDT1	1.11
Max Trucks per Day—LHDT2	0.26
Max Trucks per Day—MHDT	2.56

Idling Emissions	Calendar Year	Season	Region	Vehicle Category	Fuel	Pollutant	g/vehicle/day	g/day	Max lbs/day
IDLEX	2026	Annual	Sacramento	HHDT	DSL	ROG	3.8939	14.9722	0.033008
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	ROG	0.1098	0.1217	0.000268
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	ROG	0.1098	0.0291	0.000064
IDLEX	2026	Annual	Sacramento	MHDT	DSL	ROG	0.2374	0.6080	0.001340
IDLEX	2026	Annual	Sacramento	HHDT	DSL	NOx	52.1636	200.5726	0.442187
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	NOx	2.0691	2.2934	0.005056
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	NOx	1.9404	0.5136	0.001132
IDLEX	2026	Annual	Sacramento	MHDT	DSL	NOx	15.8971	40.7108	0.089752
IDLEX	2026	Annual	Sacramento	HHDT	DSL	CO	54.6895	210.2848	0.463599
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	CO	0.9097	1.0083	0.002223
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	CO	0.9097	0.2408	0.000531
IDLEX	2026	Annual	Sacramento	MHDT	DSL	CO	7.4700	19.1298	0.042174
IDLEX	2026	Annual	Sacramento	HHDT	DSL	SO2	0.0852	0.3276	0.000722
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	SO2	0.0013	0.0014	0.000003
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	SO2	0.0020	0.0005	0.000001
IDLEX	2026	Annual	Sacramento	MHDT	DSL	SO2	0.0230	0.0590	0.000130
IDLEX	2026	Annual	Sacramento	HHDT	DSL	PM10	0.0474	0.1824	0.000402
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	PM10	0.0278	0.0308	0.000068
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	PM10	0.0277	0.0073	0.000016
IDLEX	2026	Annual	Sacramento	MHDT	DSL	PM10	0.0248	0.0634	0.000140
IDLEX	2026	Annual	Sacramento	HHDT	DSL	PM2.5	0.0454	0.1745	0.000385
IDLEX	2026	Annual	Sacramento	LHDT1	DSL	PM2.5	0.0266	0.0295	0.000065
IDLEX	2026	Annual	Sacramento	LHDT2	DSL	PM2.5	0.0265	0.0070	0.000015
IDLEX	2026	Annual	Sacramento	MHDT	DSL	PM2.5	0.0237	0.0607	0.000134

Preferred Pump Warehouse and Distribution Center Project

Summary of DPM Emissions in Pounds

Diesel Truck Idling Emissions

Segment - On-site Truck Idle		Emissions (g/day)	Emissions (lb/day)	Emissions (lb/year)	Max Emissions in an Hour (lbs/hr)	Source Group
On-site Idling – Location 1	Idle 1	0.00235169	0.00000518	0.00189067	5.17993E-07	IDLE1
On-site Idling – Location 2	Idle 2	0.001567792	0.00000345	0.00126045	3.45329E-07	IDLE2
Subtotal Idle		0.00391948	8.63322E-06	0.003151124		

Diesel Truck On-site Travel Emissions (5-15 mph aggregated)

Segment	Source ID	Source #	Source Group	Emissions (g/day)	Emissions (lb/day)	Emissions (lb/year)	Max Emissions in an Hour (lbs/hr)
On-site Truck Travel	On1	-	On1	0.065999426	0.000145373	0.053061213	1.45373E-05
Subtotal On-site Travel				0.065999426	0.000145373	0.053061213	

Diesel Truck Localized Off-site Travel Emissions (10-25 mph aggregated)

Segment	Source ID	Source #	Source Group	Emissions (g/day)	Emissions (lb/day)	Emissions (lb/year)	Max Emissions in an Hour (lbs/hr)
Off-site Truck Route 1	OFF1	-	Off1	0.034728625	7.64948E-05	0.02792059	1.27491E-05
Off-site Truck Route 2	OFF2	-	Off2	0.032212159	7.09519E-05	0.02589744	1.18253E-05
Subtotal Off-site Travel				0.066940784	0.000147447	0.053818031	

Notes: Divided pounds per day by 10 hours to estimate maximum pounds in an hour.

Health Risk Summary (Summary of HARP2 Results - Operational DPM)

Preferred Pump Project Operations (DPM from Trucks) - Starting in the Third Trimester

		Cancer	MAXHI	MAXHI
	RISK_SUM	Risk/million	NonCancer Chronic	Acute
Maximum Risk	8.826E-08	0.088	1.996E-05	0.00E+00
	X	Y		
MEI UTM	635886.10	4280609.90		
Lat/Long	38°39'49.1"N	121°26'17.3"W		
	38.663651, -121.438138			
Receptor #	548			

*HARP - HRACalc v22118 3/2/2025 4:29:13 AM - Cancer Risk - Input File: F:\HRA\0004-0024\HARP\04 - PP OPS DPM\hra\Op DPMHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 4:31:17 AM - Chronic Risk - Input File: F:\HRA\0004-0024\HARP\04 - PP OPS DPM\hra\Op DPMHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 4:31:17 AM - Acute Risk - Input File: F:\HRA\0004-0024\HARP\04 - PP OPS DPM\hra\Op DPMHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	636083.85	4280479.37	1.9641E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4423E-06	0.00E+00
2	ALL	636073.64	4280454.68	2.3547E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3259E-06	0.00E+00
3	ALL	636101.75	4280447.53	1.6756E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7898E-06	0.00E+00
4	ALL	636139.65	4280461.09	1.1312E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5586E-06	0.00E+00
5	ALL	636141.74	4280448.13	1.1276E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5503E-06	0.00E+00
6	ALL	636161.45	4280467.59	9.3973E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1255E-06	0.00E+00
7	ALL	636161.74	4280448.43	9.5595E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1622E-06	0.00E+00
8	ALL	636175.26	4280467.63	8.4757E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9170E-06	0.00E+00
9	ALL	636181.74	4280448.73	8.2336E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8623E-06	0.00E+00
10	ALL	636200.59	4280525.66	6.8099E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5402E-06	0.00E+00
11	ALL	636118.66	4280722.88	8.1221E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8371E-06	0.00E+00
12	ALL	636138.95	4280728.58	7.0632E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5975E-06	0.00E+00
13	ALL	636107.44	4280741.56	8.3615E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8912E-06	0.00E+00
14	ALL	636075.93	4280754.54	9.9783E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2569E-06	0.00E+00
15	ALL	636207.70	4280705.93	5.0433E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1407E-06	0.00E+00
16	ALL	636147.75	4280744.97	6.4839E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4665E-06	0.00E+00
17	ALL	636130.24	4280752.18	7.0783E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6010E-06	0.00E+00
18	ALL	636112.74	4280759.40	7.7481E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7525E-06	0.00E+00
19	ALL	636095.23	4280766.61	8.5012E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9228E-06	0.00E+00
20	ALL	636077.73	4280773.82	9.3409E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1127E-06	0.00E+00
21	ALL	636302.28	4280602.19	3.7602E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5047E-07	0.00E+00
22	ALL	636294.85	4280619.61	3.8122E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6224E-07	0.00E+00
23	ALL	636287.42	4280637.02	3.8565E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7226E-07	0.00E+00
24	ALL	636279.99	4280654.44	3.8950E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8098E-07	0.00E+00
25	ALL	636272.56	4280671.85	3.9289E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8863E-07	0.00E+00
26	ALL	636257.69	4280706.68	3.9861E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0158E-07	0.00E+00
27	ALL	636250.26	4280724.09	4.0140E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0787E-07	0.00E+00
28	ALL	636242.83	4280741.50	4.0416E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1412E-07	0.00E+00
29	ALL	636217.89	4280766.13	4.3548E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8496E-07	0.00E+00
30	ALL	636200.39	4280773.34	4.6723E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0568E-06	0.00E+00
31	ALL	636182.88	4280780.55	5.0254E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1366E-06	0.00E+00
32	ALL	636165.38	4280787.76	5.4181E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2255E-06	0.00E+00
33	ALL	636147.87	4280794.97	5.8581E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3250E-06	0.00E+00
34	ALL	636130.36	4280802.18	6.3468E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4355E-06	0.00E+00
35	ALL	636112.86	4280809.40	6.8873E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5578E-06	0.00E+00
36	ALL	636095.35	4280807.67	7.6544E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7313E-06	0.00E+00
37	ALL	636309.71	4280584.78	3.7023E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3738E-07	0.00E+00
38	ALL	636310.00	4280565.62	3.7552E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4934E-07	0.00E+00
39	ALL	636310.29	4280546.47	3.7989E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5923E-07	0.00E+00
40	ALL	636310.57	4280527.31	3.8358E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6757E-07	0.00E+00
41	ALL	636310.86	4280508.15	3.8672E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7469E-07	0.00E+00
42	ALL	636311.15	4280488.99	3.8969E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8140E-07	0.00E+00
43	ALL	636311.44	4280469.84	3.9275E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8832E-07	0.00E+00
44	ALL	636311.72	4280450.68	3.9619E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9609E-07	0.00E+00
45	ALL	636312.01	4280431.52	4.0013E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0501E-07	0.00E+00
46	ALL	636352.27	4280602.95	3.0683E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9399E-07	0.00E+00
47	ALL	636344.84	4280620.36	3.1087E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0313E-07	0.00E+00
48	ALL	636337.41	4280637.77	3.1438E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1107E-07	0.00E+00
49	ALL	636329.98	4280655.19	3.1741E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1791E-07	0.00E+00
50	ALL	636322.55	4280672.60	3.2013E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2407E-07	0.00E+00
51	ALL	636315.12	4280690.01	3.2249E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2940E-07	0.00E+00
52	ALL	636307.69	4280707.43	3.2455E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3407E-07	0.00E+00
53	ALL	636300.26	4280724.84	3.2659E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3869E-07	0.00E+00
54	ALL	636292.82	4280742.25	3.2867E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4338E-07	0.00E+00
55	ALL	636285.39	4280759.67	3.3070E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4798E-07	0.00E+00
56	ALL	636277.96	4280777.08	3.3271E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5251E-07	0.00E+00

57	ALL	636253.03	4280801.71	3.5508E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.0311E-07	0.00E+00
58	ALL	636235.52	4280808.92	3.7776E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5441E-07	0.00E+00
59	ALL	636218.01	4280816.13	4.0264E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1068E-07	0.00E+00
60	ALL	636200.51	4280823.34	4.2987E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7228E-07	0.00E+00
61	ALL	636183.00	4280830.55	4.5993E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0403E-06	0.00E+00
62	ALL	636165.50	4280837.76	4.9323E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1156E-06	0.00E+00
63	ALL	636147.99	4280844.97	5.3004E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1988E-06	0.00E+00
64	ALL	636130.48	4280852.18	5.7013E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2895E-06	0.00E+00
65	ALL	636112.98	4280859.40	6.1379E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3883E-06	0.00E+00
66	ALL	636095.47	4280866.61	6.6133E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4958E-06	0.00E+00
67	ALL	636077.97	4280873.82	7.1284E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6123E-06	0.00E+00
68	ALL	636359.71	4280585.53	3.0225E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8362E-07	0.00E+00
69	ALL	636359.99	4280566.37	3.0577E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9158E-07	0.00E+00
70	ALL	636360.28	4280547.22	3.0867E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9814E-07	0.00E+00
71	ALL	636360.57	4280528.06	3.1126E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0400E-07	0.00E+00
72	ALL	636360.86	4280508.90	3.1355E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0917E-07	0.00E+00
73	ALL	636361.14	4280489.74	3.1562E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1387E-07	0.00E+00
74	ALL	636361.43	4280470.59	3.1782E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1885E-07	0.00E+00
75	ALL	636361.72	4280451.43	3.2039E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2466E-07	0.00E+00
76	ALL	636362.01	4280432.27	3.2317E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3094E-07	0.00E+00
77	ALL	636402.27	4280603.70	2.5568E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7829E-07	0.00E+00
78	ALL	636394.84	4280621.11	2.5900E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8580E-07	0.00E+00
79	ALL	636387.41	4280638.52	2.6195E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9248E-07	0.00E+00
80	ALL	636379.98	4280655.94	2.6452E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9828E-07	0.00E+00
81	ALL	636372.54	4280673.35	2.6674E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0330E-07	0.00E+00
82	ALL	636365.11	4280690.76	2.6866E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0766E-07	0.00E+00
83	ALL	636357.68	4280708.18	2.7039E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1156E-07	0.00E+00
84	ALL	636350.25	4280725.59	2.7198E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1517E-07	0.00E+00
85	ALL	636342.82	4280743.00	2.7352E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1864E-07	0.00E+00
86	ALL	636335.39	4280760.42	2.7495E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2189E-07	0.00E+00
87	ALL	636327.96	4280777.83	2.7640E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2515E-07	0.00E+00
88	ALL	636320.53	4280795.24	2.7793E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2862E-07	0.00E+00
89	ALL	636313.09	4280812.66	2.7942E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3199E-07	0.00E+00
90	ALL	636288.16	4280837.28	2.9631E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7019E-07	0.00E+00
91	ALL	636270.65	4280844.49	3.1302E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0798E-07	0.00E+00
92	ALL	636253.15	4280851.71	3.3123E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4916E-07	0.00E+00
93	ALL	636235.64	4280858.92	3.5099E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9387E-07	0.00E+00
94	ALL	636218.13	4280866.13	3.7262E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4279E-07	0.00E+00
95	ALL	636200.63	4280873.34	3.9626E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9625E-07	0.00E+00
96	ALL	636183.12	4280880.55	4.2202E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5452E-07	0.00E+00
97	ALL	636165.62	4280887.76	4.5014E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0181E-06	0.00E+00
98	ALL	636148.11	4280894.97	4.8082E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0875E-06	0.00E+00
99	ALL	636130.60	4280902.18	5.1380E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1621E-06	0.00E+00
100	ALL	636113.10	4280909.40	5.4927E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2423E-06	0.00E+00
101	ALL	636095.59	4280916.61	5.8742E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3286E-06	0.00E+00
102	ALL	636078.09	4280923.82	6.2833E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4212E-06	0.00E+00
103	ALL	636409.70	4280586.28	2.5196E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6988E-07	0.00E+00
104	ALL	636409.99	4280567.12	2.5436E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7531E-07	0.00E+00
105	ALL	636410.28	4280547.97	2.5647E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8009E-07	0.00E+00
106	ALL	636410.56	4280528.81	2.5840E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8445E-07	0.00E+00
107	ALL	636410.85	4280509.65	2.6007E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8823E-07	0.00E+00
108	ALL	636411.14	4280490.49	2.6162E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9172E-07	0.00E+00
109	ALL	636411.43	4280471.34	2.6327E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9546E-07	0.00E+00
110	ALL	636411.71	4280452.18	2.6522E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9986E-07	0.00E+00
111	ALL	636412.00	4280433.02	2.6737E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0474E-07	0.00E+00
112	ALL	636452.26	4280604.45	2.1685E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9047E-07	0.00E+00
113	ALL	636444.83	4280621.86	2.1961E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9672E-07	0.00E+00
114	ALL	636437.40	4280639.27	2.2210E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0235E-07	0.00E+00
115	ALL	636429.97	4280656.69	2.2430E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0731E-07	0.00E+00
116	ALL	636422.54	4280674.10	2.2621E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1165E-07	0.00E+00
117	ALL	636415.11	4280691.51	2.2788E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1542E-07	0.00E+00
118	ALL	636407.68	4280708.93	2.2935E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1873E-07	0.00E+00
119	ALL	636400.24	4280726.34	2.3065E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2169E-07	0.00E+00
120	ALL	636392.81	4280743.75	2.3183E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2435E-07	0.00E+00
121	ALL	636385.38	4280761.17	2.3298E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2695E-07	0.00E+00
122	ALL	636377.95	4280778.58	2.3414E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2957E-07	0.00E+00
123	ALL	636370.52	4280796.00	2.3530E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3220E-07	0.00E+00
124	ALL	636363.09	4280813.41	2.3644E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3478E-07	0.00E+00
125	ALL	636355.66	4280830.82	2.3756E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3731E-07	0.00E+00
126	ALL	636348.23	4280848.24	2.3873E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3995E-07	0.00E+00
127	ALL	636323.29	4280872.86	2.5174E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6939E-07	0.00E+00
128	ALL	636305.78	4280880.07	2.6451E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9827E-07	0.00E+00
129	ALL	636288.28	4280887.28	2.7830E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2945E-07	0.00E+00
130	ALL	636270.77	4280894.49	2.9326E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6329E-07	0.00E+00
131	ALL	636253.27	4280901.71	3.0933E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9964E-07	0.00E+00

132	ALL	636235.76	4280908.92	3.2666E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3883E-07	0.00E+00
133	ALL	636218.25	4280916.13	3.4553E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8151E-07	0.00E+00
134	ALL	636200.75	4280923.34	3.6591E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2761E-07	0.00E+00
135	ALL	636183.24	4280930.55	3.8790E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7734E-07	0.00E+00
136	ALL	636165.74	4280937.76	4.1163E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3102E-07	0.00E+00
137	ALL	636148.23	4280944.97	4.3723E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8893E-07	0.00E+00
138	ALL	636130.72	4280952.18	4.6444E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0505E-06	0.00E+00
139	ALL	636113.22	4280959.40	4.9335E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1159E-06	0.00E+00
140	ALL	636095.71	4280966.61	5.2412E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1854E-06	0.00E+00
141	ALL	636078.21	4280973.82	5.5675E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2593E-06	0.00E+00
142	ALL	636459.69	4280587.03	2.1384E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8366E-07	0.00E+00
143	ALL	636459.98	4280567.87	2.1555E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8753E-07	0.00E+00
144	ALL	636460.27	4280548.72	2.1707E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9096E-07	0.00E+00
145	ALL	636460.56	4280529.56	2.1843E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9404E-07	0.00E+00
146	ALL	636460.84	4280510.40	2.1971E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9693E-07	0.00E+00
147	ALL	636461.13	4280491.24	2.2099E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9983E-07	0.00E+00
148	ALL	636461.42	4280472.09	2.2233E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0287E-07	0.00E+00
149	ALL	636461.71	4280452.93	2.2378E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0613E-07	0.00E+00
150	ALL	636461.99	4280433.77	2.2543E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0987E-07	0.00E+00
151	ALL	636018.02	4280400.44	5.5987E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2663E-05	0.00E+00
152	ALL	635979.66	4280400.34	8.7523E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9796E-05	0.00E+00
153	ALL	635960.48	4280400.30	8.1737E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8487E-05	0.00E+00
154	ALL	635941.30	4280400.25	7.4188E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6780E-05	0.00E+00
155	ALL	635922.12	4280400.21	6.7043E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5164E-05	0.00E+00
156	ALL	635886.61	4280399.68	5.5711E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2601E-05	0.00E+00
157	ALL	636023.77	4280387.68	4.6622E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0545E-05	0.00E+00
158	ALL	636004.59	4280387.63	5.8436E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3217E-05	0.00E+00
159	ALL	635985.41	4280387.59	6.5520E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4819E-05	0.00E+00
160	ALL	635966.23	4280387.54	6.3111E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4274E-05	0.00E+00
161	ALL	635947.05	4280387.49	5.8871E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3315E-05	0.00E+00
162	ALL	635927.87	4280387.45	5.4257E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2272E-05	0.00E+00
163	ALL	635908.69	4280387.40	4.9585E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1215E-05	0.00E+00
164	ALL	635889.51	4280387.36	4.5437E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0277E-05	0.00E+00
165	ALL	636023.82	4280367.68	3.9143E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8533E-06	0.00E+00
166	ALL	636004.64	4280367.63	4.4604E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0088E-05	0.00E+00
167	ALL	635985.46	4280367.59	4.6193E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0448E-05	0.00E+00
168	ALL	635966.28	4280367.54	4.4524E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0070E-05	0.00E+00
169	ALL	635947.10	4280367.49	4.2225E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5504E-06	0.00E+00
170	ALL	635927.92	4280367.45	3.9595E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9555E-06	0.00E+00
171	ALL	635908.74	4280367.40	3.6810E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3256E-06	0.00E+00
172	ALL	635889.55	4280367.36	3.4144E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7227E-06	0.00E+00
173	ALL	636023.87	4280347.68	3.2389E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3257E-06	0.00E+00
174	ALL	636004.69	4280347.63	3.4722E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8534E-06	0.00E+00
175	ALL	635985.51	4280347.59	3.4858E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8842E-06	0.00E+00
176	ALL	635966.33	4280347.54	3.3712E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6249E-06	0.00E+00
177	ALL	635947.15	4280347.49	3.2217E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2868E-06	0.00E+00
178	ALL	635927.96	4280347.45	3.0510E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9008E-06	0.00E+00
179	ALL	635908.78	4280347.40	2.8722E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4962E-06	0.00E+00
180	ALL	635889.60	4280347.36	2.6963E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0984E-06	0.00E+00
181	ALL	636105.29	4280348.93	1.6594E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7533E-06	0.00E+00
182	ALL	636023.92	4280327.68	2.6867E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0768E-06	0.00E+00
183	ALL	636004.74	4280327.63	2.7790E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2854E-06	0.00E+00
184	ALL	635985.56	4280327.59	2.7529E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2264E-06	0.00E+00
185	ALL	635966.37	4280327.54	2.6672E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0327E-06	0.00E+00
186	ALL	635947.19	4280327.49	2.5613E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7931E-06	0.00E+00
187	ALL	635928.01	4280327.45	2.4427E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5249E-06	0.00E+00
188	ALL	635908.83	4280327.40	2.3186E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2443E-06	0.00E+00
189	ALL	635889.65	4280327.36	2.1996E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9751E-06	0.00E+00
190	ALL	636023.97	4280307.68	2.2511E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0914E-06	0.00E+00
191	ALL	636004.78	4280307.63	2.2803E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1575E-06	0.00E+00
192	ALL	635985.60	4280307.59	2.2436E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0747E-06	0.00E+00
193	ALL	635966.42	4280307.54	2.1756E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9207E-06	0.00E+00
194	ALL	635947.24	4280307.49	2.0961E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7409E-06	0.00E+00
195	ALL	635928.06	4280307.45	2.0099E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5459E-06	0.00E+00
196	ALL	635908.88	4280307.40	1.9204E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3435E-06	0.00E+00
197	ALL	635889.70	4280307.36	1.8368E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1545E-06	0.00E+00
198	ALL	636024.01	4280287.68	1.9080E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3154E-06	0.00E+00
199	ALL	636004.83	4280287.63	1.9095E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3188E-06	0.00E+00
200	ALL	635985.65	4280287.59	1.8722E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2345E-06	0.00E+00
201	ALL	635966.47	4280287.54	1.8169E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1094E-06	0.00E+00
202	ALL	635947.29	4280287.49	1.7552E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9698E-06	0.00E+00
203	ALL	635928.11	4280287.45	1.6902E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8228E-06	0.00E+00
204	ALL	635908.93	4280287.40	1.6242E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6736E-06	0.00E+00

205	ALL	635889.75	4280287.36	1.5625E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5340E-06	0.00E+00
206	ALL	636024.06	4280267.68	1.6378E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7044E-06	0.00E+00
207	ALL	636004.88	4280267.63	1.6260E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6776E-06	0.00E+00
208	ALL	635985.70	4280267.59	1.5913E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5991E-06	0.00E+00
209	ALL	635966.52	4280267.54	1.5462E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4972E-06	0.00E+00
210	ALL	635947.34	4280267.49	1.4969E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3857E-06	0.00E+00
211	ALL	635928.16	4280267.45	1.4466E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2719E-06	0.00E+00
212	ALL	635908.98	4280267.40	1.3972E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1602E-06	0.00E+00
213	ALL	635889.79	4280267.36	1.3504E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0544E-06	0.00E+00
214	ALL	636024.11	4280247.68	1.4208E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2135E-06	0.00E+00
215	ALL	636004.93	4280247.63	1.4036E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1746E-06	0.00E+00
216	ALL	635985.75	4280247.59	1.3723E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1039E-06	0.00E+00
217	ALL	635966.57	4280247.54	1.3351E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0196E-06	0.00E+00
218	ALL	635947.39	4280247.49	1.2953E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9296E-06	0.00E+00
219	ALL	635928.20	4280247.45	1.2557E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8401E-06	0.00E+00
220	ALL	635909.02	4280247.40	1.2179E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7547E-06	0.00E+00
221	ALL	635889.84	4280247.36	1.1813E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6719E-06	0.00E+00
222	ALL	636024.16	4280227.68	1.2450E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8159E-06	0.00E+00
223	ALL	636004.98	4280227.63	1.2261E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7733E-06	0.00E+00
224	ALL	635985.80	4280227.59	1.1985E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7106E-06	0.00E+00
225	ALL	635966.61	4280227.54	1.1673E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6401E-06	0.00E+00
226	ALL	635947.43	4280227.49	1.1347E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5665E-06	0.00E+00
227	ALL	635928.25	4280227.45	1.1032E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4951E-06	0.00E+00
228	ALL	635909.07	4280227.40	1.0735E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4280E-06	0.00E+00
229	ALL	635889.89	4280227.36	1.0442E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3617E-06	0.00E+00
230	ALL	636078.79	4280184.57	9.6336E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1789E-06	0.00E+00
231	ALL	636111.11	4280198.16	9.6902E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1917E-06	0.00E+00
232	ALL	636143.42	4280211.76	9.1912E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0789E-06	0.00E+00
233	ALL	636175.73	4280225.35	8.3193E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8816E-06	0.00E+00
234	ALL	636208.04	4280238.94	7.3089E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6531E-06	0.00E+00
235	ALL	636246.86	4280268.81	6.1256E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3855E-06	0.00E+00
236	ALL	636259.89	4280301.35	5.6993E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2891E-06	0.00E+00
237	ALL	636272.92	4280333.89	5.2208E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1808E-06	0.00E+00
238	ALL	636285.95	4280366.44	4.7580E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0762E-06	0.00E+00
239	ALL	636298.98	4280398.98	4.3492E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8369E-07	0.00E+00
240	ALL	636043.46	4280177.72	9.4035E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1269E-06	0.00E+00
241	ALL	636024.28	4280177.68	9.2909E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1014E-06	0.00E+00
242	ALL	636005.10	4280177.63	9.1180E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0623E-06	0.00E+00
243	ALL	635985.92	4280177.59	8.9136E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0161E-06	0.00E+00
244	ALL	635966.73	4280177.54	8.6958E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9668E-06	0.00E+00
245	ALL	635947.55	4280177.49	8.4974E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9219E-06	0.00E+00
246	ALL	635928.37	4280177.45	8.3096E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8795E-06	0.00E+00
247	ALL	635909.19	4280177.40	8.1275E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8383E-06	0.00E+00
248	ALL	635890.01	4280177.36	7.9484E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7978E-06	0.00E+00
249	ALL	635870.83	4280177.31	7.7683E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7570E-06	0.00E+00
250	ALL	636079.16	4280134.67	7.6307E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7259E-06	0.00E+00
251	ALL	636111.97	4280148.48	7.9207E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7915E-06	0.00E+00
252	ALL	636144.78	4280162.28	7.8268E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7703E-06	0.00E+00
253	ALL	636177.59	4280176.08	7.3907E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6716E-06	0.00E+00
254	ALL	636210.39	4280189.89	6.7212E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5202E-06	0.00E+00
255	ALL	636243.20	4280203.69	5.9870E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3541E-06	0.00E+00
256	ALL	636282.63	4280234.01	5.1017E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1539E-06	0.00E+00
257	ALL	636295.86	4280267.06	4.8183E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0898E-06	0.00E+00
258	ALL	636309.09	4280300.10	4.4636E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0096E-06	0.00E+00
259	ALL	636322.32	4280333.14	4.1006E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2748E-07	0.00E+00
260	ALL	636335.55	4280366.19	3.7684E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5234E-07	0.00E+00
261	ALL	636348.78	4280399.23	3.4786E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8678E-07	0.00E+00
262	ALL	636043.58	4280127.72	7.3083E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6530E-06	0.00E+00
263	ALL	636024.40	4280127.68	7.1929E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6269E-06	0.00E+00
264	ALL	636005.22	4280127.63	7.0547E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5956E-06	0.00E+00
265	ALL	635986.04	4280127.59	6.9092E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5627E-06	0.00E+00
266	ALL	635966.85	4280127.54	6.7649E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5301E-06	0.00E+00
267	ALL	635947.67	4280127.49	6.6309E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4998E-06	0.00E+00
268	ALL	635928.49	4280127.45	6.5052E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4713E-06	0.00E+00
269	ALL	635909.31	4280127.40	6.3860E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4444E-06	0.00E+00
270	ALL	635890.13	4280127.36	6.2657E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4172E-06	0.00E+00
271	ALL	635870.95	4280127.31	6.1427E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3894E-06	0.00E+00
272	ALL	636079.47	4280084.75	6.1970E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4016E-06	0.00E+00
273	ALL	636096.05	4280091.73	6.3863E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4444E-06	0.00E+00
274	ALL	636129.22	4280105.68	6.6145E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4961E-06	0.00E+00
275	ALL	636162.40	4280119.64	6.5832E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4890E-06	0.00E+00
276	ALL	636178.98	4280126.62	6.4708E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4636E-06	0.00E+00
277	ALL	636212.15	4280140.58	6.0901E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3774E-06	0.00E+00

278	ALL	636228.74	4280147.55	5.8454E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3221E-06	0.00E+00
279	ALL	636261.91	4280161.51	5.3017E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1991E-06	0.00E+00
280	ALL	636295.09	4280175.47	4.7336E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0706E-06	0.00E+00
281	ALL	636318.36	4280199.15	4.3628E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8677E-07	0.00E+00
282	ALL	636325.05	4280215.86	4.2519E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6169E-07	0.00E+00
283	ALL	636338.43	4280249.27	4.0047E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0579E-07	0.00E+00
284	ALL	636351.80	4280282.68	3.7283E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4326E-07	0.00E+00
285	ALL	636358.49	4280299.38	3.5875E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1141E-07	0.00E+00
286	ALL	636371.87	4280332.79	3.3170E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5023E-07	0.00E+00
287	ALL	636385.25	4280366.20	3.0728E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9500E-07	0.00E+00
288	ALL	636391.93	4280382.91	2.9621E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6997E-07	0.00E+00
289	ALL	636043.70	4280077.73	5.8947E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3333E-06	0.00E+00
290	ALL	636024.52	4280077.68	5.7941E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3105E-06	0.00E+00
291	ALL	636005.34	4280077.63	5.6856E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2860E-06	0.00E+00
292	ALL	635986.16	4280077.59	5.5753E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2610E-06	0.00E+00
293	ALL	635966.97	4280077.54	5.4659E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2363E-06	0.00E+00
294	ALL	635947.79	4280077.50	5.3614E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2126E-06	0.00E+00
295	ALL	635928.61	4280077.45	5.2609E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1899E-06	0.00E+00
296	ALL	635906.43	4280077.40	5.1629E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1677E-06	0.00E+00
297	ALL	635890.25	4280077.36	5.0706E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1469E-06	0.00E+00
298	ALL	635871.07	4280077.31	4.9781E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1259E-06	0.00E+00
299	ALL	636079.72	4280034.81	5.1065E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1550E-06	0.00E+00
300	ALL	636096.45	4280041.85	5.2791E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1940E-06	0.00E+00
301	ALL	636113.18	4280048.88	5.4279E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2277E-06	0.00E+00
302	ALL	636129.90	4280055.92	5.5438E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2539E-06	0.00E+00
303	ALL	636146.63	4280062.96	5.6178E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2706E-06	0.00E+00
304	ALL	636163.35	4280069.99	5.6439E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2765E-06	0.00E+00
305	ALL	636180.08	4280077.03	5.6213E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2714E-06	0.00E+00
306	ALL	636196.80	4280084.07	5.5521E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2558E-06	0.00E+00
307	ALL	636213.53	4280091.10	5.4404E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2305E-06	0.00E+00
308	ALL	636230.25	4280098.14	5.2937E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1973E-06	0.00E+00
309	ALL	636246.98	4280105.18	5.1194E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1579E-06	0.00E+00
310	ALL	636263.71	4280112.21	4.9248E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1139E-06	0.00E+00
311	ALL	636280.43	4280119.25	4.7168E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0668E-06	0.00E+00
312	ALL	636297.16	4280126.29	4.5004E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0179E-06	0.00E+00
313	ALL	636313.88	4280133.33	4.2803E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6811E-07	0.00E+00
314	ALL	636330.61	4280140.36	4.0601E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1832E-07	0.00E+00
315	ALL	636354.08	4280164.24	3.7768E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5423E-07	0.00E+00
316	ALL	636360.82	4280181.09	3.6963E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3602E-07	0.00E+00
317	ALL	636367.57	4280197.94	3.6044E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1523E-07	0.00E+00
318	ALL	636374.31	4280214.78	3.5030E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9230E-07	0.00E+00
319	ALL	636387.80	4280248.47	3.2829E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4253E-07	0.00E+00
320	ALL	636394.55	4280265.32	3.1697E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1691E-07	0.00E+00
321	ALL	636408.04	4280299.01	2.9494E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6708E-07	0.00E+00
322	ALL	636414.78	4280315.85	2.8442E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4329E-07	0.00E+00
323	ALL	636428.27	4280349.54	2.6472E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9874E-07	0.00E+00
324	ALL	636435.02	4280366.39	2.5575E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7844E-07	0.00E+00
325	ALL	636448.51	4280400.08	2.3962E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4197E-07	0.00E+00
326	ALL	636455.25	4280416.93	2.3230E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2542E-07	0.00E+00
327	ALL	636063.00	4280027.77	4.9208E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1130E-06	0.00E+00
328	ALL	636043.82	4280027.73	4.8448E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0958E-06	0.00E+00
329	ALL	636024.64	4280027.68	4.7613E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0769E-06	0.00E+00
330	ALL	636005.46	4280027.63	4.6749E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0574E-06	0.00E+00
331	ALL	635986.28	4280027.59	4.5906E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0383E-06	0.00E+00
332	ALL	635967.09	4280027.54	4.5102E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0201E-06	0.00E+00
333	ALL	635947.91	4280027.50	4.4340E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0029E-06	0.00E+00
334	ALL	635928.73	4280027.45	4.3591E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8594E-07	0.00E+00
335	ALL	635909.55	4280027.40	4.2816E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6840E-07	0.00E+00
336	ALL	635890.37	4280027.36	4.2059E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5129E-07	0.00E+00
337	ALL	635871.19	4280027.31	4.1295E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3401E-07	0.00E+00
338	ALL	635836.49	4280400.68	4.7320E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0703E-05	0.00E+00
339	ALL	635827.14	4280470.21	5.1111E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1560E-05	0.00E+00
340	ALL	635829.98	4280480.92	5.1885E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1735E-05	0.00E+00
341	ALL	635839.41	4280499.09	6.1765E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3970E-05	0.00E+00
342	ALL	635816.50	4280400.44	4.4485E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0062E-05	0.00E+00
343	ALL	635840.37	4280382.17	3.5131E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9459E-06	0.00E+00
344	ALL	635797.11	4280396.86	3.9644E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9667E-06	0.00E+00
345	ALL	635797.48	4280385.56	3.2835E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4265E-06	0.00E+00
346	ALL	635841.52	4280367.92	2.9235E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6122E-06	0.00E+00
347	ALL	635773.73	4280405.27	4.5132E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0208E-05	0.00E+00
348	ALL	635775.72	4280387.16	3.2104E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2612E-06	0.00E+00
349	ALL	635792.28	4280362.06	2.3974E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4225E-06	0.00E+00
350	ALL	635817.64	4280348.90	2.2240E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0302E-06	0.00E+00
351	ALL	635839.50	4280350.51	2.3963E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4199E-06	0.00E+00
352	ALL	635852.86	4280334.51	2.1277E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8125E-06	0.00E+00

353	ALL	635776.21	4280445.39	4.9687E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1238E-05	0.00E+00
354	ALL	635772.82	4280469.22	3.8269E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6556E-06	0.00E+00
355	ALL	635758.17	4280491.69	3.1051E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0230E-06	0.00E+00
356	ALL	635753.74	4280397.23	3.6750E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3120E-06	0.00E+00
357	ALL	635771.69	4280375.46	2.6923E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0895E-06	0.00E+00
358	ALL	635778.84	4280358.66	2.2421E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0711E-06	0.00E+00
359	ALL	635802.89	4280334.94	1.8869E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2678E-06	0.00E+00
360	ALL	635819.80	4280328.03	1.8508E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1860E-06	0.00E+00
361	ALL	635836.71	4280321.13	1.8178E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1116E-06	0.00E+00
362	ALL	635839.94	4280310.27	1.6782E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7958E-06	0.00E+00
363	ALL	635755.69	4280448.51	4.5640E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0323E-05	0.00E+00
364	ALL	635749.78	4280464.42	3.7414E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4623E-06	0.00E+00
365	ALL	635749.55	4280483.70	3.1709E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1720E-06	0.00E+00
366	ALL	635733.24	4280405.96	4.3179E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7662E-06	0.00E+00
367	ALL	635751.09	4280376.62	2.6269E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9415E-06	0.00E+00
368	ALL	635765.00	4280343.95	1.8819E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2564E-06	0.00E+00
369	ALL	635788.38	4280320.89	1.6261E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6780E-06	0.00E+00
370	ALL	635840.70	4280291.97	1.4657E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3151E-06	0.00E+00
371	ALL	635730.01	4280444.91	4.6350E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0483E-05	0.00E+00
372	ALL	635729.78	4280464.18	3.6006E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1438E-06	0.00E+00
373	ALL	635729.55	4280483.46	3.0026E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7913E-06	0.00E+00
374	ALL	635712.14	4280390.80	3.0688E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9409E-06	0.00E+00
375	ALL	635730.67	4280377.39	2.5619E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7944E-06	0.00E+00
376	ALL	635744.29	4280345.38	1.8302E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1395E-06	0.00E+00
377	ALL	635774.01	4280306.79	1.4197E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2111E-06	0.00E+00
378	ALL	635828.08	4280291.80	1.4268E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2271E-06	0.00E+00
379	ALL	635841.45	4280272.88	1.2868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9104E-06	0.00E+00
380	ALL	635710.01	4280444.67	4.5440E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0278E-05	0.00E+00
381	ALL	635709.78	4280463.95	3.4872E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8874E-06	0.00E+00
382	ALL	635721.44	4280475.72	3.1522E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1296E-06	0.00E+00
383	ALL	635656.66	4280398.30	3.3431E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5614E-06	0.00E+00
384	ALL	635710.35	4280377.90	2.4989E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6521E-06	0.00E+00
385	ALL	635723.76	4280346.39	1.7785E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0226E-06	0.00E+00
386	ALL	635737.16	4280314.88	1.4007E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1681E-06	0.00E+00
387	ALL	635759.72	4280292.65	1.2521E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8319E-06	0.00E+00
388	ALL	635791.41	4280279.69	1.2238E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7679E-06	0.00E+00
389	ALL	635823.11	4280273.73	1.2509E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8293E-06	0.00E+00
390	ALL	635690.01	4280444.43	4.4686E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0107E-05	0.00E+00
391	ALL	635689.78	4280463.71	3.3954E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6796E-06	0.00E+00
392	ALL	635689.55	4280482.98	2.7695E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2639E-06	0.00E+00
393	ALL	635689.09	4280521.52	2.1072E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7660E-06	0.00E+00
394	ALL	635688.86	4280540.80	1.9201E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3428E-06	0.00E+00
395	ALL	635688.63	4280560.07	1.7827E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0321E-06	0.00E+00
396	ALL	635688.40	4280579.34	1.6817E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8036E-06	0.00E+00
397	ALL	635675.88	4280398.89	3.4482E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7991E-06	0.00E+00
398	ALL	635685.14	4280389.91	2.9229E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6110E-06	0.00E+00
399	ALL	635694.14	4280378.61	2.4659E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5774E-06	0.00E+00
400	ALL	635700.03	4280354.90	1.8593E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2055E-06	0.00E+00
401	ALL	635707.48	4280337.40	1.5903E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5968E-06	0.00E+00
402	ALL	635714.93	4280319.89	1.3948E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1547E-06	0.00E+00
403	ALL	635722.38	4280302.38	1.2445E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8147E-06	0.00E+00
404	ALL	635747.44	4280277.68	1.1109E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5126E-06	0.00E+00
405	ALL	635765.05	4280270.49	1.0991E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4860E-06	0.00E+00
406	ALL	635782.66	4280263.29	1.0879E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4605E-06	0.00E+00
407	ALL	635800.27	4280256.09	1.0760E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4038E-06	0.00E+00
408	ALL	635817.88	4280248.90	1.0630E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4043E-06	0.00E+00
409	ALL	635835.49	4280241.70	1.0485E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3715E-06	0.00E+00
410	ALL	635853.10	4280234.51	1.0325E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3353E-06	0.00E+00
411	ALL	635670.01	4280444.20	4.4088E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.9718E-06	0.00E+00
412	ALL	635669.78	4280463.47	3.3206E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5106E-06	0.00E+00
413	ALL	635669.55	4280482.74	2.6850E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0730E-06	0.00E+00
414	ALL	635669.32	4280502.01	2.2804E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1577E-06	0.00E+00
415	ALL	635669.09	4280521.29	2.0097E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5456E-06	0.00E+00
416	ALL	635668.86	4280540.56	1.8177E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1114E-06	0.00E+00
417	ALL	635668.63	4280559.83	1.6755E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7897E-06	0.00E+00
418	ALL	635666.89	4280597.02	1.4868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3629E-06	0.00E+00
419	ALL	635622.01	4280398.81	3.2679E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3912E-06	0.00E+00
420	ALL	635643.92	4280397.32	3.2335E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3134E-06	0.00E+00
421	ALL	635642.59	4280371.81	2.0978E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7448E-06	0.00E+00
422	ALL	635650.04	4280354.30	1.7082E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8637E-06	0.00E+00
423	ALL	635657.49	4280336.80	1.4490E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2774E-06	0.00E+00
424	ALL	635664.93	4280319.29	1.2640E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8589E-06	0.00E+00
425	ALL	635672.38	4280301.79	1.1243E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5430E-06	0.00E+00
426	ALL	635679.83	4280284.28	1.0139E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2932E-06	0.00E+00
427	ALL	635697.91	4280259.18	9.0306E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0425E-06	0.00E+00
428	ALL	635712.34	4280242.08	8.4502E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9113E-06	0.00E+00

429	ALL	635735.72	4280247.03	9.0855E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0550E-06	0.00E+00
430	ALL	635747.56	4280227.68	8.3672E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8925E-06	0.00E+00
431	ALL	635756.66	4280202.26	7.4697E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6895E-06	0.00E+00
432	ALL	635783.38	4280199.62	7.7029E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7422E-06	0.00E+00
433	ALL	635800.39	4280206.09	8.1713E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8482E-06	0.00E+00
434	ALL	635818.00	4280198.90	8.0834E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8283E-06	0.00E+00
435	ALL	635835.61	4280191.70	7.9841E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8058E-06	0.00E+00
436	ALL	635853.22	4280184.51	7.8773E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7817E-06	0.00E+00
437	ALL	635860.02	4280443.60	4.3001E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7258E-06	0.00E+00
438	ALL	635619.79	4280462.87	3.1764E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1843E-06	0.00E+00
439	ALL	635619.56	4280482.14	2.5216E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7033E-06	0.00E+00
440	ALL	635619.33	4280501.42	2.1043E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7594E-06	0.00E+00
441	ALL	635619.10	4280520.69	1.8248E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1272E-06	0.00E+00
442	ALL	635618.87	4280539.96	1.6256E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6767E-06	0.00E+00
443	ALL	635618.64	4280559.23	1.4771E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3408E-06	0.00E+00
444	ALL	635618.41	4280578.51	1.3649E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0871E-06	0.00E+00
445	ALL	635577.70	4280406.22	3.7532E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4889E-06	0.00E+00
446	ALL	635585.15	4280388.72	2.5522E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7726E-06	0.00E+00
447	ALL	635592.59	4280371.21	1.9302E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3657E-06	0.00E+00
448	ALL	635600.44	4280353.71	1.5555E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5182E-06	0.00E+00
449	ALL	635607.49	4280336.20	1.3078E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9579E-06	0.00E+00
450	ALL	635614.94	4280318.70	1.1326E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5616E-06	0.00E+00
451	ALL	635622.39	4280301.19	1.0022E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2668E-06	0.00E+00
452	ALL	635629.83	4280283.69	9.0130E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0385E-06	0.00E+00
453	ALL	635637.28	4280266.18	8.2042E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8556E-06	0.00E+00
454	ALL	635644.73	4280248.67	7.5382E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7050E-06	0.00E+00
455	ALL	635652.18	4280231.17	6.9761E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5779E-06	0.00E+00
456	ALL	635677.23	4280206.47	6.5283E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4766E-06	0.00E+00
457	ALL	635694.84	4280199.27	6.5482E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4811E-06	0.00E+00
458	ALL	635712.45	4280192.08	6.5575E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4832E-06	0.00E+00
459	ALL	635730.07	4280184.88	6.5535E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4823E-06	0.00E+00
460	ALL	635747.68	4280177.68	6.5368E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4785E-06	0.00E+00
461	ALL	635765.29	4280170.49	6.5082E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4720E-06	0.00E+00
462	ALL	635782.90	4280163.29	6.4688E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4631E-06	0.00E+00
463	ALL	635800.51	4280156.10	6.4200E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4521E-06	0.00E+00
464	ALL	635818.12	4280148.90	6.3622E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4390E-06	0.00E+00
465	ALL	635835.73	4280141.70	6.2953E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4239E-06	0.00E+00
466	ALL	635853.34	4280134.51	6.2219E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4073E-06	0.00E+00
467	ALL	635570.02	4280443.00	4.1877E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4718E-06	0.00E+00
468	ALL	635569.79	4280462.28	3.0364E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8676E-06	0.00E+00
469	ALL	635569.56	4280481.55	2.3712E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3632E-06	0.00E+00
470	ALL	635569.33	4280500.82	1.9500E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4106E-06	0.00E+00
471	ALL	635569.10	4280520.09	1.6686E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7741E-06	0.00E+00
472	ALL	635568.87	4280539.37	1.4691E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3229E-06	0.00E+00
473	ALL	635568.64	4280558.64	1.3215E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9890E-06	0.00E+00
474	ALL	635568.41	4280577.91	1.2087E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7339E-06	0.00E+00
475	ALL	635527.70	4280405.63	3.3806E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6462E-06	0.00E+00
476	ALL	635535.15	4280388.12	2.2463E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0807E-06	0.00E+00
477	ALL	635542.60	4280370.62	1.6723E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7823E-06	0.00E+00
478	ALL	635550.05	4280353.11	1.3344E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0181E-06	0.00E+00
479	ALL	635557.49	4280335.61	1.1166E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5255E-06	0.00E+00
480	ALL	635564.94	4280318.10	9.6566E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1841E-06	0.00E+00
481	ALL	635572.39	4280300.59	8.5479E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9333E-06	0.00E+00
482	ALL	635579.84	4280283.09	7.7068E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7431E-06	0.00E+00
483	ALL	635587.28	4280265.58	7.0420E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5927E-06	0.00E+00
484	ALL	635594.73	4280248.08	6.5005E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4703E-06	0.00E+00
485	ALL	635602.18	4280230.57	6.0441E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3671E-06	0.00E+00
486	ALL	635609.63	4280213.07	5.6527E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2785E-06	0.00E+00
487	ALL	635617.07	4280195.56	5.3107E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2012E-06	0.00E+00
488	ALL	635642.13	4280170.86	5.0796E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1489E-06	0.00E+00
489	ALL	635659.74	4280163.66	5.1370E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1619E-06	0.00E+00
490	ALL	635677.35	4280156.47	5.1804E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1717E-06	0.00E+00
491	ALL	635694.96	4280149.27	5.2104E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1785E-06	0.00E+00
492	ALL	635712.57	4280142.08	5.2334E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1837E-06	0.00E+00
493	ALL	635730.19	4280134.88	5.2438E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1860E-06	0.00E+00
494	ALL	635747.80	4280127.68	5.2402E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1852E-06	0.00E+00
495	ALL	635765.41	4280120.49	5.2258E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1820E-06	0.00E+00
496	ALL	635783.02	4280113.29	5.2032E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1769E-06	0.00E+00
497	ALL	635800.63	4280106.10	5.1728E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1700E-06	0.00E+00
498	ALL	635818.24	4280098.90	5.1336E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1611E-06	0.00E+00
499	ALL	635835.85	4280091.70	5.0844E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1500E-06	0.00E+00
500	ALL	635853.46	4280084.51	5.0311E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1379E-06	0.00E+00
501	ALL	635520.02	4280442.41	3.9319E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8930E-06	0.00E+00
502	ALL	635519.79	4280461.68	2.7750E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2764E-06	0.00E+00
503	ALL	635519.56	4280480.95	2.1286E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8144E-06	0.00E+00
504	ALL	635519.33	4280500.22	1.7305E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9140E-06	0.00E+00

505	ALL	635519.10	4280519.50	1.4668E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3176E-06	0.00E+00
506	ALL	635518.87	4280538.77	1.2825E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9008E-06	0.00E+00
507	ALL	635518.64	4280558.04	1.1478E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5962E-06	0.00E+00
508	ALL	635518.41	4280577.31	1.0459E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3655E-06	0.00E+00
509	ALL	635477.71	4280405.03	1.6393E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7077E-06	0.00E+00
510	ALL	635485.15	4280387.53	1.3225E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9912E-06	0.00E+00
511	ALL	635492.60	4280370.02	1.0933E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4728E-06	0.00E+00
512	ALL	635500.05	4280352.51	9.3471E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1141E-06	0.00E+00
513	ALL	635507.50	4280335.01	8.2050E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8558E-06	0.00E+00
514	ALL	635514.94	4280317.50	7.3514E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6627E-06	0.00E+00
515	ALL	635522.39	4280300.00	6.6911E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5134E-06	0.00E+00
516	ALL	635529.84	4280282.49	6.1626E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3938E-06	0.00E+00
517	ALL	635537.29	4280264.99	5.7281E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2956E-06	0.00E+00
518	ALL	635544.74	4280247.48	5.3648E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2134E-06	0.00E+00
519	ALL	635552.18	4280229.98	5.0517E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1426E-06	0.00E+00
520	ALL	635559.63	4280212.47	4.7760E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0802E-06	0.00E+00
521	ALL	635567.08	4280194.96	4.5308E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0248E-06	0.00E+00
522	ALL	635574.53	4280177.46	4.3094E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7470E-07	0.00E+00
523	ALL	635581.97	4280159.95	4.1069E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2890E-07	0.00E+00
524	ALL	635607.03	4280135.25	3.9994E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0457E-07	0.00E+00
525	ALL	635624.64	4280128.06	4.0690E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2031E-07	0.00E+00
526	ALL	635642.25	4280120.86	4.1289E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3388E-07	0.00E+00
527	ALL	635659.86	4280113.66	4.1796E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4534E-07	0.00E+00
528	ALL	635677.47	4280106.47	4.2224E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5502E-07	0.00E+00
529	ALL	635695.08	4280099.27	4.2558E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6257E-07	0.00E+00
530	ALL	635712.69	4280092.08	4.2764E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6722E-07	0.00E+00
531	ALL	635730.31	4280084.88	4.2860E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6940E-07	0.00E+00
532	ALL	635747.92	4280077.68	4.2853E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6924E-07	0.00E+00
533	ALL	635765.53	4280070.49	4.2799E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6801E-07	0.00E+00
534	ALL	635783.14	4280063.29	4.2671E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6512E-07	0.00E+00
535	ALL	635800.75	4280056.10	4.2456E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6026E-07	0.00E+00
536	ALL	635818.36	4280048.90	4.2211E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5472E-07	0.00E+00
537	ALL	635835.97	4280041.70	4.1938E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4856E-07	0.00E+00
538	ALL	635853.58	4280034.51	4.1629E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4156E-07	0.00E+00
539	ALL	635470.26	4280422.54	1.7276E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9074E-06	0.00E+00
540	ALL	635470.03	4280441.81	1.8770E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2454E-06	0.00E+00
541	ALL	635469.80	4280461.08	1.6464E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7237E-06	0.00E+00
542	ALL	635469.57	4280480.35	1.4060E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1801E-06	0.00E+00
543	ALL	635469.34	4280499.63	1.2228E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7657E-06	0.00E+00
544	ALL	635469.11	4280518.90	1.0859E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4562E-06	0.00E+00
545	ALL	635468.88	4280538.17	9.8199E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2211E-06	0.00E+00
546	ALL	635468.65	4280557.44	9.0113E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0382E-06	0.00E+00
547	ALL	635468.42	4280576.72	8.3675E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8925E-06	0.00E+00
548	ALL	635886.10	4280609.90	8.8258E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9962E-05	0.00E+00
549	ALL	635773.49	4280682.94	2.6933E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0916E-06	0.00E+00
550	ALL	635887.67	4280641.44	7.2707E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6445E-05	0.00E+00
551	ALL	635833.98	4280668.93	5.9707E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3504E-05	0.00E+00
552	ALL	635834.92	4280644.02	6.3661E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4399E-05	0.00E+00
553	ALL	635810.32	4280644.73	4.2599E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6351E-06	0.00E+00
554	ALL	635825.86	4280663.71	5.2157E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1797E-05	0.00E+00
555	ALL	635791.86	4280644.84	3.3730E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6291E-06	0.00E+00
556	ALL	635887.77	4280681.44	6.1146E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3830E-05	0.00E+00
557	ALL	635906.90	4280681.40	4.9460E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1187E-05	0.00E+00
558	ALL	635926.04	4280681.35	4.2512E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6152E-06	0.00E+00
559	ALL	635955.81	4280712.00	2.9045E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5695E-06	0.00E+00
560	ALL	635834.46	4280687.27	5.8402E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3209E-05	0.00E+00
561	ALL	635817.35	4280680.16	4.4557E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0078E-05	0.00E+00
562	ALL	635800.24	4280673.05	3.6131E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1720E-06	0.00E+00
563	ALL	635776.19	4280648.76	2.8351E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4124E-06	0.00E+00
564	ALL	635774.10	4280641.00	2.7839E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2966E-06	0.00E+00
565	ALL	635868.68	4280701.49	8.1080E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8339E-05	0.00E+00
566	ALL	635887.81	4280701.44	5.7124E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2920E-05	0.00E+00
567	ALL	635905.13	4280693.80	4.7532E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0751E-05	0.00E+00
568	ALL	635926.08	4280701.35	3.8306E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6641E-06	0.00E+00
569	ALL	635835.46	4280707.66	5.7552E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3017E-05	0.00E+00
570	ALL	635802.19	4280693.84	3.5912E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1225E-06	0.00E+00
571	ALL	635785.56	4280686.93	3.0221E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8352E-06	0.00E+00
572	ALL	635762.17	4280663.31	2.4583E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5601E-06	0.00E+00
573	ALL	635755.42	4280646.61	2.3305E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2710E-06	0.00E+00
574	ALL	635868.73	4280721.49	7.7333E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7491E-05	0.00E+00
575	ALL	635887.86	4280721.44	5.3809E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2170E-05	0.00E+00
576	ALL	635907.00	4280721.40	4.1823E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4596E-06	0.00E+00
577	ALL	635926.13	4280721.35	3.4962E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9077E-06	0.00E+00
578	ALL	635945.27	4280721.31	3.0055E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7977E-06	0.00E+00
579	ALL	635964.40	4280721.26	2.6043E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8904E-06	0.00E+00
580	ALL	635841.09	4280734.22	6.2868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4219E-05	0.00E+00

581	ALL	635819.89	4280721.17	4.3207E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7724E-06	0.00E+00
582	ALL	635773.03	4280707.93	2.6157E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9162E-06	0.00E+00
583	ALL	635748.10	4280677.73	2.1620E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8900E-06	0.00E+00
584	ALL	635734.87	4280645.01	1.9807E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4800E-06	0.00E+00
585	ALL	635893.08	4280742.36	4.6720E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0567E-05	0.00E+00
586	ALL	635901.58	4280746.87	4.0950E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2620E-06	0.00E+00
587	ALL	635926.18	4280741.35	3.2208E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2848E-06	0.00E+00
588	ALL	635945.31	4280741.31	2.7507E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2215E-06	0.00E+00
589	ALL	635964.45	4280741.26	2.3787E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3802E-06	0.00E+00
590	ALL	635983.58	4280741.21	2.0616E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6630E-06	0.00E+00
591	ALL	636002.72	4280741.17	1.7850E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0374E-06	0.00E+00
592	ALL	636021.85	4280741.12	1.5436E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4913E-06	0.00E+00
593	ALL	636040.99	4280741.08	1.3368E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0236E-06	0.00E+00
594	ALL	636060.12	4280741.03	1.1611E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6261E-06	0.00E+00
595	ALL	635841.39	4280754.33	6.1927E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4006E-05	0.00E+00
596	ALL	635820.70	4280741.49	4.2363E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5817E-06	0.00E+00
597	ALL	635788.62	4280728.16	2.9533E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6798E-06	0.00E+00
598	ALL	635756.55	4280714.83	2.2533E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0964E-06	0.00E+00
599	ALL	635733.99	4280692.06	1.9241E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3519E-06	0.00E+00
600	ALL	635708.00	4280660.42	1.6451E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7209E-06	0.00E+00
601	ALL	635705.69	4280647.94	1.6375E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7036E-06	0.00E+00
602	ALL	635887.96	4280761.44	4.8579E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0987E-05	0.00E+00
603	ALL	635907.09	4280761.40	3.6634E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2858E-06	0.00E+00
604	ALL	635926.23	4280761.35	2.9930E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7696E-06	0.00E+00
605	ALL	635945.36	4280761.31	2.5376E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7395E-06	0.00E+00
606	ALL	635964.50	4280761.26	2.1870E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9466E-06	0.00E+00
607	ALL	635983.63	4280761.21	1.8964E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2893E-06	0.00E+00
608	ALL	636002.77	4280761.17	1.6478E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7269E-06	0.00E+00
609	ALL	636021.90	4280761.12	1.4331E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2415E-06	0.00E+00
610	ALL	636041.04	4280761.08	1.2489E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8246E-06	0.00E+00
611	ALL	635821.35	4280761.74	4.1529E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3929E-06	0.00E+00
612	ALL	635789.66	4280748.57	2.8952E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5483E-06	0.00E+00
613	ALL	635757.98	4280735.40	2.2330E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0506E-06	0.00E+00
614	ALL	635714.40	4280716.96	1.6556E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7447E-06	0.00E+00
615	ALL	635708.41	4280671.99	1.6370E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7025E-06	0.00E+00
616	ALL	635689.58	4280655.47	1.4906E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3714E-06	0.00E+00
617	ALL	635690.08	4280597.55	1.6224E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6694E-06	0.00E+00
618	ALL	635888.01	4280781.44	4.6455E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0507E-05	0.00E+00
619	ALL	635907.14	4280781.40	3.4584E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8222E-06	0.00E+00
620	ALL	635926.28	4280781.35	2.7971E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3265E-06	0.00E+00
621	ALL	635945.41	4280781.31	2.3546E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3255E-06	0.00E+00
622	ALL	635964.55	4280781.26	2.0215E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5721E-06	0.00E+00
623	ALL	635983.68	4280781.21	1.7526E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9640E-06	0.00E+00
624	ALL	636002.82	4280781.17	1.5268E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4532E-06	0.00E+00
625	ALL	636021.95	4280781.12	1.3341E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0175E-06	0.00E+00
626	ALL	636041.09	4280781.08	1.1687E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6434E-06	0.00E+00
627	ALL	636060.22	4280781.03	1.0271E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3232E-06	0.00E+00
628	ALL	635820.39	4280811.29	3.8360E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6761E-06	0.00E+00
629	ALL	635787.98	4280797.82	2.6462E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9851E-06	0.00E+00
630	ALL	635750.92	4280794.84	1.9626E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4391E-06	0.00E+00
631	ALL	635723.18	4280770.89	1.6757E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7900E-06	0.00E+00
632	ALL	635684.19	4280741.16	1.3582E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0719E-06	0.00E+00
633	ALL	635671.04	4280708.63	1.2959E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9311E-06	0.00E+00
634	ALL	635657.88	4280676.10	1.2539E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8362E-06	0.00E+00
635	ALL	635644.72	4280643.57	1.2450E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8160E-06	0.00E+00
636	ALL	635646.14	4280597.98	1.3849E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1324E-06	0.00E+00
637	ALL	635819.76	4280860.98	3.5826E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1031E-06	0.00E+00
638	ALL	635786.86	4280847.30	2.4208E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4754E-06	0.00E+00
639	ALL	635688.15	4280806.28	1.3124E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9683E-06	0.00E+00
640	ALL	635648.57	4280776.09	1.1003E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4887E-06	0.00E+00
641	ALL	635635.21	4280743.06	1.0628E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4039E-06	0.00E+00
642	ALL	635621.85	4280710.03	1.0376E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3469E-06	0.00E+00
643	ALL	635608.49	4280677.00	1.0333E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3372E-06	0.00E+00
644	ALL	635595.13	4280643.97	1.0553E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3868E-06	0.00E+00
645	ALL	635587.85	4280600.01	1.1692E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6445E-06	0.00E+00
646	ALL	635888.25	4280881.44	3.6847E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3341E-06	0.00E+00
647	ALL	635907.38	4280881.40	2.5868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8508E-06	0.00E+00
648	ALL	635926.52	4280881.35	1.9988E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5208E-06	0.00E+00
649	ALL	635945.65	4280881.31	1.6400E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7092E-06	0.00E+00
650	ALL	635964.79	4280881.26	1.3961E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1577E-06	0.00E+00
651	ALL	635983.92	4280881.21	1.2150E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7481E-06	0.00E+00
652	ALL	636003.06	4280881.17	1.0721E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4248E-06	0.00E+00
653	ALL	636022.19	4280881.12	9.5439E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1586E-06	0.00E+00
654	ALL	636041.33	4280881.08	8.5460E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9329E-06	0.00E+00
655	ALL	636060.46	4280881.03	7.6867E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7386E-06	0.00E+00
656	ALL	635835.96	4280917.66	4.6111E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0429E-05	0.00E+00

657	ALL	635802.70	4280903.84	2.6017E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8845E-06	0.00E+00
658	ALL	635786.06	4280896.92	2.1942E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9627E-06	0.00E+00
659	ALL	635769.43	4280890.01	1.9233E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3501E-06	0.00E+00
660	ALL	635752.80	4280883.10	1.7244E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9003E-06	0.00E+00
661	ALL	635736.16	4280876.19	1.5671E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5445E-06	0.00E+00
662	ALL	635702.89	4280862.36	1.3251E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9970E-06	0.00E+00
663	ALL	635686.26	4280855.45	1.2267E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7746E-06	0.00E+00
664	ALL	635669.63	4280848.53	1.1387E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5754E-06	0.00E+00
665	ALL	635652.99	4280841.62	1.0593E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3959E-06	0.00E+00
666	ALL	635636.36	4280834.71	9.8793E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2345E-06	0.00E+00
667	ALL	635612.97	4280811.10	9.1051E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0594E-06	0.00E+00
668	ALL	635599.46	4280777.70	8.8612E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0042E-06	0.00E+00
669	ALL	635585.96	4280744.30	8.6937E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9663E-06	0.00E+00
670	ALL	635579.20	4280727.60	8.6540E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9573E-06	0.00E+00
671	ALL	635565.69	4280694.20	8.6895E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9654E-06	0.00E+00
672	ALL	635552.19	4280660.81	8.9027E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0136E-06	0.00E+00
673	ALL	635545.43	4280644.11	9.0829E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0544E-06	0.00E+00
674	ALL	635531.01	4280601.60	9.8986E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2389E-06	0.00E+00
675	ALL	635888.37	4280931.44	2.9484E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6686E-06	0.00E+00
676	ALL	635907.50	4280931.40	2.0411E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6165E-06	0.00E+00
677	ALL	635926.64	4280931.35	1.5987E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6159E-06	0.00E+00
678	ALL	635945.77	4280931.30	1.3345E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0183E-06	0.00E+00
679	ALL	635964.91	4280931.26	1.1534E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6087E-06	0.00E+00
680	ALL	635984.04	4280931.21	1.0174E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3011E-06	0.00E+00
681	ALL	636003.18	4280931.17	9.0846E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0547E-06	0.00E+00
682	ALL	636022.31	4280931.12	8.1773E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8495E-06	0.00E+00
683	ALL	636041.45	4280931.07	7.3997E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6737E-06	0.00E+00
684	ALL	636060.58	4280931.03	6.7225E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5205E-06	0.00E+00
685	ALL	635852.58	4280974.52	4.5132E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0208E-05	0.00E+00
686	ALL	635835.80	4280967.55	3.6047E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1530E-06	0.00E+00
687	ALL	635819.03	4280960.58	2.7497E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2193E-06	0.00E+00
688	ALL	635802.26	4280953.60	2.2569E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1045E-06	0.00E+00
689	ALL	635785.48	4280946.63	1.9390E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3856E-06	0.00E+00
690	ALL	635768.71	4280939.66	1.7164E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8822E-06	0.00E+00
691	ALL	635751.94	4280932.69	1.5501E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5061E-06	0.00E+00
692	ALL	635735.16	4280925.72	1.4198E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2114E-06	0.00E+00
693	ALL	635718.39	4280918.75	1.3121E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9676E-06	0.00E+00
694	ALL	635684.84	4280904.81	1.1365E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5706E-06	0.00E+00
695	ALL	635668.07	4280897.84	1.0621E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4022E-06	0.00E+00
696	ALL	635651.30	4280890.87	9.9422E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2487E-06	0.00E+00
697	ALL	635634.52	4280883.89	9.3197E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1079E-06	0.00E+00
698	ALL	635617.75	4280876.92	8.7488E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9788E-06	0.00E+00
699	ALL	635600.98	4280869.95	8.2256E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8605E-06	0.00E+00
700	ALL	635577.39	4280846.14	7.6564E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7317E-06	0.00E+00
701	ALL	635563.77	4280812.46	7.4868E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6934E-06	0.00E+00
702	ALL	635556.96	4280795.63	7.4157E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6773E-06	0.00E+00
703	ALL	635543.34	4280761.95	7.3200E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6556E-06	0.00E+00
704	ALL	635536.53	4280745.11	7.3023E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6516E-06	0.00E+00
705	ALL	635522.91	4280711.43	7.3316E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6582E-06	0.00E+00
706	ALL	635516.09	4280694.59	7.3837E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6700E-06	0.00E+00
707	ALL	635502.47	4280660.91	7.5663E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7113E-06	0.00E+00
708	ALL	635495.66	4280644.07	7.6920E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7398E-06	0.00E+00
709	ALL	635488.85	4280627.23	7.8393E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7731E-06	0.00E+00
710	ALL	635475.23	4280593.56	8.1855E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8514E-06	0.00E+00
711	ALL	635869.35	4280981.49	2.7989E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3306E-06	0.00E+00
712	ALL	635888.49	4280981.44	1.9411E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3903E-06	0.00E+00
713	ALL	635907.62	4280981.40	1.5117E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4190E-06	0.00E+00
714	ALL	635926.76	4280981.35	1.2566E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8421E-06	0.00E+00
715	ALL	635945.89	4280981.30	1.0846E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4530E-06	0.00E+00
716	ALL	635965.03	4280981.26	9.5741E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1655E-06	0.00E+00
717	ALL	635984.16	4280981.21	8.5839E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9415E-06	0.00E+00
718	ALL	636003.30	4280981.17	7.7628E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7558E-06	0.00E+00
719	ALL	636022.43	4280981.12	7.0620E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5973E-06	0.00E+00
720	ALL	636041.57	4280981.07	6.4521E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4593E-06	0.00E+00
721	ALL	636060.70	4280981.03	5.9141E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3376E-06	0.00E+00
722	ALL	635668.98	4280654.24	1.3523E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0587E-06	0.00E+00
723	ALL	635625.55	4280594.42	1.3176E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9801E-06	0.00E+00
724	ALL	635606.72	4280597.45	1.2401E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8048E-06	0.00E+00
725	ALL	635566.02	4280604.44	1.0858E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4558E-06	0.00E+00
726	ALL	635551.45	4280600.49	1.0569E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3904E-06	0.00E+00
727	ALL	635567.24	4280653.03	9.4924E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1470E-06	0.00E+00
728	ALL	636087.01	4280471.41	1.9162E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3341E-06	0.00E+00
729	ALL	635826.46	4280388.41	3.6992E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3668E-06	0.00E+00
730	ALL	635837.39	4280334.04	2.0353E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6034E-06	0.00E+00
731	ALL	635848.53	4280258.90	1.1898E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6911E-06	0.00E+00
732	ALL	635837.89	4280254.04	1.1338E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5644E-06	0.00E+00

733	ALL	635846.40	4280242.19	1.0697E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4194E-06	0.00E+00
734	ALL	635814.81	4280237.64	9.9090E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2412E-06	0.00E+00
735	ALL	635799.32	4280242.80	9.9459E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2495E-06	0.00E+00
736	ALL	635775.62	4280252.22	1.0067E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2769E-06	0.00E+00
737	ALL	635841.24	4280203.31	8.5424E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9321E-06	0.00E+00
738	ALL	635848.22	4280191.77	8.1204E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8367E-06	0.00E+00
739	ALL	635754.97	4280254.34	9.8092E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2186E-06	0.00E+00
740	ALL	635696.65	4280244.32	8.2832E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8735E-06	0.00E+00
741	ALL	635678.73	4280245.23	8.0117E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8121E-06	0.00E+00
742	ALL	635705.44	4280707.56	1.5735E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5589E-06	0.00E+00
743	ALL	636147.23	4280520.91	9.9037E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2400E-06	0.00E+00
744	ALL	636148.22	4280503.10	1.0044E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2716E-06	0.00E+00
745	ALL	636171.47	4280488.76	8.5467E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9331E-06	0.00E+00
746	ALL	636124.74	4280383.48	1.4095E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1880E-06	0.00E+00
747	ALL	635642.98	4280469.98	2.9732E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7248E-06	0.00E+00
748	ALL	635714.01	4280453.71	3.9920E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0290E-06	0.00E+00
749	ALL	635579.27	4280351.30	1.4410E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2591E-06	0.00E+00
750	ALL	635588.52	4280445.51	4.0581E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1786E-06	0.00E+00
751	ALL	635994.75	4280770.20	1.6868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8152E-06	0.00E+00
752	ALL	635941.49	4280799.52	2.2846E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1672E-06	0.00E+00
753	ALL	635930.41	4280800.59	2.5238E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7082E-06	0.00E+00
754	ALL	635969.37	4280800.95	1.8105E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0950E-06	0.00E+00
755	ALL	635881.79	4280791.29	5.1834E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1724E-05	0.00E+00
756	ALL	636052.31	4280804.52	1.0075E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2788E-06	0.00E+00
757	ALL	636040.51	4280800.23	1.1028E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4943E-06	0.00E+00
758	ALL	636066.97	4280800.59	9.2822E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0994E-06	0.00E+00
759	ALL	636098.07	4280798.44	7.7078E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7433E-06	0.00E+00
760	ALL	635832.10	4280799.87	4.7874E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0828E-05	0.00E+00
761	ALL	635716.40	4280791.70	1.5695E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5499E-06	0.00E+00
762	ALL	635769.96	4280795.19	2.2676E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1288E-06	0.00E+00
763	ALL	635687.88	4280788.79	1.3334E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0159E-06	0.00E+00
764	ALL	635664.01	4280800.43	1.1632E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6308E-06	0.00E+00
765	ALL	635767.96	4280851.03	2.0406E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6154E-06	0.00E+00
766	ALL	635748.16	4280850.44	1.7682E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9992E-06	0.00E+00
767	ALL	635728.37	4280852.77	1.5530E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5126E-06	0.00E+00
768	ALL	635629.10	4280355.31	1.6722E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7822E-06	0.00E+00
769	ALL	635693.43	4280327.60	1.4258E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2248E-06	0.00E+00
770	ALL	635639.00	4280336.01	1.3913E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1467E-06	0.00E+00
771	ALL	636077.06	4280449.19	2.2672E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1278E-06	0.00E+00
772	ALL	635839.79	4280507.21	6.4329E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4550E-05	0.00E+00
773	ALL	635839.13	4280516.65	6.5931E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4912E-05	0.00E+00
774	ALL	635542.86	4280448.84	3.6314E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2134E-06	0.00E+00
775	ALL	635594.34	4280461.21	3.1697E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1691E-06	0.00E+00
776	ALL	635624.69	4280669.24	1.1083E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5067E-06	0.00E+00
777	ALL	635641.40	4280857.40	9.8813E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2349E-06	0.00E+00
778	ALL	635830.98	4280938.08	3.8347E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6733E-06	0.00E+00
779	ALL	635887.91	4280891.06	3.6130E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1718E-06	0.00E+00
780	ALL	635887.91	4280968.27	2.1961E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9672E-06	0.00E+00
781	ALL	635722.05	4280490.00	2.8012E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3357E-06	0.00E+00
782	ALL	635689.83	4280847.25	1.2629E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8564E-06	0.00E+00
783	ALL	635551.21	4280395.34	2.7572E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2362E-06	0.00E+00
784	ALL	635499.71	4280398.32	2.2402E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0668E-06	0.00E+00

Health Risk Summary (Summary of HARP2 Results - Operational DPM)

Preferred Pump Project Operations (DPM from Trucks) - Starting in the Third Trimester

		Cancer	MAXHI	MAXHI
	RISK_SUM	Risk/million	NonCancer Chronic	Acute
Maximum Risk	8.690E-08	0.087	1.9962E-05	0.00E+00
	X	Y		
MEI UTM	635886.10	4280609.90		
Lat/Long	38°39'49.1"N	121°26'17.3"W		
	38.663651, -121.438138			
Receptor # 548				

*HARP - HRACalc v22118 3/2/2025 4:55:51 AM - Cancer Risk - Input File: F:\HRA\0004-0024\HARP\05 - PP OPS DPM After Con\hra\Op DPM After ConHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 4:55:51 AM - Chronic Risk - Input File: F:\HRA\0004-0024\HARP\05 - PP OPS DPM After Con\hra\Op DPM After ConHRAInput.hra

*HARP - HRACalc v22118 3/2/2025 4:55:51 AM - Acute Risk - Input File: F:\HRA\0004-0024\HARP\05 - PP OPS DPM After Con\hra\Op DPM After ConHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	636083.85	4280479.37	1.9339E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4423E-06	0.00E+00
2	ALL	636073.64	4280454.68	2.3185E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3259E-06	0.00E+00
3	ALL	636101.75	4280447.53	1.6498E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7898E-06	0.00E+00
4	ALL	636139.65	4280461.09	1.1138E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5586E-06	0.00E+00
5	ALL	636141.74	4280448.13	1.1102E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5503E-06	0.00E+00
6	ALL	636161.45	4280467.59	9.2528E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1255E-06	0.00E+00
7	ALL	636161.74	4280448.43	9.4125E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1622E-06	0.00E+00
8	ALL	636175.26	4280467.63	8.3454E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9170E-06	0.00E+00
9	ALL	636181.74	4280448.73	8.1070E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8623E-06	0.00E+00
10	ALL	636200.59	4280525.66	6.7051E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5402E-06	0.00E+00
11	ALL	636118.66	4280722.88	7.9972E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8371E-06	0.00E+00
12	ALL	636138.95	4280728.58	6.9546E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5975E-06	0.00E+00
13	ALL	636107.44	4280741.56	8.2329E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8912E-06	0.00E+00
14	ALL	636075.93	4280754.54	9.8248E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2569E-06	0.00E+00
15	ALL	636207.70	4280705.93	4.9658E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1407E-06	0.00E+00
16	ALL	636147.75	4280744.97	6.3842E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4665E-06	0.00E+00
17	ALL	636130.24	4280752.18	6.9694E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6010E-06	0.00E+00
18	ALL	636112.74	4280759.40	7.6290E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7525E-06	0.00E+00
19	ALL	636095.23	4280766.61	8.3704E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9228E-06	0.00E+00
20	ALL	636077.73	4280773.82	9.1972E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1127E-06	0.00E+00
21	ALL	636302.28	4280602.19	3.7023E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5047E-07	0.00E+00
22	ALL	636294.85	4280619.61	3.7536E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6224E-07	0.00E+00
23	ALL	636287.42	4280637.02	3.7972E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7226E-07	0.00E+00
24	ALL	636279.99	4280654.44	3.8351E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8098E-07	0.00E+00
25	ALL	636272.56	4280671.85	3.8685E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8863E-07	0.00E+00
26	ALL	636257.69	4280706.68	3.9248E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0158E-07	0.00E+00
27	ALL	636250.26	4280724.09	3.9522E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0787E-07	0.00E+00
28	ALL	636242.83	4280741.50	3.9794E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1412E-07	0.00E+00
29	ALL	636217.89	4280766.13	4.2878E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8496E-07	0.00E+00
30	ALL	636200.39	4280773.34	4.6005E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0568E-06	0.00E+00
31	ALL	636182.88	4280780.55	4.9481E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1366E-06	0.00E+00
32	ALL	636165.38	4280787.76	5.3348E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2255E-06	0.00E+00
33	ALL	636147.87	4280794.97	5.7680E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3250E-06	0.00E+00
34	ALL	636130.36	4280802.18	6.2492E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4355E-06	0.00E+00
35	ALL	636112.86	4280809.40	6.7814E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5578E-06	0.00E+00
36	ALL	636095.35	4280807.67	7.5366E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7313E-06	0.00E+00
37	ALL	636309.71	4280584.78	3.6454E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3738E-07	0.00E+00
38	ALL	636310.00	4280565.62	3.6974E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4934E-07	0.00E+00
39	ALL	636310.29	4280546.47	3.7405E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5923E-07	0.00E+00
40	ALL	636310.57	4280527.31	3.7768E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6757E-07	0.00E+00
41	ALL	636310.86	4280508.15	3.8078E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7469E-07	0.00E+00
42	ALL	636311.15	4280488.99	3.8370E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8140E-07	0.00E+00
43	ALL	636311.44	4280469.84	3.8671E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8832E-07	0.00E+00
44	ALL	636311.72	4280450.68	3.9010E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9609E-07	0.00E+00
45	ALL	636312.01	4280431.52	3.9398E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0501E-07	0.00E+00
46	ALL	636352.27	4280602.95	3.0211E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9399E-07	0.00E+00
47	ALL	636344.84	4280620.36	3.0609E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0313E-07	0.00E+00
48	ALL	636337.41	4280637.77	3.0955E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1107E-07	0.00E+00
49	ALL	636329.98	4280655.19	3.1253E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1791E-07	0.00E+00
50	ALL	636322.55	4280672.60	3.1521E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2407E-07	0.00E+00
51	ALL	636315.12	4280690.01	3.1753E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2940E-07	0.00E+00
52	ALL	636307.69	4280707.43	3.1956E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3407E-07	0.00E+00
53	ALL	636300.26	4280724.84	3.2157E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3869E-07	0.00E+00
54	ALL	636292.82	4280742.25	3.2362E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4338E-07	0.00E+00
55	ALL	636285.39	4280759.67	3.2562E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4798E-07	0.00E+00
56	ALL	636277.96	4280777.08	3.2759E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5251E-07	0.00E+00
57	ALL	636253.03	4280801.71	3.4962E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.0311E-07	0.00E+00
58	ALL	636235.52	4280808.92	3.7195E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5441E-07	0.00E+00
59	ALL	636218.01	4280816.13	3.9644E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1068E-07	0.00E+00
60	ALL	636200.51	4280823.34	4.2326E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7228E-07	0.00E+00
61	ALL	636183.00	4280830.55	4.5286E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0403E-06	0.00E+00

62	ALL	636165.50	4280837.76	4.8564E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1156E-06	0.00E+00
63	ALL	636147.99	4280844.97	5.2189E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1988E-06	0.00E+00
64	ALL	636130.48	4280852.18	5.6136E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2895E-06	0.00E+00
65	ALL	636112.98	4280859.40	6.0435E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3883E-06	0.00E+00
66	ALL	636095.47	4280866.61	6.5116E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4958E-06	0.00E+00
67	ALL	636077.97	4280873.82	7.0188E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6123E-06	0.00E+00
68	ALL	636359.71	4280585.53	2.9760E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8362E-07	0.00E+00
69	ALL	636359.99	4280566.37	3.0106E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9158E-07	0.00E+00
70	ALL	636360.28	4280547.22	3.0392E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9814E-07	0.00E+00
71	ALL	636360.57	4280528.06	3.0647E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0400E-07	0.00E+00
72	ALL	636360.86	4280508.90	3.0872E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0917E-07	0.00E+00
73	ALL	636361.14	4280489.74	3.1077E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1387E-07	0.00E+00
74	ALL	636361.43	4280470.59	3.1293E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1885E-07	0.00E+00
75	ALL	636361.72	4280451.43	3.1546E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2466E-07	0.00E+00
76	ALL	636362.01	4280432.27	3.1820E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3094E-07	0.00E+00
77	ALL	636402.27	4280603.70	2.5175E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7829E-07	0.00E+00
78	ALL	636394.84	4280621.11	2.5502E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8580E-07	0.00E+00
79	ALL	636387.41	4280638.52	2.5792E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9248E-07	0.00E+00
80	ALL	636379.98	4280655.94	2.6045E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9828E-07	0.00E+00
81	ALL	636372.54	4280673.35	2.6264E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0330E-07	0.00E+00
82	ALL	636365.11	4280690.76	2.6453E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0766E-07	0.00E+00
83	ALL	636357.68	4280708.18	2.6623E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1156E-07	0.00E+00
84	ALL	636350.25	4280725.59	2.6780E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1517E-07	0.00E+00
85	ALL	636342.82	4280743.00	2.6931E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.1864E-07	0.00E+00
86	ALL	636335.39	4280760.42	2.7072E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2189E-07	0.00E+00
87	ALL	636327.96	4280777.83	2.7215E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2515E-07	0.00E+00
88	ALL	636320.53	4280795.24	2.7366E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2862E-07	0.00E+00
89	ALL	636313.09	4280812.66	2.7512E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3199E-07	0.00E+00
90	ALL	636288.16	4280837.28	2.9175E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7019E-07	0.00E+00
91	ALL	636270.65	4280844.49	3.0820E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0798E-07	0.00E+00
92	ALL	636253.15	4280851.71	3.2613E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4916E-07	0.00E+00
93	ALL	636235.64	4280858.92	3.4559E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9387E-07	0.00E+00
94	ALL	636218.13	4280866.13	3.6689E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4279E-07	0.00E+00
95	ALL	636200.63	4280873.34	3.9016E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9625E-07	0.00E+00
96	ALL	636183.12	4280880.55	4.1553E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5452E-07	0.00E+00
97	ALL	636165.62	4280887.76	4.4321E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0181E-06	0.00E+00
98	ALL	636148.11	4280894.97	4.7342E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0875E-06	0.00E+00
99	ALL	636130.60	4280902.18	5.0590E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1621E-06	0.00E+00
100	ALL	636113.10	4280909.40	5.4082E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2423E-06	0.00E+00
101	ALL	636095.59	4280916.61	5.7839E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3286E-06	0.00E+00
102	ALL	636078.09	4280923.82	6.1867E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4212E-06	0.00E+00
103	ALL	636409.70	4280586.28	2.4809E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6988E-07	0.00E+00
104	ALL	636409.99	4280567.12	2.5045E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7531E-07	0.00E+00
105	ALL	636410.28	4280547.97	2.5253E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8009E-07	0.00E+00
106	ALL	636410.56	4280528.81	2.5443E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8445E-07	0.00E+00
107	ALL	636410.85	4280509.65	2.5607E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8823E-07	0.00E+00
108	ALL	636411.14	4280490.49	2.5759E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9172E-07	0.00E+00
109	ALL	636411.43	4280471.34	2.5922E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9546E-07	0.00E+00
110	ALL	636411.71	4280452.18	2.6114E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9986E-07	0.00E+00
111	ALL	636412.00	4280433.02	2.6326E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0474E-07	0.00E+00
112	ALL	636452.26	4280604.45	2.1351E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9047E-07	0.00E+00
113	ALL	636444.83	4280621.86	2.1624E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9672E-07	0.00E+00
114	ALL	636437.40	4280639.27	2.1869E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0235E-07	0.00E+00
115	ALL	636429.97	4280656.69	2.2085E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0731E-07	0.00E+00
116	ALL	636422.54	4280674.10	2.2274E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1165E-07	0.00E+00
117	ALL	636415.11	4280691.51	2.2438E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1542E-07	0.00E+00
118	ALL	636407.68	4280708.93	2.2582E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1873E-07	0.00E+00
119	ALL	636400.24	4280726.34	2.2711E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2169E-07	0.00E+00
120	ALL	636392.81	4280743.75	2.2826E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2435E-07	0.00E+00
121	ALL	636385.38	4280761.17	2.2940E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2695E-07	0.00E+00
122	ALL	636377.95	4280778.58	2.3054E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2957E-07	0.00E+00
123	ALL	636370.52	4280796.00	2.3168E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3220E-07	0.00E+00
124	ALL	636363.09	4280813.41	2.3280E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3478E-07	0.00E+00
125	ALL	636355.66	4280830.82	2.3391E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3731E-07	0.00E+00
126	ALL	636348.23	4280848.24	2.3506E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3995E-07	0.00E+00
127	ALL	636323.29	4280872.86	2.4787E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6939E-07	0.00E+00
128	ALL	636305.78	4280880.07	2.6044E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9827E-07	0.00E+00
129	ALL	636288.28	4280887.28	2.7402E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2945E-07	0.00E+00
130	ALL	636270.77	4280894.49	2.8875E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6329E-07	0.00E+00
131	ALL	636253.27	4280901.71	3.0458E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9964E-07	0.00E+00
132	ALL	636235.76	4280908.92	3.2163E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3883E-07	0.00E+00
133	ALL	636218.25	4280916.13	3.4022E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8151E-07	0.00E+00
134	ALL	636200.75	4280923.34	3.6028E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2761E-07	0.00E+00
135	ALL	636183.24	4280930.55	3.8193E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.7734E-07	0.00E+00
136	ALL	636165.74	4280937.76	4.0530E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3102E-07	0.00E+00
137	ALL	636148.23	4280944.97	4.3051E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8893E-07	0.00E+00
138	ALL	636130.72	4280952.18	4.5729E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0505E-06	0.00E+00
139	ALL	636113.22	4280959.40	4.8576E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1159E-06	0.00E+00
140	ALL	636095.71	4280966.61	5.1606E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1854E-06	0.00E+00

141	ALL	636078.21	4280973.82	5.4819E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2593E-06	0.00E+00
142	ALL	636459.69	4280587.03	2.1055E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8366E-07	0.00E+00
143	ALL	636459.98	4280567.87	2.1223E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8753E-07	0.00E+00
144	ALL	636460.27	4280548.72	2.1373E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9096E-07	0.00E+00
145	ALL	636460.56	4280529.56	2.1507E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9404E-07	0.00E+00
146	ALL	636460.84	4280510.40	2.1633E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9693E-07	0.00E+00
147	ALL	636461.13	4280491.24	2.1759E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9983E-07	0.00E+00
148	ALL	636461.42	4280472.09	2.1891E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0287E-07	0.00E+00
149	ALL	636461.71	4280452.93	2.2033E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0613E-07	0.00E+00
150	ALL	636461.99	4280433.77	2.2196E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0987E-07	0.00E+00
151	ALL	636018.02	4280400.44	5.5126E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2663E-05	0.00E+00
152	ALL	635979.66	4280400.34	8.6177E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9796E-05	0.00E+00
153	ALL	635960.48	4280400.30	8.0480E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8487E-05	0.00E+00
154	ALL	635941.30	4280400.25	7.3047E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6780E-05	0.00E+00
155	ALL	635922.12	4280400.21	6.6012E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5164E-05	0.00E+00
156	ALL	635886.61	4280399.68	5.4854E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2601E-05	0.00E+00
157	ALL	636023.77	4280387.68	4.5905E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0545E-05	0.00E+00
158	ALL	636004.59	4280387.63	5.7537E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3217E-05	0.00E+00
159	ALL	635985.41	4280387.59	6.4513E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4819E-05	0.00E+00
160	ALL	635966.23	4280387.54	6.2140E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4274E-05	0.00E+00
161	ALL	635947.05	4280387.49	5.7966E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3315E-05	0.00E+00
162	ALL	635927.87	4280387.45	5.3423E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2272E-05	0.00E+00
163	ALL	635908.69	4280387.40	4.8822E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1215E-05	0.00E+00
164	ALL	635889.51	4280387.36	4.4738E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0277E-05	0.00E+00
165	ALL	636023.82	4280367.68	3.8541E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8533E-06	0.00E+00
166	ALL	636004.64	4280367.63	4.3918E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0088E-05	0.00E+00
167	ALL	635985.46	4280367.59	4.5482E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0448E-05	0.00E+00
168	ALL	635966.28	4280367.54	4.3839E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0070E-05	0.00E+00
169	ALL	635947.10	4280367.49	4.1576E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5504E-06	0.00E+00
170	ALL	635927.92	4280367.45	3.8986E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9555E-06	0.00E+00
171	ALL	635908.74	4280367.40	3.6244E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3256E-06	0.00E+00
172	ALL	635889.55	4280367.36	3.3619E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7227E-06	0.00E+00
173	ALL	636023.87	4280347.68	3.1891E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3257E-06	0.00E+00
174	ALL	636004.69	4280347.63	3.4188E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8534E-06	0.00E+00
175	ALL	635985.51	4280347.59	3.4322E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8842E-06	0.00E+00
176	ALL	635966.33	4280347.54	3.3193E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6249E-06	0.00E+00
177	ALL	635947.15	4280347.49	3.1722E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2868E-06	0.00E+00
178	ALL	635927.96	4280347.45	3.0041E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9008E-06	0.00E+00
179	ALL	635908.78	4280347.40	2.8280E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4962E-06	0.00E+00
180	ALL	635889.60	4280347.36	2.6548E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0984E-06	0.00E+00
181	ALL	636105.29	4280348.93	1.6339E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7533E-06	0.00E+00
182	ALL	636023.92	4280327.68	2.6454E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0768E-06	0.00E+00
183	ALL	636004.74	4280327.63	2.7362E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2854E-06	0.00E+00
184	ALL	635985.56	4280327.59	2.7106E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2264E-06	0.00E+00
185	ALL	635966.37	4280327.54	2.6262E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0327E-06	0.00E+00
186	ALL	635947.19	4280327.49	2.5219E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7931E-06	0.00E+00
187	ALL	635928.01	4280327.45	2.4051E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5249E-06	0.00E+00
188	ALL	635908.83	4280327.40	2.2830E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2443E-06	0.00E+00
189	ALL	635889.65	4280327.36	2.1658E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9751E-06	0.00E+00
190	ALL	636023.97	4280307.68	2.2164E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0914E-06	0.00E+00
191	ALL	636004.78	4280307.63	2.2452E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1575E-06	0.00E+00
192	ALL	635985.60	4280307.59	2.2091E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0747E-06	0.00E+00
193	ALL	635966.42	4280307.54	2.1421E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9207E-06	0.00E+00
194	ALL	635947.24	4280307.49	2.0639E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7409E-06	0.00E+00
195	ALL	635928.06	4280307.45	1.9789E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5459E-06	0.00E+00
196	ALL	635908.88	4280307.40	1.8909E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3435E-06	0.00E+00
197	ALL	635889.70	4280307.36	1.8086E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1545E-06	0.00E+00
198	ALL	636024.01	4280287.68	1.8786E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3154E-06	0.00E+00
199	ALL	636004.83	4280287.63	1.8801E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3188E-06	0.00E+00
200	ALL	635985.65	4280287.59	1.8434E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2345E-06	0.00E+00
201	ALL	635966.47	4280287.54	1.7889E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1094E-06	0.00E+00
202	ALL	635947.29	4280287.49	1.7282E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9698E-06	0.00E+00
203	ALL	635928.11	4280287.45	1.6642E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8228E-06	0.00E+00
204	ALL	635908.93	4280287.40	1.5992E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6736E-06	0.00E+00
205	ALL	635889.75	4280287.36	1.5385E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5340E-06	0.00E+00
206	ALL	636024.06	4280267.68	1.6126E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7044E-06	0.00E+00
207	ALL	636004.88	4280267.63	1.6010E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6776E-06	0.00E+00
208	ALL	635985.70	4280267.59	1.5668E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5991E-06	0.00E+00
209	ALL	635966.52	4280267.54	1.5224E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4972E-06	0.00E+00
210	ALL	635947.34	4280267.49	1.4739E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3857E-06	0.00E+00
211	ALL	635928.16	4280267.45	1.4243E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2719E-06	0.00E+00
212	ALL	635908.98	4280267.40	1.3757E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1602E-06	0.00E+00
213	ALL	635889.79	4280267.36	1.3297E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0544E-06	0.00E+00
214	ALL	636024.11	4280247.68	1.3989E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2135E-06	0.00E+00
215	ALL	636004.93	4280247.63	1.3820E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1746E-06	0.00E+00
216	ALL	635985.75	4280247.59	1.3512E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1039E-06	0.00E+00
217	ALL	635966.57	4280247.54	1.3145E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0196E-06	0.00E+00

218	ALL	635947.39	4280247.49	1.2753E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9296E-06	0.00E+00
219	ALL	635928.20	4280247.45	1.2364E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8401E-06	0.00E+00
220	ALL	635909.02	4280247.40	1.1992E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7547E-06	0.00E+00
221	ALL	635889.84	4280247.36	1.1632E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6719E-06	0.00E+00
222	ALL	636024.16	4280227.68	1.2259E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8159E-06	0.00E+00
223	ALL	636004.98	4280227.63	1.2073E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7733E-06	0.00E+00
224	ALL	635985.80	4280227.59	1.1800E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7106E-06	0.00E+00
225	ALL	635966.61	4280227.54	1.1493E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6401E-06	0.00E+00
226	ALL	635947.43	4280227.49	1.1173E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5665E-06	0.00E+00
227	ALL	635928.25	4280227.45	1.0862E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4951E-06	0.00E+00
228	ALL	635909.07	4280227.40	1.0570E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4280E-06	0.00E+00
229	ALL	635889.89	4280227.36	1.0281E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3617E-06	0.00E+00
230	ALL	636078.79	4280184.57	9.4854E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1789E-06	0.00E+00
231	ALL	636111.11	4280198.16	9.5411E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1917E-06	0.00E+00
232	ALL	636143.42	4280211.76	9.0499E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0789E-06	0.00E+00
233	ALL	636175.73	4280225.35	8.1913E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8816E-06	0.00E+00
234	ALL	636208.04	4280238.94	7.1965E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6531E-06	0.00E+00
235	ALL	636246.86	4280268.81	6.0314E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3855E-06	0.00E+00
236	ALL	636259.89	4280301.35	5.6117E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2891E-06	0.00E+00
237	ALL	636272.92	4280333.89	5.1406E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1808E-06	0.00E+00
238	ALL	636285.95	4280366.44	4.6849E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0762E-06	0.00E+00
239	ALL	636298.98	4280398.98	4.2823E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8369E-07	0.00E+00
240	ALL	636043.46	4280177.72	9.2589E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1269E-06	0.00E+00
241	ALL	636024.28	4280177.68	9.1480E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1014E-06	0.00E+00
242	ALL	636005.10	4280177.63	8.9778E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0623E-06	0.00E+00
243	ALL	635985.92	4280177.59	8.7765E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0161E-06	0.00E+00
244	ALL	635966.73	4280177.54	8.5621E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9668E-06	0.00E+00
245	ALL	635947.55	4280177.49	8.3667E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9219E-06	0.00E+00
246	ALL	635928.37	4280177.45	8.1818E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8795E-06	0.00E+00
247	ALL	635909.19	4280177.40	8.0025E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8383E-06	0.00E+00
248	ALL	635890.01	4280177.36	7.8262E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7978E-06	0.00E+00
249	ALL	635870.83	4280177.31	7.6488E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7570E-06	0.00E+00
250	ALL	636079.16	4280134.67	7.5133E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7259E-06	0.00E+00
251	ALL	636111.97	4280148.48	7.7989E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7915E-06	0.00E+00
252	ALL	636144.78	4280162.28	7.7064E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7703E-06	0.00E+00
253	ALL	636177.59	4280176.08	7.2770E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6716E-06	0.00E+00
254	ALL	636210.39	4280189.89	6.6179E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5202E-06	0.00E+00
255	ALL	636243.20	4280203.69	5.8949E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3541E-06	0.00E+00
256	ALL	636282.63	4280234.01	5.0232E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1539E-06	0.00E+00
257	ALL	636295.86	4280267.06	4.7442E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0898E-06	0.00E+00
258	ALL	636309.09	4280300.10	4.3950E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0096E-06	0.00E+00
259	ALL	636322.32	4280333.14	4.0376E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2748E-07	0.00E+00
260	ALL	636335.55	4280366.19	3.7105E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5234E-07	0.00E+00
261	ALL	636348.78	4280399.23	3.4251E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8678E-07	0.00E+00
262	ALL	636043.58	4280127.72	7.1959E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6530E-06	0.00E+00
263	ALL	636024.40	4280127.68	7.0822E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6269E-06	0.00E+00
264	ALL	636005.22	4280127.63	6.9462E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5956E-06	0.00E+00
265	ALL	635986.04	4280127.59	6.8029E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5627E-06	0.00E+00
266	ALL	635966.85	4280127.54	6.6608E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5301E-06	0.00E+00
267	ALL	635947.67	4280127.49	6.5289E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4998E-06	0.00E+00
268	ALL	635928.49	4280127.45	6.4052E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4713E-06	0.00E+00
269	ALL	635909.31	4280127.40	6.2878E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4444E-06	0.00E+00
270	ALL	635890.13	4280127.36	6.1694E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4172E-06	0.00E+00
271	ALL	635870.95	4280127.31	6.0483E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3894E-06	0.00E+00
272	ALL	636079.47	4280084.75	6.1017E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4016E-06	0.00E+00
273	ALL	636096.05	4280091.73	6.2881E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4444E-06	0.00E+00
274	ALL	636129.22	4280105.68	6.5128E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4961E-06	0.00E+00
275	ALL	636162.40	4280119.64	6.4820E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4890E-06	0.00E+00
276	ALL	636178.98	4280126.62	6.3713E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4636E-06	0.00E+00
277	ALL	636212.15	4280140.58	5.9964E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3774E-06	0.00E+00
278	ALL	636228.74	4280147.55	5.7555E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3221E-06	0.00E+00
279	ALL	636261.91	4280161.51	5.2202E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1991E-06	0.00E+00
280	ALL	636295.09	4280175.47	4.6608E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0706E-06	0.00E+00
281	ALL	636318.36	4280199.15	4.2957E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8677E-07	0.00E+00
282	ALL	636325.05	4280215.86	4.1865E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6169E-07	0.00E+00
283	ALL	636338.43	4280249.27	3.9431E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0579E-07	0.00E+00
284	ALL	636351.80	4280282.68	3.6710E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4326E-07	0.00E+00
285	ALL	636358.49	4280299.38	3.5323E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1141E-07	0.00E+00
286	ALL	636371.87	4280332.79	3.2660E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5023E-07	0.00E+00
287	ALL	636385.25	4280366.20	3.0255E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9500E-07	0.00E+00
288	ALL	636391.93	4280382.91	2.9166E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6997E-07	0.00E+00
289	ALL	636043.70	4280077.73	5.8041E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3333E-06	0.00E+00
290	ALL	636024.52	4280077.68	5.7050E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3105E-06	0.00E+00
291	ALL	636005.34	4280077.63	5.5981E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2860E-06	0.00E+00
292	ALL	635986.16	4280077.59	5.4895E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2610E-06	0.00E+00
293	ALL	635966.97	4280077.54	5.3819E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2363E-06	0.00E+00
294	ALL	635947.79	4280077.50	5.2790E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2126E-06	0.00E+00

295	ALL	635928.61	4280077.45	5.1800E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1899E-06	0.00E+00
296	ALL	635909.43	4280077.40	5.0835E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1677E-06	0.00E+00
297	ALL	635890.25	4280077.36	4.9927E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1469E-06	0.00E+00
298	ALL	635871.07	4280077.31	4.9015E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1259E-06	0.00E+00
299	ALL	636079.72	4280034.81	5.0280E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1550E-06	0.00E+00
300	ALL	636096.45	4280041.85	5.1979E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1940E-06	0.00E+00
301	ALL	636113.18	4280048.88	5.3444E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2277E-06	0.00E+00
302	ALL	636129.90	4280055.92	5.4586E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2539E-06	0.00E+00
303	ALL	636146.63	4280062.96	5.5314E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2706E-06	0.00E+00
304	ALL	636163.35	4280069.99	5.5571E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2765E-06	0.00E+00
305	ALL	636180.08	4280077.03	5.5348E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2714E-06	0.00E+00
306	ALL	636196.80	4280084.07	5.4667E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2558E-06	0.00E+00
307	ALL	636213.53	4280091.10	5.3567E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2305E-06	0.00E+00
308	ALL	636230.25	4280098.14	5.2123E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1973E-06	0.00E+00
309	ALL	636246.98	4280105.18	5.0407E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1579E-06	0.00E+00
310	ALL	636263.71	4280112.21	4.8491E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1139E-06	0.00E+00
311	ALL	636280.43	4280119.25	4.6442E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0668E-06	0.00E+00
312	ALL	636297.16	4280126.29	4.4312E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0179E-06	0.00E+00
313	ALL	636313.88	4280133.33	4.2145E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6811E-07	0.00E+00
314	ALL	636330.61	4280140.36	3.9977E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1832E-07	0.00E+00
315	ALL	636354.08	4280164.24	3.7187E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.5423E-07	0.00E+00
316	ALL	636360.82	4280181.09	3.6394E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3602E-07	0.00E+00
317	ALL	636367.57	4280197.94	3.5489E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1523E-07	0.00E+00
318	ALL	636374.31	4280214.78	3.4491E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9230E-07	0.00E+00
319	ALL	636387.80	4280248.47	3.2324E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4253E-07	0.00E+00
320	ALL	636394.55	4280265.32	3.1209E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1691E-07	0.00E+00
321	ALL	636408.04	4280299.01	2.9040E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6708E-07	0.00E+00
322	ALL	636414.78	4280315.85	2.8004E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4329E-07	0.00E+00
323	ALL	636428.27	4280349.54	2.6065E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9874E-07	0.00E+00
324	ALL	636435.02	4280366.39	2.5181E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7844E-07	0.00E+00
325	ALL	636448.51	4280400.08	2.3594E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4197E-07	0.00E+00
326	ALL	636455.25	4280416.93	2.2873E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2542E-07	0.00E+00
327	ALL	636063.00	4280027.77	4.8452E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1130E-06	0.00E+00
328	ALL	636043.82	4280027.73	4.7703E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0958E-06	0.00E+00
329	ALL	636024.64	4280027.68	4.6881E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0769E-06	0.00E+00
330	ALL	636005.46	4280027.63	4.6030E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0574E-06	0.00E+00
331	ALL	635986.28	4280027.59	4.5200E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0383E-06	0.00E+00
332	ALL	635967.09	4280027.54	4.4409E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0201E-06	0.00E+00
333	ALL	635947.91	4280027.50	4.3658E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0029E-06	0.00E+00
334	ALL	635928.73	4280027.45	4.2921E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.8594E-07	0.00E+00
335	ALL	635909.55	4280027.40	4.2157E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6840E-07	0.00E+00
336	ALL	635890.37	4280027.36	4.1413E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5129E-07	0.00E+00
337	ALL	635871.19	4280027.31	4.0660E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3401E-07	0.00E+00
338	ALL	635836.49	4280400.68	4.6593E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0703E-05	0.00E+00
339	ALL	635827.14	4280470.21	5.0325E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1560E-05	0.00E+00
340	ALL	635829.98	4280480.92	5.1087E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1735E-05	0.00E+00
341	ALL	635839.41	4280499.09	6.0815E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3970E-05	0.00E+00
342	ALL	635816.50	4280400.44	4.3801E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0062E-05	0.00E+00
343	ALL	635840.37	4280382.17	3.4591E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9459E-06	0.00E+00
344	ALL	635797.11	4280396.86	3.9035E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.9667E-06	0.00E+00
345	ALL	635797.48	4280385.56	3.2330E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.4265E-06	0.00E+00
346	ALL	635841.52	4280367.92	2.8785E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6122E-06	0.00E+00
347	ALL	635773.73	4280405.27	4.4438E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0208E-05	0.00E+00
348	ALL	635775.72	4280387.16	3.1610E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2612E-06	0.00E+00
349	ALL	635792.28	4280362.06	2.3606E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4225E-06	0.00E+00
350	ALL	635817.64	4280348.90	2.1898E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0302E-06	0.00E+00
351	ALL	635839.50	4280350.51	2.3594E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4199E-06	0.00E+00
352	ALL	635852.86	4280334.51	2.0950E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8125E-06	0.00E+00
353	ALL	635776.21	4280445.39	4.8923E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1238E-05	0.00E+00
354	ALL	635772.82	4280469.22	3.7680E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6556E-06	0.00E+00
355	ALL	635758.17	4280491.69	3.0573E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.0230E-06	0.00E+00
356	ALL	635753.74	4280397.23	3.6184E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3120E-06	0.00E+00
357	ALL	635771.69	4280375.46	2.6509E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0895E-06	0.00E+00
358	ALL	635778.84	4280358.66	2.2076E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0711E-06	0.00E+00
359	ALL	635802.89	4280334.94	1.8579E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2678E-06	0.00E+00
360	ALL	635819.80	4280328.03	1.8223E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1860E-06	0.00E+00
361	ALL	635836.71	4280321.13	1.7899E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1116E-06	0.00E+00
362	ALL	635839.94	4280310.27	1.6524E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7958E-06	0.00E+00
363	ALL	635755.69	4280448.51	4.4938E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0323E-05	0.00E+00
364	ALL	635749.78	4280464.42	3.6839E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4623E-06	0.00E+00
365	ALL	635749.55	4280483.70	3.1222E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1720E-06	0.00E+00
366	ALL	635733.24	4280405.96	4.2515E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7662E-06	0.00E+00
367	ALL	635751.09	4280376.62	2.5865E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9415E-06	0.00E+00
368	ALL	635765.00	4280343.95	1.8530E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2564E-06	0.00E+00
369	ALL	635788.38	4280320.89	1.6011E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6780E-06	0.00E+00
370	ALL	635840.70	4280291.97	1.4432E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3151E-06	0.00E+00
371	ALL	635730.01	4280444.91	4.5637E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0483E-05	0.00E+00
372	ALL	635729.78	4280464.18	3.5452E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1438E-06	0.00E+00
373	ALL	635729.55	4280483.46	2.9565E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7913E-06	0.00E+00
374	ALL	635712.14	4280390.80	3.0216E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.9409E-06	0.00E+00

375	ALL	635730.67	4280377.39	2.5225E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7944E-06	0.00E+00
376	ALL	635744.29	4280345.38	1.8020E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1395E-06	0.00E+00
377	ALL	635774.01	4280306.79	1.3979E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2111E-06	0.00E+00
378	ALL	635828.08	4280291.80	1.4049E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2271E-06	0.00E+00
379	ALL	635841.45	4280272.88	1.2670E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9104E-06	0.00E+00
380	ALL	635710.01	4280444.67	4.4741E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0278E-05	0.00E+00
381	ALL	635709.78	4280463.95	3.4336E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8874E-06	0.00E+00
382	ALL	635721.44	4280475.72	3.1037E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1296E-06	0.00E+00
383	ALL	635656.66	4280398.30	3.2917E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5614E-06	0.00E+00
384	ALL	635710.35	4280377.90	2.4605E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.6521E-06	0.00E+00
385	ALL	635723.76	4280346.39	1.7511E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0226E-06	0.00E+00
386	ALL	635737.16	4280314.88	1.3791E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1681E-06	0.00E+00
387	ALL	635759.72	4280292.65	1.2328E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8319E-06	0.00E+00
388	ALL	635791.41	4280279.69	1.2049E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7679E-06	0.00E+00
389	ALL	635823.11	4280273.73	1.2317E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8293E-06	0.00E+00
390	ALL	635690.01	4280444.43	4.3999E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0107E-05	0.00E+00
391	ALL	635689.78	4280463.71	3.3432E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6796E-06	0.00E+00
392	ALL	635689.55	4280482.98	2.7269E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2639E-06	0.00E+00
393	ALL	635689.09	4280521.52	2.0748E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7660E-06	0.00E+00
394	ALL	635688.86	4280540.80	1.8905E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3428E-06	0.00E+00
395	ALL	635688.63	4280560.07	1.7553E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0321E-06	0.00E+00
396	ALL	635688.40	4280579.34	1.6558E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8036E-06	0.00E+00
397	ALL	635675.88	4280398.89	3.3952E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.7991E-06	0.00E+00
398	ALL	635685.14	4280389.91	2.8780E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6110E-06	0.00E+00
399	ALL	635694.14	4280378.61	2.4280E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5774E-06	0.00E+00
400	ALL	635700.03	4280354.90	1.8308E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2055E-06	0.00E+00
401	ALL	635707.48	4280337.40	1.5658E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5968E-06	0.00E+00
402	ALL	635714.93	4280319.89	1.3733E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1547E-06	0.00E+00
403	ALL	635722.38	4280302.38	1.2253E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8147E-06	0.00E+00
404	ALL	635747.44	4280277.68	1.0938E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5126E-06	0.00E+00
405	ALL	635765.05	4280270.49	1.0822E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4860E-06	0.00E+00
406	ALL	635782.66	4280263.29	1.0711E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4605E-06	0.00E+00
407	ALL	635800.27	4280256.09	1.0595E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4338E-06	0.00E+00
408	ALL	635817.88	4280248.90	1.0467E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4043E-06	0.00E+00
409	ALL	635835.49	4280241.70	1.0324E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3715E-06	0.00E+00
410	ALL	635853.10	4280234.51	1.0166E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3353E-06	0.00E+00
411	ALL	635670.01	4280444.20	4.3410E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.9718E-06	0.00E+00
412	ALL	635669.78	4280463.47	3.2696E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.5106E-06	0.00E+00
413	ALL	635669.55	4280482.74	2.6437E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0730E-06	0.00E+00
414	ALL	635669.32	4280502.01	2.2453E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1577E-06	0.00E+00
415	ALL	635669.09	4280521.29	1.9788E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5456E-06	0.00E+00
416	ALL	635668.86	4280540.56	1.7898E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1114E-06	0.00E+00
417	ALL	635668.63	4280559.83	1.6498E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7897E-06	0.00E+00
418	ALL	635666.89	4280597.02	1.4640E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3629E-06	0.00E+00
419	ALL	635622.01	4280398.81	3.2176E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3912E-06	0.00E+00
420	ALL	635643.92	4280397.32	3.1838E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.3134E-06	0.00E+00
421	ALL	635642.59	4280371.81	2.0655E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7448E-06	0.00E+00
422	ALL	635650.04	4280354.30	1.6820E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8637E-06	0.00E+00
423	ALL	635657.49	4280336.80	1.4267E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2774E-06	0.00E+00
424	ALL	635664.93	4280319.29	1.2446E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8589E-06	0.00E+00
425	ALL	635672.38	4280301.79	1.1070E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5430E-06	0.00E+00
426	ALL	635679.83	4280284.28	9.9830E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2932E-06	0.00E+00
427	ALL	635697.91	4280259.18	8.8917E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0425E-06	0.00E+00
428	ALL	635712.34	4280242.08	8.3203E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9113E-06	0.00E+00
429	ALL	635735.72	4280247.03	8.9458E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0550E-06	0.00E+00
430	ALL	635747.56	4280227.68	8.2385E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8925E-06	0.00E+00
431	ALL	635756.66	4280202.26	7.3548E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6895E-06	0.00E+00
432	ALL	635783.38	4280199.62	7.5845E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7422E-06	0.00E+00
433	ALL	635800.39	4280206.09	8.0456E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8482E-06	0.00E+00
434	ALL	635818.00	4280198.90	7.9591E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8283E-06	0.00E+00
435	ALL	635835.61	4280191.70	7.8614E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8058E-06	0.00E+00
436	ALL	635853.22	4280184.51	7.7562E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7817E-06	0.00E+00
437	ALL	635620.02	4280443.60	4.2339E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7258E-06	0.00E+00
438	ALL	635619.79	4280462.87	3.1275E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1843E-06	0.00E+00
439	ALL	635619.56	4280482.14	2.4828E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7033E-06	0.00E+00
440	ALL	635619.33	4280501.42	2.0719E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.7594E-06	0.00E+00
441	ALL	635619.10	4280520.69	1.7967E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.1272E-06	0.00E+00
442	ALL	635618.87	4280539.96	1.6006E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6767E-06	0.00E+00
443	ALL	635618.64	4280559.23	1.4543E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3408E-06	0.00E+00
444	ALL	635618.41	4280578.51	1.3439E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0871E-06	0.00E+00
445	ALL	635577.70	4280406.22	3.6954E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.4889E-06	0.00E+00
446	ALL	635585.15	4280388.72	2.5130E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7726E-06	0.00E+00
447	ALL	635592.59	4280371.21	1.9005E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3657E-06	0.00E+00
448	ALL	635600.04	4280353.71	1.5316E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5182E-06	0.00E+00
449	ALL	635607.49	4280336.20	1.2877E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9579E-06	0.00E+00
450	ALL	635614.94	4280318.70	1.1151E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5616E-06	0.00E+00
451	ALL	635622.39	4280301.19	9.8681E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2668E-06	0.00E+00
452	ALL	635629.83	4280283.69	8.8744E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0385E-06	0.00E+00
453	ALL	635637.28	4280266.18	8.0780E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8556E-06	0.00E+00
454	ALL	635644.73	4280248.67	7.4223E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7050E-06	0.00E+00
455	ALL	635652.18	4280231.17	6.8688E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5779E-06	0.00E+00
456	ALL	635677.23	4280206.47	6.4279E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4766E-06	0.00E+00

457	ALL	635694.84	4280199.27	6.4475E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4811E-06	0.00E+00
458	ALL	635712.45	4280192.08	6.4566E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4832E-06	0.00E+00
459	ALL	635730.07	4280184.88	6.4527E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4823E-06	0.00E+00
460	ALL	635747.68	4280177.68	6.4362E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4785E-06	0.00E+00
461	ALL	635765.29	4280170.49	6.4081E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4720E-06	0.00E+00
462	ALL	635782.90	4280163.29	6.3693E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4631E-06	0.00E+00
463	ALL	635800.51	4280156.10	6.3213E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4521E-06	0.00E+00
464	ALL	635818.12	4280148.90	6.2643E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4390E-06	0.00E+00
465	ALL	635835.73	4280141.70	6.1985E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4239E-06	0.00E+00
466	ALL	635853.34	4280134.51	6.1262E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4073E-06	0.00E+00
467	ALL	635570.02	4280443.00	4.1233E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4718E-06	0.00E+00
468	ALL	635569.79	4280462.28	2.9897E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8676E-06	0.00E+00
469	ALL	635569.56	4280481.55	2.3348E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3632E-06	0.00E+00
470	ALL	635569.33	4280500.82	1.9201E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4106E-06	0.00E+00
471	ALL	635569.10	4280520.09	1.6430E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7741E-06	0.00E+00
472	ALL	635568.87	4280539.37	1.4465E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3229E-06	0.00E+00
473	ALL	635568.64	4280558.64	1.3012E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9890E-06	0.00E+00
474	ALL	635568.41	4280577.91	1.1901E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7339E-06	0.00E+00
475	ALL	635527.70	4280405.63	3.3286E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6462E-06	0.00E+00
476	ALL	635535.15	4280388.12	2.2118E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0807E-06	0.00E+00
477	ALL	635542.60	4280370.62	1.6466E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7823E-06	0.00E+00
478	ALL	635550.05	4280353.11	1.3139E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0181E-06	0.00E+00
479	ALL	635557.49	4280335.61	1.0994E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5255E-06	0.00E+00
480	ALL	635564.94	4280318.10	9.5080E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1841E-06	0.00E+00
481	ALL	635572.39	4280300.59	8.4164E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9333E-06	0.00E+00
482	ALL	635579.84	4280283.09	7.5883E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7431E-06	0.00E+00
483	ALL	635587.28	4280265.58	6.9337E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5927E-06	0.00E+00
484	ALL	635594.73	4280248.08	6.4005E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4703E-06	0.00E+00
485	ALL	635602.18	4280230.57	5.9512E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3671E-06	0.00E+00
486	ALL	635609.63	4280213.07	5.5658E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2785E-06	0.00E+00
487	ALL	635617.07	4280195.56	5.2290E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2012E-06	0.00E+00
488	ALL	635642.13	4280170.86	5.0015E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1489E-06	0.00E+00
489	ALL	635659.74	4280163.66	5.0580E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1619E-06	0.00E+00
490	ALL	635677.35	4280156.47	5.1008E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1717E-06	0.00E+00
491	ALL	635694.96	4280149.27	5.1303E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1785E-06	0.00E+00
492	ALL	635712.57	4280142.08	5.1530E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1837E-06	0.00E+00
493	ALL	635730.19	4280134.88	5.1632E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1860E-06	0.00E+00
494	ALL	635747.80	4280127.68	5.1596E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1852E-06	0.00E+00
495	ALL	635765.41	4280120.49	5.1454E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1820E-06	0.00E+00
496	ALL	635783.02	4280113.29	5.1232E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1769E-06	0.00E+00
497	ALL	635800.63	4280106.10	5.0933E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1700E-06	0.00E+00
498	ALL	635818.24	4280098.90	5.0546E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1611E-06	0.00E+00
499	ALL	635835.85	4280091.70	5.0062E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1500E-06	0.00E+00
500	ALL	635853.46	4280084.51	4.9537E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1379E-06	0.00E+00
501	ALL	635520.02	4280442.41	3.8714E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.8930E-06	0.00E+00
502	ALL	635519.79	4280461.68	2.7323E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2764E-06	0.00E+00
503	ALL	635519.56	4280480.95	2.0958E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8144E-06	0.00E+00
504	ALL	635519.33	4280500.22	1.7039E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9140E-06	0.00E+00
505	ALL	635519.10	4280519.50	1.4442E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3176E-06	0.00E+00
506	ALL	635518.87	4280538.77	1.2628E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9008E-06	0.00E+00
507	ALL	635518.64	4280558.04	1.1302E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5962E-06	0.00E+00
508	ALL	635518.41	4280577.31	1.0298E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3655E-06	0.00E+00
509	ALL	635477.71	4280405.03	1.6141E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7077E-06	0.00E+00
510	ALL	635485.15	4280387.53	1.3021E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9912E-06	0.00E+00
511	ALL	635492.60	4280370.02	1.0765E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4728E-06	0.00E+00
512	ALL	635500.05	4280352.51	9.2034E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1141E-06	0.00E+00
513	ALL	635507.50	4280335.01	8.0788E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8558E-06	0.00E+00
514	ALL	635514.94	4280317.50	7.2383E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6627E-06	0.00E+00
515	ALL	635522.39	4280300.00	6.5882E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5134E-06	0.00E+00
516	ALL	635529.84	4280282.49	6.0678E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3938E-06	0.00E+00
517	ALL	635537.29	4280264.99	5.6400E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2956E-06	0.00E+00
518	ALL	635544.74	4280247.48	5.2823E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2134E-06	0.00E+00
519	ALL	635552.18	4280229.98	4.9740E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1426E-06	0.00E+00
520	ALL	635559.63	4280212.47	4.7025E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0802E-06	0.00E+00
521	ALL	635567.08	4280194.96	4.4611E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0248E-06	0.00E+00
522	ALL	635574.53	4280177.46	4.2432E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7470E-07	0.00E+00
523	ALL	635581.97	4280159.95	4.0437E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2890E-07	0.00E+00
524	ALL	635607.03	4280135.25	3.9379E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0457E-07	0.00E+00
525	ALL	635624.64	4280128.06	4.0064E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2031E-07	0.00E+00
526	ALL	635642.25	4280120.86	4.0654E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3388E-07	0.00E+00
527	ALL	635659.86	4280113.66	4.1153E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4534E-07	0.00E+00
528	ALL	635677.47	4280106.47	4.1575E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5502E-07	0.00E+00
529	ALL	635695.08	4280099.27	4.1903E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6257E-07	0.00E+00
530	ALL	635712.69	4280092.08	4.2106E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6722E-07	0.00E+00
531	ALL	635730.31	4280084.88	4.2201E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6940E-07	0.00E+00
532	ALL	635747.92	4280077.68	4.2194E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6924E-07	0.00E+00
533	ALL	635765.53	4280070.49	4.2140E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6801E-07	0.00E+00
534	ALL	635783.14	4280063.29	4.2014E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6512E-07	0.00E+00
535	ALL	635800.75	4280056.10	4.1803E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6026E-07	0.00E+00
536	ALL	635818.36	4280048.90	4.1562E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5472E-07	0.00E+00
537	ALL	635835.97	4280041.70	4.1293E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4856E-07	0.00E+00
538	ALL	635853.58	4280034.51	4.0989E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4156E-07	0.00E+00

539	ALL	635470.26	4280422.54	1.7010E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9074E-06	0.00E+00
540	ALL	635470.03	4280441.81	1.8481E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2454E-06	0.00E+00
541	ALL	635469.80	4280461.08	1.6210E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7237E-06	0.00E+00
542	ALL	635469.57	4280480.35	1.3844E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1801E-06	0.00E+00
543	ALL	635469.34	4280499.63	1.2040E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7657E-06	0.00E+00
544	ALL	635469.11	4280518.90	1.0692E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4562E-06	0.00E+00
545	ALL	635468.88	4280538.17	9.6689E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2211E-06	0.00E+00
546	ALL	635468.65	4280557.44	8.8727E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0382E-06	0.00E+00
547	ALL	635468.42	4280576.72	8.2388E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8925E-06	0.00E+00
548	ALL	635886.10	4280609.90	8.6901E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9962E-05	0.00E+00
549	ALL	635773.49	4280682.94	2.6519E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.0916E-06	0.00E+00
550	ALL	635887.67	4280641.44	7.1589E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6445E-05	0.00E+00
551	ALL	635833.98	4280668.93	5.8789E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3504E-05	0.00E+00
552	ALL	635834.92	4280644.02	6.2682E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4399E-05	0.00E+00
553	ALL	635810.32	4280644.73	4.1944E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6351E-06	0.00E+00
554	ALL	635825.86	4280663.71	5.1355E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1797E-05	0.00E+00
555	ALL	635791.86	4280644.84	3.3212E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.6291E-06	0.00E+00
556	ALL	635887.77	4280681.44	6.0206E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3830E-05	0.00E+00
557	ALL	635906.90	4280681.40	4.8700E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1187E-05	0.00E+00
558	ALL	635926.04	4280681.35	4.1858E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.6152E-06	0.00E+00
559	ALL	635955.81	4280712.00	2.8599E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5695E-06	0.00E+00
560	ALL	635834.46	4280687.27	5.7504E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3209E-05	0.00E+00
561	ALL	635817.35	4280680.16	4.3872E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0078E-05	0.00E+00
562	ALL	635800.24	4280673.05	3.5575E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1720E-06	0.00E+00
563	ALL	635776.19	4280648.76	2.7915E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.4124E-06	0.00E+00
564	ALL	635774.10	4280641.00	2.7411E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2966E-06	0.00E+00
565	ALL	635868.68	4280701.49	7.9833E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8339E-05	0.00E+00
566	ALL	635887.81	4280701.44	5.6246E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2920E-05	0.00E+00
567	ALL	635905.13	4280693.80	4.6801E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0751E-05	0.00E+00
568	ALL	635926.08	4280701.35	3.7717E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6641E-06	0.00E+00
569	ALL	635835.46	4280707.66	5.6667E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3017E-05	0.00E+00
570	ALL	635802.19	4280693.84	3.5359E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1225E-06	0.00E+00
571	ALL	635785.56	4280686.93	2.9756E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.8352E-06	0.00E+00
572	ALL	635762.17	4280663.31	2.4205E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.5601E-06	0.00E+00
573	ALL	635755.42	4280646.61	2.2946E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.2710E-06	0.00E+00
574	ALL	635868.73	4280721.49	7.6144E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7491E-05	0.00E+00
575	ALL	635887.86	4280721.44	5.2981E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.2170E-05	0.00E+00
576	ALL	635907.00	4280721.40	4.1180E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.4596E-06	0.00E+00
577	ALL	635926.13	4280721.35	3.4425E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.9077E-06	0.00E+00
578	ALL	635945.27	4280721.31	2.9593E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7977E-06	0.00E+00
579	ALL	635964.40	4280721.26	2.5643E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8904E-06	0.00E+00
580	ALL	635841.09	4280734.22	6.1901E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4219E-05	0.00E+00
581	ALL	635819.89	4280721.17	4.2542E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.7724E-06	0.00E+00
582	ALL	635773.03	4280707.93	2.5755E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9162E-06	0.00E+00
583	ALL	635748.10	4280677.73	2.1288E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.8900E-06	0.00E+00
584	ALL	635734.87	4280645.01	1.9503E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4800E-06	0.00E+00
585	ALL	635893.08	4280742.36	4.6001E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0567E-05	0.00E+00
586	ALL	635901.58	4280746.87	4.0320E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.2620E-06	0.00E+00
587	ALL	635926.18	4280741.35	3.1713E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.2848E-06	0.00E+00
588	ALL	635945.31	4280741.31	2.7084E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2215E-06	0.00E+00
589	ALL	635964.45	4280741.26	2.3422E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3802E-06	0.00E+00
590	ALL	635983.58	4280741.21	2.0299E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6630E-06	0.00E+00
591	ALL	636002.72	4280741.17	1.7576E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0374E-06	0.00E+00
592	ALL	636021.85	4280741.12	1.5199E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4913E-06	0.00E+00
593	ALL	636040.99	4280741.08	1.3162E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0236E-06	0.00E+00
594	ALL	636060.12	4280741.03	1.1432E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6261E-06	0.00E+00
595	ALL	635841.39	4280754.33	6.0974E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4006E-05	0.00E+00
596	ALL	635820.70	4280741.49	4.1712E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.5817E-06	0.00E+00
597	ALL	635788.62	4280728.16	2.9079E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6798E-06	0.00E+00
598	ALL	635756.55	4280714.83	2.2186E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0964E-06	0.00E+00
599	ALL	635733.99	4280692.06	1.8945E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3519E-06	0.00E+00
600	ALL	635708.00	4280660.42	1.6198E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7209E-06	0.00E+00
601	ALL	635705.69	4280647.94	1.6123E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7036E-06	0.00E+00
602	ALL	635887.96	4280761.44	4.7832E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0987E-05	0.00E+00
603	ALL	635907.09	4280761.40	3.6071E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2858E-06	0.00E+00
604	ALL	635926.23	4280761.35	2.9470E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7696E-06	0.00E+00
605	ALL	635945.36	4280761.31	2.4986E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7395E-06	0.00E+00
606	ALL	635964.50	4280761.26	2.1534E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9466E-06	0.00E+00
607	ALL	635983.63	4280761.21	1.8673E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.2893E-06	0.00E+00
608	ALL	636002.77	4280761.17	1.6224E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7269E-06	0.00E+00
609	ALL	636021.90	4280761.12	1.4111E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2415E-06	0.00E+00
610	ALL	636041.04	4280761.08	1.2296E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8246E-06	0.00E+00
611	ALL	635821.35	4280761.74	4.0890E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.3929E-06	0.00E+00
612	ALL	635789.66	4280748.57	2.8507E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.5483E-06	0.00E+00
613	ALL	635757.98	4280735.40	2.1987E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0506E-06	0.00E+00
614	ALL	635714.40	4280716.96	1.6302E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7447E-06	0.00E+00
615	ALL	635708.41	4280671.99	1.6118E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7025E-06	0.00E+00
616	ALL	635689.58	4280655.47	1.4677E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.3714E-06	0.00E+00
617	ALL	635690.08	4280597.55	1.5974E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6694E-06	0.00E+00
618	ALL	635888.01	4280781.44	4.5741E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0507E-05	0.00E+00
619	ALL	635907.14	4280781.40	3.4052E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.8222E-06	0.00E+00
620	ALL	635926.28	4280781.35	2.7541E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3265E-06	0.00E+00

621	ALL	635945.41	4280781.31	2.3183E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.3255E-06	0.00E+00
622	ALL	635964.55	4280781.26	1.9904E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5721E-06	0.00E+00
623	ALL	635983.68	4280781.21	1.7256E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9640E-06	0.00E+00
624	ALL	636002.82	4280781.17	1.5033E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4532E-06	0.00E+00
625	ALL	636021.95	4280781.12	1.3136E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0175E-06	0.00E+00
626	ALL	636041.09	4280781.08	1.1507E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6434E-06	0.00E+00
627	ALL	636060.22	4280781.03	1.0113E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3232E-06	0.00E+00
628	ALL	635820.39	4280811.29	3.7770E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6761E-06	0.00E+00
629	ALL	635787.98	4280797.82	2.6055E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.9851E-06	0.00E+00
630	ALL	635750.92	4280794.84	1.9324E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.4391E-06	0.00E+00
631	ALL	635723.18	4280770.89	1.6499E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7900E-06	0.00E+00
632	ALL	635684.19	4280741.16	1.3373E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0719E-06	0.00E+00
633	ALL	635671.04	4280708.63	1.2760E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9311E-06	0.00E+00
634	ALL	635657.88	4280676.10	1.2347E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8362E-06	0.00E+00
635	ALL	635644.72	4280643.57	1.2259E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8160E-06	0.00E+00
636	ALL	635646.14	4280597.98	1.3636E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1324E-06	0.00E+00
637	ALL	635819.76	4280860.98	3.5275E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1031E-06	0.00E+00
638	ALL	635786.86	4280847.30	2.3836E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.4754E-06	0.00E+00
639	ALL	635688.15	4280806.28	1.2922E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9683E-06	0.00E+00
640	ALL	635648.57	4280776.09	1.0834E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4887E-06	0.00E+00
641	ALL	635635.21	4280743.06	1.0465E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4039E-06	0.00E+00
642	ALL	635621.85	4280710.03	1.0217E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3469E-06	0.00E+00
643	ALL	635608.49	4280677.00	1.0174E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3372E-06	0.00E+00
644	ALL	635595.13	4280643.97	1.0390E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3868E-06	0.00E+00
645	ALL	635587.85	4280600.01	1.1512E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6445E-06	0.00E+00
646	ALL	635888.25	4280881.44	3.6281E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3341E-06	0.00E+00
647	ALL	635907.38	4280881.40	2.5470E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8508E-06	0.00E+00
648	ALL	635926.52	4280881.35	1.9680E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.5208E-06	0.00E+00
649	ALL	635945.65	4280881.31	1.6147E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7092E-06	0.00E+00
650	ALL	635964.79	4280881.26	1.3746E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1577E-06	0.00E+00
651	ALL	635983.92	4280881.21	1.1963E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7481E-06	0.00E+00
652	ALL	636003.06	4280881.17	1.0556E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4248E-06	0.00E+00
653	ALL	636022.19	4280881.12	9.3971E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1586E-06	0.00E+00
654	ALL	636041.33	4280881.08	8.4146E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9329E-06	0.00E+00
655	ALL	636060.46	4280881.03	7.5685E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7386E-06	0.00E+00
656	ALL	635835.96	4280917.66	4.5402E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0429E-05	0.00E+00
657	ALL	635802.70	4280903.84	2.5617E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.8845E-06	0.00E+00
658	ALL	635786.06	4280896.92	2.1604E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9627E-06	0.00E+00
659	ALL	635769.43	4280890.01	1.8937E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3501E-06	0.00E+00
660	ALL	635752.80	4280883.10	1.6979E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9003E-06	0.00E+00
661	ALL	635736.16	4280876.19	1.5430E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5445E-06	0.00E+00
662	ALL	635702.89	4280862.36	1.3047E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9970E-06	0.00E+00
663	ALL	635686.26	4280855.45	1.2079E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.7746E-06	0.00E+00
664	ALL	635669.63	4280848.53	1.1211E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5754E-06	0.00E+00
665	ALL	635652.99	4280841.62	1.0430E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3959E-06	0.00E+00
666	ALL	635636.36	4280834.71	9.7274E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2345E-06	0.00E+00
667	ALL	635612.97	4280831.10	8.9651E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0594E-06	0.00E+00
668	ALL	635599.46	4280777.70	8.7249E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0042E-06	0.00E+00
669	ALL	635585.96	4280744.30	8.5600E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9663E-06	0.00E+00
670	ALL	635579.20	4280727.60	8.5209E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9573E-06	0.00E+00
671	ALL	635565.69	4280694.20	8.5559E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9654E-06	0.00E+00
672	ALL	635552.19	4280660.81	8.7658E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0136E-06	0.00E+00
673	ALL	635545.43	4280644.11	8.9432E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0544E-06	0.00E+00
674	ALL	635531.01	4280601.60	9.7464E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2389E-06	0.00E+00
675	ALL	635888.37	4280931.44	2.9031E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.6686E-06	0.00E+00
676	ALL	635907.50	4280931.40	2.0097E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6165E-06	0.00E+00
677	ALL	635926.64	4280931.35	1.5741E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.6159E-06	0.00E+00
678	ALL	635945.77	4280931.30	1.3140E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0183E-06	0.00E+00
679	ALL	635964.91	4280931.26	1.1356E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6087E-06	0.00E+00
680	ALL	635984.04	4280931.21	1.0017E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3011E-06	0.00E+00
681	ALL	636003.18	4280931.17	8.9449E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0547E-06	0.00E+00
682	ALL	636022.31	4280931.12	8.0515E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8495E-06	0.00E+00
683	ALL	636041.45	4280931.07	7.2859E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6737E-06	0.00E+00
684	ALL	636060.58	4280931.03	6.6191E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5205E-06	0.00E+00
685	ALL	635852.58	4280974.52	4.4438E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0208E-05	0.00E+00
686	ALL	635835.80	4280967.55	3.5492E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1530E-06	0.00E+00
687	ALL	635819.03	4280960.58	2.7074E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2193E-06	0.00E+00
688	ALL	635802.26	4280953.60	2.2221E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1045E-06	0.00E+00
689	ALL	635785.48	4280946.63	1.9092E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3856E-06	0.00E+00
690	ALL	635768.71	4280939.66	1.6900E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8822E-06	0.00E+00
691	ALL	635751.94	4280932.69	1.5263E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5061E-06	0.00E+00
692	ALL	635735.16	4280925.72	1.3980E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2114E-06	0.00E+00
693	ALL	635718.39	4280918.75	1.2919E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9676E-06	0.00E+00
694	ALL	635684.84	4280904.81	1.1191E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5706E-06	0.00E+00
695	ALL	635668.07	4280897.84	1.0458E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4022E-06	0.00E+00
696	ALL	635651.30	4280890.87	9.7892E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2487E-06	0.00E+00
697	ALL	635634.52	4280883.89	9.1764E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1079E-06	0.00E+00
698	ALL	635617.75	4280876.92	8.6143E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9788E-06	0.00E+00
699	ALL	635600.98	4280869.95	8.0991E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8605E-06	0.00E+00
700	ALL	635577.39	4280846.14	7.5387E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7317E-06	0.00E+00
701	ALL	635563.77	4280812.46	7.3716E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6934E-06	0.00E+00
702	ALL	635556.96	4280795.63	7.3016E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6773E-06	0.00E+00

703	ALL	635543.34	4280761.95	7.2074E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6556E-06	0.00E+00
704	ALL	635536.53	4280745.11	7.1900E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6516E-06	0.00E+00
705	ALL	635522.91	4280711.43	7.2188E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6582E-06	0.00E+00
706	ALL	635516.09	4280694.59	7.2702E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.6700E-06	0.00E+00
707	ALL	635502.47	4280660.91	7.4499E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7113E-06	0.00E+00
708	ALL	635495.66	4280644.07	7.5737E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7398E-06	0.00E+00
709	ALL	635488.85	4280627.23	7.7188E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7731E-06	0.00E+00
710	ALL	635475.23	4280593.56	8.0596E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8514E-06	0.00E+00
711	ALL	635869.35	4280981.49	2.7559E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3306E-06	0.00E+00
712	ALL	635888.49	4280981.44	1.9112E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3903E-06	0.00E+00
713	ALL	635907.62	4280981.40	1.4884E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.4190E-06	0.00E+00
714	ALL	635926.76	4280981.35	1.2373E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8421E-06	0.00E+00
715	ALL	635945.89	4280981.30	1.0679E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4530E-06	0.00E+00
716	ALL	635965.03	4280981.26	9.4269E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1655E-06	0.00E+00
717	ALL	635984.16	4280981.21	8.4519E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9415E-06	0.00E+00
718	ALL	636003.30	4280981.17	7.6434E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7558E-06	0.00E+00
719	ALL	636022.43	4280981.12	6.9533E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.5973E-06	0.00E+00
720	ALL	636041.57	4280981.07	6.3528E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4593E-06	0.00E+00
721	ALL	636060.70	4280981.03	5.8232E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.3376E-06	0.00E+00
722	ALL	635668.98	4280654.24	1.3315E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0587E-06	0.00E+00
723	ALL	635625.55	4280594.42	1.2973E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.9801E-06	0.00E+00
724	ALL	635606.72	4280597.45	1.2210E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8048E-06	0.00E+00
725	ALL	635566.02	4280604.44	1.0691E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4558E-06	0.00E+00
726	ALL	635551.45	4280600.49	1.0406E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.3904E-06	0.00E+00
727	ALL	635567.24	4280653.03	9.3464E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.1470E-06	0.00E+00
728	ALL	636087.01	4280471.41	1.8868E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.3341E-06	0.00E+00
729	ALL	635826.46	4280388.41	3.6423E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.3668E-06	0.00E+00
730	ALL	635837.39	4280334.04	2.0040E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6034E-06	0.00E+00
731	ALL	635848.53	4280258.90	1.1715E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6911E-06	0.00E+00
732	ALL	635837.89	4280254.04	1.1164E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5644E-06	0.00E+00
733	ALL	635846.40	4280242.19	1.0532E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4194E-06	0.00E+00
734	ALL	635814.81	4280237.64	9.7566E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2412E-06	0.00E+00
735	ALL	635799.32	4280242.80	9.7929E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2495E-06	0.00E+00
736	ALL	635775.62	4280252.22	9.9118E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2769E-06	0.00E+00
737	ALL	635841.24	4280203.31	8.4111E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9321E-06	0.00E+00
738	ALL	635848.22	4280191.77	7.9955E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8367E-06	0.00E+00
739	ALL	635754.97	4280254.34	9.6583E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2186E-06	0.00E+00
740	ALL	635696.65	4280244.32	8.1558E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8735E-06	0.00E+00
741	ALL	635678.73	4280245.23	7.8885E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.8121E-06	0.00E+00
742	ALL	635705.44	4280707.56	1.5493E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5899E-06	0.00E+00
743	ALL	636147.23	4280520.91	9.7514E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2400E-06	0.00E+00
744	ALL	636148.22	4280503.10	9.8890E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2716E-06	0.00E+00
745	ALL	636171.47	4280488.76	8.4152E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.9331E-06	0.00E+00
746	ALL	636124.74	4280383.48	1.3878E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1880E-06	0.00E+00
747	ALL	635642.98	4280469.98	2.9275E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.7248E-06	0.00E+00
748	ALL	635714.01	4280453.71	3.9306E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.0290E-06	0.00E+00
749	ALL	635579.27	4280351.30	1.4188E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2591E-06	0.00E+00
750	ALL	635588.52	4280445.51	3.9957E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.1786E-06	0.00E+00
751	ALL	635994.75	4280770.20	1.6609E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.8152E-06	0.00E+00
752	ALL	635941.49	4280799.52	2.2494E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1672E-06	0.00E+00
753	ALL	635930.41	4280800.59	2.4849E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.7082E-06	0.00E+00
754	ALL	635969.37	4280800.95	1.7827E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.0950E-06	0.00E+00
755	ALL	635881.79	4280791.29	5.1037E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.1724E-05	0.00E+00
756	ALL	636052.31	4280804.52	9.9201E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2788E-06	0.00E+00
757	ALL	636040.51	4280800.23	1.0858E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.4943E-06	0.00E+00
758	ALL	636066.97	4280800.59	9.1395E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.0994E-06	0.00E+00
759	ALL	636098.07	4280798.44	7.5893E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.7433E-06	0.00E+00
760	ALL	635832.10	4280799.87	4.7138E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.0828E-05	0.00E+00
761	ALL	635716.40	4280791.70	1.5454E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5499E-06	0.00E+00
762	ALL	635769.96	4280795.19	2.2327E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1288E-06	0.00E+00
763	ALL	635687.88	4280788.79	1.3129E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.0159E-06	0.00E+00
764	ALL	635664.01	4280800.43	1.1453E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.6308E-06	0.00E+00
765	ALL	635767.96	4280851.03	2.0092E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.6154E-06	0.00E+00
766	ALL	635748.16	4280850.44	1.7410E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.9992E-06	0.00E+00
767	ALL	635728.37	4280852.77	1.5291E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.5126E-06	0.00E+00
768	ALL	635629.10	4280355.31	1.6465E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.7822E-06	0.00E+00
769	ALL	635693.43	4280327.60	1.4038E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.2248E-06	0.00E+00
770	ALL	635639.00	4280336.01	1.3699E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.1467E-06	0.00E+00
771	ALL	636077.06	4280449.19	2.2323E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.1278E-06	0.00E+00
772	ALL	635839.79	4280507.21	6.3339E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4550E-05	0.00E+00
773	ALL	635839.13	4280516.65	6.4917E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.4912E-05	0.00E+00
774	ALL	635542.86	4280448.84	3.5755E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.2134E-06	0.00E+00
775	ALL	635594.34	4280461.21	3.1209E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.1691E-06	0.00E+00
776	ALL	635624.69	4280669.24	1.0912E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.5067E-06	0.00E+00
777	ALL	635641.40	4280857.40	9.7293E-09	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.2349E-06	0.00E+00
778	ALL	635830.98	4280938.08	3.7757E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.6733E-06	0.00E+00
779	ALL	635887.91	4280891.06	3.5574E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.1718E-06	0.00E+00
780	ALL	635887.91	4280968.27	2.1623E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.9672E-06	0.00E+00
781	ALL	635722.05	4280490.00	2.7581E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.3357E-06	0.00E+00
782	ALL	635689.83	4280847.25	1.2435E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.8564E-06	0.00E+00
783	ALL	635551.21	4280395.34	2.7148E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.2362E-06	0.00E+00
784	ALL	635499.71	4280398.32	2.2057E-08	30YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.0668E-06	0.00E+00

ATTACHMENT C

Energy Consumption Calculations

Preferred Pump Warehouse and Distribution Center Project—Energy Consumption Summary

Summary of Energy Use During Construction

(Annually)

Construction vehicle fuel	3,846 gallons (gasoline, diesel)
Construction equipment fuel	9,517 gallons (diesel)
Construction office trailer electricity	12,536 kilowatt hours

Summary of Energy Use During Proposed Operations

(Annually)

Operational vehicle fuel consumption	43,520 gallons (gasoline, diesel)
Operational natural gas consumption	0 kilo-British Thermal Units
Operational electricity consumption	776,074 kilowatt hours

Construction Vehicle Fuel Calculations (Page 1 of 2)

California Air Resource Board (CARB). EMFAC2021 Web Database. Website: <https://arb.ca.gov/emfac/emissions-inventory>. Accessed February 2025.

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Sacramento

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VTM = Vehicle Miles Traveled

FE = Fuel Economy

Given							Calculations			
Region	Calendar Year	Vehicle Class	Model Year	Speed	Fuel	Population	Fuel	VTM	FE	VTM*FE
							Consumption			
							(1000	(mi/day)	(mi/gallon)	
Sacramento	2025	HHDT	Aggregate	Aggregate	Gasoline	7.621423831	193.6438	0.05660207	3.42114402	662.483442
Sacramento	2025	HHDT	Aggregate	Aggregate	Diesel	9691.120895	915315.8	158.4278616	5.77749236	5288229.81
Sacramento	2025	LDA	Aggregate	Aggregate	Gasoline	491398.2875	18017007	611.4937225	29.4639277	530851787
Sacramento	2025	LDA	Aggregate	Aggregate	Diesel	1553.179368	41591.19	0.960487597	43.3021675	1800988.88
Sacramento	2025	LDT1	Aggregate	Aggregate	Gasoline	48785.93501	1547598	62.93127109	24.5918726	38058327.9
Sacramento	2025	LDT1	Aggregate	Aggregate	Diesel	18.32966044	167.4891	0.007042138	23.7838482	3983.53647
Sacramento	2025	LDT2	Aggregate	Aggregate	Gasoline	237055.1324	8875175	369.8615216	23.9959406	212968175
Sacramento	2025	LDT2	Aggregate	Aggregate	Diesel	742.8591203	29745.88	0.898116959	33.1202794	985192.011
Sacramento	2025	LHDT1	Aggregate	Aggregate	Gasoline	21064.70218	760756.2	79.20833646	9.6044971	7306681.08
Sacramento	2025	LHDT1	Aggregate	Aggregate	Diesel	14102.97332	504881.7	31.54107237	16.0071195	8081701.91
Sacramento	2025	LHDT2	Aggregate	Aggregate	Gasoline	2913.052565	105559.8	12.19562128	8.65554877	913677.953
Sacramento	2025	LHDT2	Aggregate	Aggregate	Diesel	5366.007996	203025	15.2890039	13.2791519	2695999.9
Sacramento	2025	MDV	Aggregate	Aggregate	Gasoline	152263.9196	5300161	271.0357031	19.5552141	103645788
Sacramento	2025	MDV	Aggregate	Aggregate	Diesel	2523.925631	93387.6	3.782251219	24.6910086	2305833.97
Sacramento	2025	MHDT	Aggregate	Aggregate	Gasoline	1996.700173	93880.68	20.20420805	4.64659023	436225.03
Sacramento	2025	MHDT	Aggregate	Aggregate	Diesel	14804.17659	644813	76.54582103	8.42388241	5431828.85

Worker
Weighted Average Fuel Economy 26.2682336

Vendor
Weighted Average Fuel Economy 9.34046766

Haul
Weighted Average Fuel Economy 5.77699396

Construction Vehicle Fuel Calculations (Page 2 of 2)

Construction Schedule

Source: CalEEMod Output

Preferred Pump Warehouse and Distribution Center Project

CalEEMod Run	Phase Name	Start Date	End Date	Num Days	
				Week	Num Days
Preferred Pump Project	Site Preparation	5/1/2025	5/14/2025	5	10
Preferred Pump Project	Grading	5/15/2025	6/11/2025	5	20
Preferred Pump Project	Paving	6/12/2025	7/9/2025	5	20
Preferred Pump Project	Building Construction	7/10/2025	1/7/2026	5	130
Preferred Pump Project	Architectural Coating	1/5/2026	2/1/2026	5	20

Construction Trips and VMT

Phase Name	Trips per Day			Construction Trip Length in Miles			Number of Days per Phase	Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length		Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Site Preparation	17.50	2.00	0.00	14.30	8.80	20	10	175	20	0	2,503	176	0	95.27	18.84	0.00
Grading	15.00	2.00	12.50	14.30	8.80	20	20	300	40	250	4,290	352	5,000	163.32	37.69	865.50
Paving	15.00	10.00	0.00	14.30	8.80	20	20	300	200	0	4,290	1,760	0	163.32	188.43	0.00
Building Construction	18.47	7.58	0.00	14.30	8.80	20	130	2,402	985	0	34,343	8,672	0	1,307.41	928.39	0.00
Architectural Coating	3.69	2.00	0.00	14.30	8.80	20	20	74	40	0	1,057	352	0	40.23	37.69	0.00

Total Project Construction VMT (miles)

62,794

Total Project Fuel Consumption (gallons)

3,846

Construction Equipment Fuel Calculation (Page 1 of 2)

Source: CalEEMod Output

Preferred Pump Warehouse and Distribution Center Project

Construction Schedule

CalEEMod Run	Phase Type	Start Date	End Date	Num Days	Num
				Week	Days
Preferred Pump Project	Site Preparation	5/1/2025	5/14/2025	5	10
Preferred Pump Project	Grading	5/15/2025	6/11/2025	5	20
Preferred Pump Project	Paving	6/12/2025	7/9/2025	5	20
Preferred Pump Project	Building Construction	7/10/2025	1/7/2026	5	130
Preferred Pump Project	Architectural Coating	1/5/2026	2/1/2026	5	20

Construction Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Fuel (gallons/HP-hour)	Diesel Fuel Usage
Site Preparation	Rubber Tired Dozers	2	8	367	0.40	10	23,488.00	0.02051	481.82
Site Preparation	Tractors/Loaders/Backhoes	3	8	36	0.38	10	3,283.20	0.01976	64.87
Grading	Excavators	1	8	33	0.73	20	3,854.40	0.01976	76.15
Grading	Graders	3	8	367	0.40	20	70,464.00	0.02121	1,494.88
Grading	Rubber Tired Dozers	4	8	84	0.37	20	19,891.20	0.02051	408.03
Grading	Tractors/Loaders/Backhoes	1	8	148	0.41	20	9,708.80	0.01903	184.73
Paving	Pavers	2	8	36	0.38	20	4,377.60	0.01976	86.49
Paving	Paving Equipment	2	8	84	0.37	20	9,945.60	0.01903	189.23
Paving	Rollers	2	8	423	0.48	20	64,972.80	0.02489	1,616.96
Building Construction	Cranes	1	8	367	0.29	130	110,687.20	0.01488	1,647.56
Building Construction	Forklifts	2	7	82	0.20	130	29,848.00	0.02080	620.98
Building Construction	Generator Sets	1	8	14	0.74	130	10,774.40	0.04236	456.38
Building Construction	Tractors/Loaders/Backhoes	1	6	84	0.37	130	24,242.40	0.01903	461.25
Building Construction	Welders	3	8	46	0.45	130	64,584.00	0.02585	1,669.23
Architectural Coating	Air Compressors	1	6	37	0.48	20	2,131.20	0.02755	58.72

Total Construction Equipment Fuel Consumption (gallons)

9,517.28

Notes:

Equipment assumptions are provided in the CalEEMod output files.

Source of usage estimates: California Air Resource Board (CARB). 2025. Model Output: Off-Road Web Query (v1.1.0) Emissions Inventory.

Website: <https://arb.ca.gov/emfac/offroad/emissions-inventory/7eddb23e3a40f05759edf4d215960147ef2a6cf4>. Accessed March 1, 2025.

Construction Equipment Fuel Calculation (Page 2 of 2)

Model Output: Off-Road Web Query (v1.1.0) Emissions Inventory

Region Type: County

Region: Sacramento

Calendar Year: 2025

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: Off-Road Web Query Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	CalYr	Vehicle Class	Model Year	HP_Bin	Fuel	Fuel (gallons/year)	Horsepower Hours (HP- hours/year)	Fuel (gallons/HP- hour)
Sacramento	2025	Construction and Mining - Cranes	Aggregate	300	Diesel	46984.12	883224.90	0.053196098
Sacramento	2025	Construction and Mining - Excavators	Aggregate	175	Diesel	305270.40	6049611.26	0.05046116
Sacramento	2025	Construction and Mining - Graders	Aggregate	175	Diesel	35785.99	664811.22	0.053828804
Sacramento	2025	Construction and Mining - Misc - Cement And Mortar Mixers	Aggregate	25	Diesel	518.30	16275.35	0.031845705
Sacramento	2025	Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	50	Diesel	1657.10	39507.60	0.041943829
Sacramento	2025	Construction and Mining - Pavers	Aggregate	175	Diesel	25313.17	501498.29	0.050475095
Sacramento	2025	Construction and Mining - Paving Equipment	Aggregate	175	Diesel	28102.95	555369.60	0.05060225
Sacramento	2025	Construction and Mining - Rollers	Aggregate	100	Diesel	21136.03	364236.84	0.058028267
Sacramento	2025	Construction and Mining - Rough Terrain Forklifts	Aggregate	100	Diesel	30238.31	522474.25	0.057875221
Sacramento	2025	Construction and Mining - Rubber Tired Dozers	Aggregate	300	Diesel	5750.98	113902.95	0.050490208
Sacramento	2025	Construction and Mining - Scrapers	Aggregate	300	Diesel	93463.59	1783441.16	0.052406321
Sacramento	2025	Construction and Mining - Tractors/Loaders/Backhoes	Aggregate	300	Diesel	163426.07	3236344.03	0.050497124
Sacramento	2025	Light Commercial - Misc - Air Compressors	Aggregate	50	Diesel	23648.35	857027.30	0.027593462
Sacramento	2025	Light Commercial - Misc - Generator Sets	Aggregate	50	Diesel	65159.80	1539230.55	0.04233271
Sacramento	2025	Light Commercial - Misc - Welders	Aggregate	50	Diesel	108561.95	4203040.70	0.025829383

Source: California Air Resource Board (CARB). 2025. Model Output: Off-Road Web Query (v1.1.0) Emissions Inventory.

Website: <https://arb.ca.gov/emfac/offroad/emissions-inventory/7eddb23e3a40f05759edf4d215960147ef2a6cf4>. Accessed March 1, 2025.

Construction Office Electricity Calculation

Energy Appendix: CalEEMod Typical Construction Trailer

Typical Construction Trailer - Sacramento County, Annual

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	16,578	375	0.0129	0.0017	23,954

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual 16,578 kWh/yr

Total Over Construction 12,536 kWh

Total Construction Schedule

Start 5/1/2025

End 2/1/2026

Total Calendar Days 276

Years 0.76

Preferred Pump Warehouse and Distribution Center Project Operational Fuel Calculation—Project-generated Operational Trips

California Air Resource Board (CARB). EMFAC2021. Website: <https://arb.ca.gov/emfac/emissions-inventory/>. Accessed February 2025.

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Sacramento

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VTM = Vehicle Miles Traveled

FE = Fuel Economy

Given						Calculations				
Region	Calendar Year	Vehicle Class	Model Year	Speed	Fuel	Population	VTM	Fuel Consumption	FE	VTM*FE
Sacramento	2026	LDA	Aggregate	Aggregate	Gasoline	490520.664	17966701.5	597.1123465	30.08931504	540605741.7
Sacramento	2026	LDA	Aggregate	Aggregate	Diesel	1430.745301	37721.50272	0.861822099	43.76947719	1651050.453
									Total VMT	18004423.01
									Weighted Average Fuel Economy	30.11797668
Sacramento	2026	LDT1	Aggregate	Aggregate	Gasoline	47430.07468	1500520.957	59.98660688	25.01426627	37534430.78
Sacramento	2026	LDT1	Aggregate	Aggregate	Diesel	16.20559695	143.3004056	0.00601102	23.83961439	3416.226412
Sacramento	2026	LDT2	Aggregate	Aggregate	Gasoline	241263.535	9009804.273	366.7405478	24.56724332	221346053.8
Sacramento	2026	LDT2	Aggregate	Aggregate	Diesel	773.0221254	30675.15942	0.907272115	33.81031878	1037136.918
Sacramento	2026	MDV	Aggregate	Aggregate	Gasoline	152420.7174	5305204.632	264.9451429	20.02378521	106230278
Sacramento	2026	MDV	Aggregate	Aggregate	Diesel	2517.863077	91089.26373	3.642691122	25.00603556	2277781.368
									Total VMT	15937437.59
									Weighted Average Fuel Economy	23.11721035
Sacramento	2026	LHDT1	Aggregate	Aggregate	Gasoline	20553.00978	740600.0124	76.09755447	9.732244584	7207700.459
Sacramento	2026	LHDT1	Aggregate	Aggregate	Diesel	13789.3624	491992.1781	30.6578936	16.04781413	7895399.026
Sacramento	2026	LHDT2	Aggregate	Aggregate	Gasoline	2842.835824	102173.044	11.68314156	8.74533989	893537.997
Sacramento	2026	LHDT2	Aggregate	Aggregate	Diesel	5354.107557	200747.7344	15.02769638	13.35851679	2681691.979
Sacramento	2026	MHDT	Aggregate	Aggregate	Gasoline	1903.640767	88998.34196	18.97044875	4.691419962	417528.5981
Sacramento	2026	MHDT	Aggregate	Aggregate	Diesel	15018.44783	650009.8869	76.58746986	8.487157077	5516736.012
									Total VMT	2274521.198
									Weighted Average Fuel Economy	10.82100008
Sacramento	2026	HHDT	Aggregate	Aggregate	Gasoline	5.564040018	167.8007511	0.046390148	3.617163506	606.9627531
Sacramento	2026	HHDT	Aggregate	Aggregate	Diesel	9831.529333	925467.2492	157.5540817	5.873965557	5436162.746
									Total VMT	925635.0499
									Weighted Average Fuel Economy	5.87355644
Sacramento	2026	MH	Aggregate	Aggregate	Gasoline	2559.574889	22993.19608	5.210088179	4.413206704	101473.7271
Sacramento	2026	MH	Aggregate	Aggregate	Diesel	1079.195807	9690.490905	1.031832885	9.391531368	91008.5493
Sacramento	2026	OBUS	Aggregate	Aggregate	Gasoline	495.2475434	20608.72061	4.303585972	4.788732175	98689.64348
Sacramento	2026	OBUS	Aggregate	Aggregate	Diesel	569.515902	37488.53707	5.059290304	7.409841068	277784.1016
Sacramento	2026	SBUS	Aggregate	Aggregate	Gasoline	124.4030436	6562.066813	0.644930373	10.17484536	66768.01505
Sacramento	2026	SBUS	Aggregate	Aggregate	Diesel	978.5761745	21442.65244	2.627989581	8.159336929	174957.8259
Sacramento	2026	UBUS	Aggregate	Aggregate	Gasoline	189.1264912	14347.73029	3.053781283	4.698349018	67410.64453
Sacramento	2026	UBUS	Aggregate	Aggregate	Diesel	6.215216529	294.3637228	0.03113556	9.454261269	2782.991544
									Total VMT	133427.7579
									Weighted Average Fuel Economy	6.601890882
Sacramento	2026	MCY	Aggregate	Aggregate	Gasoline	26668.73903	143066.9299	3.556738291	40.22419368	5754751.897
									Total VMT	143066.9299
									Weighted Average Fuel Economy	40.22419368

Operational Fuel Calculation—Project-generated Operational Trips

Operational VMT—Passenger Vehicles

Preferred Pump Warehouse and Distribution Center Project

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	52.9	52.9	52.9	19,309	575	575	575	209,883
General Office Building	92.5	21.0	6.65	25,565	1,006	228	72.3	277,896
Other Non-Asphalt Surfaces	11.0	11.0	11.0	4,015	440	440	440	160,600
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual VMT
(miles)

VMT for Project Land Uses (Excluding Warehouse Trucks) 487,779

By Vehicle Type (Sacramento County Average Fleet Mix for the 2026 Operational Year for the Project)

	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Project Fleet (Non-trucks)	49.054208	4.367469	22.537147	14.498909	3.165808	0.755979	1.602059	0.985602	0.103581	0.051263	2.441101	0.103802	0.333072

	Fraction of 1	Percent of Vehicle Trips	Annual VMT	Daily VMT	Average Fuel Economy (miles/gallon)	Total Daily Fuel Consumption (gallons)	Total Annual Fuel Consumption (gallons)
Passenger Cars (LDA)	0.4905	49.05	239,276	656	30.12	21.8	7,945
Light Trucks and Medium Vehicles (LDT1, LDT2, and MDV)	0.4140	41.40	201,958	553	23.12	23.9	8,736
LHDT1, LHDT2, and MHDT	0.0552	5.52	26,944	74	10.82	6.8	2,490
HHDT	0.0099	0.99	4,808	13	5.87	2.2	819
MCY	0.0244	2.44	11,907	33	40.22	0.8	296
Buses/Other	0.0059	0.59	2,886	8	6.60	1.2	437
Total	—	100.0	487,779	1,336		56.8	20,723

Operational Fuel Calculation—Project-generated Operational Trips

Operational VMT—Warehouse Trucks Only

Preferred Pump Warehouse and Distribution Center Project

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	52.9	52.9	52.9	19,309	575	575	575	209,883
General Office Building	92.5	21.0	6.65	25,565	1,006	228	72.3	277,896
Other Non-Asphalt Surfaces	11.0	11.0	11.0	4,015	440	440	440	160,600
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual VMT
(miles)

Total VMT for Project Land Uses 160,600

Warehouse Truck Fleet Only

	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Warehouse Trucks	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	36.363636	63.636364	0.000000	0.000000	0.000000	0.000000	0.000000

	Fraction of 1	Percent of Vehicle Trips	Annual VMT	Daily VMT	Average Fuel Economy (miles/gallon)	Total Daily Fuel Consumption (gallons)	Total Annual Fuel Consumption (gallons)
Passenger Cars (LDA)	0.0000	0.00	0	0	30.12	0.0	0
Light Trucks and Medium Vehicles (LDT1, LDT2, and MDV)	0.0000	0.00	0	0	23.12	0.0	0
LHDT1, LHDT2, and MHDT	0.3636	36.36	58,400	160	10.82	14.8	5,397
HHDT	0.6364	63.64	102,200	280	5.87	47.7	17,400
MCY	0.0000	0.00	0	0	40.22	0.0	0
Buses/Other	0.0000	0.00	0	0	6.60	0.0	0
Total	—	100.0	160,600	440		62.5	22,797

Project Operations Natural Gas Use

Source: CalEEMod Output

Preferred Pump Warehouse and Distribution Center Project - Buildout Year Operations

kBTU/yr = kilo-British Thermal Units/year

CalEEMod Land Use	Natural Gas Use (kBTU/yr)	
Unrefrigerated Warehouse-No Rail	0	
General Office Building	0	
Other Non-Asphalt Surfaces	0	
Parking Lot	0	
Total	0	kBTU/yr

Note: The project would be built all-electric (i.e. no natural gas).

Project Operations Electricity Use

Source: CalEEMod Output

Preferred Pump Warehouse and Distribution Center Project - Buildout Year Operations

kWh/yr = kilowatt hours per year

CalEEMod Land Use	Electricity Use (kWh/yr)	
Unrefrigerated Warehouse-No Rail	322288	
General Office Building	255734	
Other Non-Asphalt Surfaces	0	
Parking Lot	198052.3878	
Total	776,074	kWh/yr

Construction Trailer Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Construction Trailer
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	39.2
Location	38.662767, -121.437217
County	Sacramento
City	Sacramento
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	639
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	0.72	1000sqft	0.02	720	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.03	0.29	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	65.8	65.8	< 0.005	< 0.005	0.23	66.9
Area	0.02	0.02	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.13	0.13	< 0.005	< 0.005	—	0.13
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.27	0.36	0.63	< 0.005	< 0.005	—	0.83
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.06	0.05	0.04	0.33	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.01	0.63	91.0	91.6	0.04	< 0.005	0.23	93.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.03	0.25	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	60.1	60.1	< 0.005	< 0.005	0.01	61.0
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.27	0.36	0.63	< 0.005	< 0.005	—	0.83
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.05	0.05	0.04	0.25	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.01	0.63	85.2	85.8	0.04	< 0.005	0.01	87.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.02	0.02	0.02	0.18	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	46.4	46.4	< 0.005	< 0.005	0.07	47.1
Area	0.02	0.02	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.09	0.09	< 0.005	< 0.005	—	0.09
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.27	0.36	0.63	< 0.005	< 0.005	—	0.83
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.04	0.04	0.03	0.21	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	0.63	71.5	72.2	0.04	< 0.005	0.08	74.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	7.68	7.68	< 0.005	< 0.005	0.01	7.80
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.09	4.09	< 0.005	< 0.005	—	4.10
Water	—	—	—	—	—	—	—	—	—	—	—	0.05	0.06	0.10	< 0.005	< 0.005	—	0.14
Waste	—	—	—	—	—	—	—	—	—	—	—	0.06	0.00	0.06	0.01	0.00	—	0.21
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.01	0.01	0.01	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.11	11.8	11.9	0.01	< 0.005	0.01	12.3

4. Operations Emissions Details

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	17.0	17.0	< 0.005	< 0.005	—	17.1

Total	—	—	—	—	—	—	—	—	—	—	—	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2.82	2.82	< 0.005	< 0.005	—	2.82
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.82	2.82	< 0.005	< 0.005	—	2.82

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.68	7.68	< 0.005	< 0.005	—	7.70
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.68	7.68	< 0.005	< 0.005	—	7.70
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.68	7.68	< 0.005	< 0.005	—	7.70
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.68	7.68	< 0.005	< 0.005	—	7.70
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.27	1.27	< 0.005	< 0.005	—	1.27
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.27	1.27	< 0.005	< 0.005	—	1.27

5. Activity Data

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO₂ and CH₄ and N₂O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO ₂	CH ₄	N ₂ O	Natural Gas (kBTU/yr)
General Office Building	16,578	375	0.0129	0.0017	23,954

8. User Changes to Default Data