APPENDIX A

Plum Blossom Estates Project—City of Farmersville
Air Quality, Health Risk, Greenhouse Gas, and Energy Technical Memorandum

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Plum Blossom Estates Project—City of Farmersville

Report Date: September 18, 2024

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

This Air Quality, Health Risk, Greenhouse Gas, and Energy Technical Memorandum 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 Plum Blossom Estates Project (proposed project or project) would cause significant impacts to air quality, GHG, or energy resources. The methodology follows the Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) prepared by the San Joaquin Valley Air Pollution Control District (SJVAPCD) for the quantification of emissions and evaluation of potential impacts to air resources.[1] The GHG Analysis references the SJVAPCD's Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New Projects under the California Environmental Quality Act (CEQA).[2]

Project Location and Description

The Plum Blossom Estates Project includes the construction and development of 187 single family residences on 39.61 acres in the City of Farmersville, Tulare County California. The project site has APN# 0152-01-0004. The project site is currently developed farmland on the midwestern edge of the City of Farmersville. There is currently only dirt road access to the site on the east side which will be developed as a continuation of S. Virginia Avenue. West Ash Street will also be continued into the site for future access from near the southeast corner with West Visalia Road running farther south. Sierra Pacific Railroad borders the project site to the north with West Walnut Avenue farther north. Tulare Irrigation District Ditch borders the project site on the west with North Mariposa Avenue farther to the west.

There are existing residences and an existing middle school within 1,000 feet of the project stie. The closest residences are adjacent to the project to the east approximately 38 feet of the project boundary, while Farmersville Junior High School is located approximately 100 feet east of the project boundary.

An aerial view of the project site is shown in Figure 1, and the site plan included as part of Attachment A.

[1] San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.

[2] San Joaquin Valley Air Pollution Control District (SJVAPCD). 2009. Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA. December 17. Website: https://www.valleyair.org/Programs/CCAP/12-17-09/3%20CCAP%20-%20FINAL%20LU%20Guidance%20-%20Dec%2017%202009.pdf. Accessed July 2024.

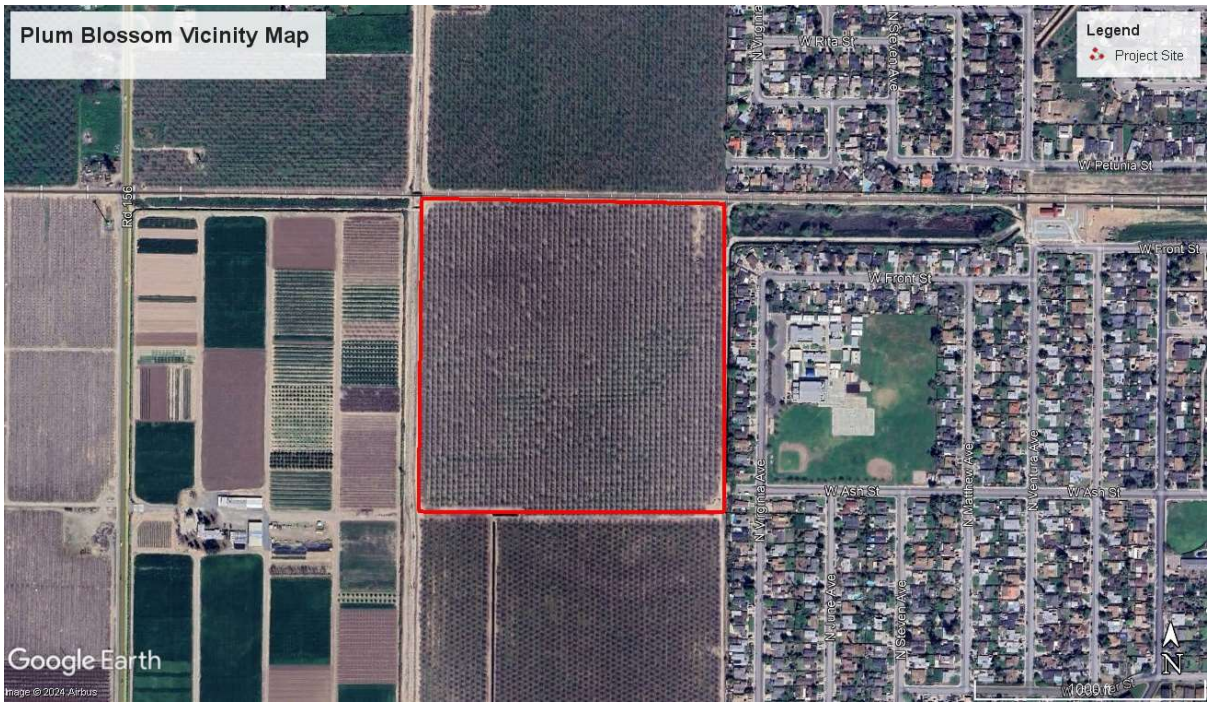


Figure 1 – Aerial View of Plum Blossom Estates Project Location

Summary of Analysis Results

The following is a summary of the analysis results. As shown below, the proposed project would result in less than impacts to air quality, GHG, and energy resources. Mitigation is required during the construction period to reduce Impact AIR-C.

Impact AIR-A: The proposed project would not conflict with or obstruct implementation of the applicable air quality plan. **Less than significant impact.**

Impact AIR-B: The proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)? **Less than significant impact.**

Impact AIR-C: The proposed project could expose sensitive receptors to substantial pollutant concentrations. **Less than significant impact with incorporation of mitigation.**

Impact AIR-D: The proposed project would not create objectionable odors affecting a substantial number of people. **Less than significant impact.**

Impact GHG-A: The proposed project would generate direct or indirect greenhouse gas emissions that could result in a significant impact on the environment. **Less than significant impact with incorporation of mitigation.**

Impact GHG-B: The proposed project could conflict with an applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases. **Less than significant impact with incorporation of mitigation**.

Impact Energy-A: The proposed project would not result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation. **Less than significant impact.**

Impact Energy-B: The proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. **Less than significant impact**.

Mitigation Measures

Air Quality Mitigation Measures

MM AIR-C1 is required to reduce the project's potential impacts during construction to less than significant (see Impact AIR-C).

MM AIR-C1 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 one of the following requirements to the City of Farmersville:

- **Option 1)** Where portable diesel engines are used during construction, all off-road equipment with engines greater than 50 horsepower shall have engines that meet or exceed either United States Environmental Protection Agency (EPA) or California Air Resources Board (CARB) Tier 4 Interim off-road emission standards except as otherwise specified herein. If engines that comply with Tier 4 Interim or Tier 4 Final off-road emission standards are not commercially available, then the construction contractor shall use the next cleanest piece of off-road equipment (e.g., Tier 3) that is commercially available. For purposes of this project design feature, "commercially available" shall mean the equipment at issue is available taking into consideration factors such as (i) critical-path timing of construction; and (ii) geographic proximity to the project site of equipment. If the relevant equipment is determined by the project applicant to not be commercially available, the contractor can confirm this conclusion by providing letters from at least two rental companies for each piece of off-road equipment that is at issue.

- **Option 2)** Prior to the issuance of any demolition, 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 50 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 Farmersville.

Greenhouse Gas Emissions Mitigation Measures

Implement all VMT-related mitigation measures identified in the transportation analysis.

Energy Mitigation Measures

No mitigation is required.

Modeling Parameters and Assumptions

The following modeling parameters and assumptions were used to generate criteria air pollutant, GHG, and TAC 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),[3] oxides of nitrogen (NO_X), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter less than 10 microns in diameter (PM_{10}), 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.

General descriptions and most relevant effects from pollutant exposure of the criteria pollutants of concern are listed below.

Table 1: Descriptions of Criteria Pollutants of Concern

Criteria Pollutant	Physical Description and Properties	Sources	Most Relevant Effects from Pollutant Exposure
Ozone	Ozone is a photochemical pollutant as it is not emitted directly into the atmosphere, but is formed by a complex series of chemical reactions between volatile organic compounds (VOC), nitrous oxides (NO_X), and sunlight. Ozone is a regional pollutant that is generated over a large area and is transported and spread by the wind.	Ozone is a secondary pollutant; thus, it is not emitted directly into the lower level of the atmosphere. The primary sources of ozone precursors (VOC and NO_X) are mobile sources (on-road and off-road vehicle exhaust).	Irritate respiratory system; reduce lung function; breathing pattern changes; reduction of breathing capacity; inflame and damage cells that line the lungs; make lungs more susceptible to infection; aggravate asthma; aggravate other chronic lung diseases; cause permanent lung damage; some immunological changes; increased mortality risk; vegetation and property damage.
Particulate matter (PM_{10}) Particulate matter ($PM_{2.5}$)	Suspended particulate matter is a mixture of small particles that consist of dry solid fragments, droplets of water, or solid cores with liquid coatings. The particles vary in shape, size, and composition. PM_{10} refers to particulate matter that is between 2.5 and 10 microns in diameter, (one micron is one-millionth of a meter). $PM_{2.5}$ refers to particulate matter that is 2.5 microns or less in diameter, about one-thirtieth the size of the average human hair.	Stationary sources include fuel or wood combustion for electrical utilities, residential space heating, and industrial processes; construction and demolition; metals, minerals, and petrochemicals; wood products processing; mills and elevators used in agriculture; erosion from tilled lands; waste disposal, and recycling. Mobile or transportation related sources are from	• Short-term exposure (hours/days): irritation of the eyes, nose, throat; coughing; phlegm; chest tightness; shortness of breath; aggravate existing lung disease, causing asthma attacks and acute bronchitis; those with heart disease can suffer heart attacks and arrhythmias. • Long-term exposure: reduced lung function; chronic bronchitis; changes in lung morphology; death.

[3] Note: Although there are slight differences in the definition of ROGs and VOCs, the two terms are often used interchangeably. VOC = volatile organic compounds

Criteria Pollutant	Physical Description and Properties	Sources	Most Relevant Effects from Pollutant Exposure
		vehicle exhaust and road dust. Secondary particles form from reactions in the atmosphere.	
Nitrogen dioxide (NO_2)	During combustion of fossil fuels, oxygen reacts with nitrogen to produce nitrogen oxides—NO_X (NO, NO_2, NO_3, N_2O, N_2O_3, N_2O_4, and N_2O_5). NO_X is a precursor to ozone, PM_{10}, and $PM_{2.5}$ formation. NO_X can react with compounds to form nitric acid and related small particles and result in particulate matter (PM) related health effects.	NO_X is produced in motor vehicle internal combustion engines and fossil fuel-fired electric utility and industrial boilers. Nitrogen dioxide forms quickly from NO_X emissions. NO_2 concentrations near major roads can be 30 to 100 percent higher than those at monitoring stations.	Potential to aggravate chronic respiratory disease and respiratory symptoms in sensitive groups; risk to public health implied by pulmonary and extra-pulmonary biochemical and cellular changes and pulmonary structural changes; contributions to atmospheric discoloration; increased visits to hospital for respiratory illnesses.
Carbon monoxide (CO)	CO is a colorless, odorless, toxic gas. CO is somewhat soluble in water; therefore, rainfall and fog can suppress CO conditions. CO enters the body through the lungs, dissolves in the blood, replaces oxygen as an attachment to hemoglobin, and reduces available oxygen in the blood.	CO is produced by incomplete combustion of carbon-containing fuels (e.g., gasoline, diesel fuel, and biomass). Sources include motor vehicle exhaust, industrial processes (metals processing and chemical manufacturing), residential wood burning, and natural sources.	Ranges depending on exposure: slight headaches; nausea; aggravation of angina pectoris (chest pain) and other aspects of coronary heart disease; decreased exercise tolerance in persons with peripheral vascular disease and lung disease; impairment of central nervous system functions; possible increased risk to fetuses; death.
Sulfur dioxide (SO_2)	Sulfur dioxide is a colorless, pungent gas. At levels greater than 0.5 parts per million (ppm), the gas has a strong odor, similar to rotten eggs. Sulfur oxides (SO_X) include sulfur dioxide and sulfur trioxide. Sulfuric acid is formed from sulfur dioxide, which can lead to acid deposition and can harm natural resources and materials. Although sulfur dioxide concentrations have been reduced to levels well below state and federal standards, further reductions are desirable because sulfur dioxide is a precursor to sulfate and PM_{10}.	Human caused sources include fossil-fuel combustion, mineral ore processing, and chemical manufacturing. Volcanic emissions are a natural source of sulfur dioxide. The gas can also be produced in the air by dimethyl sulfide and hydrogen sulfide. Sulfur dioxide is removed from the air by dissolution in water, chemical reactions, and transfer to soils and ice caps. The sulfur dioxide levels in the State are well below the maximum standards.	Bronchoconstriction is accompanied by symptoms which may include wheezing, shortness of breath and chest tightness, during exercise or physical activity in persons with asthma. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient sulfur dioxide levels. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.

Source: U.S. Environmental Protection Agency (EPA). Criteria Air Pollutants. Website: https://www.epa.gov/criteria-air-pollutants. Accessed July 17, 2024.

GHGs Assessed

This analysis was restricted to GHGs identified by AB 32, which include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). The proposed project would generate a variety of GHGs, including several defined by AB 32 such as CO_2, CH_4, and N_2O.

Water vapor could be emitted from evaporated water used for landscaping and other uses, but this is not a significant impact because water vapor concentrations in the upper atmosphere are primarily due to climate feedbacks rather than emissions from project-related activities.

Ozone is a GHG; however, unlike the other GHGs, ozone in the troposphere is relatively short-lived and can be reduced in the troposphere on a daily basis. Stratospheric ozone can be reduced through reactions with other pollutants.

Certain GHGs defined by AB 32 would not be emitted by the residential project. Perfluorocarbons and sulfur hexafluoride are typically used in industrial applications, none of which would be used by the project. Therefore, it is not anticipated that the project would emit perfluorocarbons or sulfur hexafluoride.

GHG emissions associated with the proposed project construction as well as future operations were estimated using CO_2 equivalent (CO_2e) emissions as a proxy for all GHG emissions. In order to obtain the CO_2e, an individual GHG is multiplied by its Global Warming Potential (GWP). The GWP designates on a pound for pound basis the potency of the specific GHG compared to CO_2.

Toxic Air Contaminants Assessed

Toxic Air Contaminants

A TAC is defined as an air pollutant that may cause or contribute to an increase in mortality or serious illness, or that may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air; however, their high toxicity or health risk may pose a threat to public health even at low concentrations.

The California Almanac of Emissions and Air Quality—2009 Edition presents the relevant concentration and cancer risk data for the ten TACs that pose the most substantial health risk in California based on available data.[4] The ten TACs are acetaldehyde, benzene, 1.3-butadiene, carbon tetrachloride, hexavalent chromium, para-dichlorobenzene, formaldehyde, methylene chloride, perchloroethylene, and diesel particulate matter (DPM).

Some studies indicate that DPM poses the greatest health risk among the TACs listed above. 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.[5] In addition to increasing the risk of lung cancer, exposure to diesel exhaust can have other health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. Diesel exhaust is a major source of fine particulate pollution as well, and studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems.

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[4] California Air Resources Board (CARB). 2009. The California Almanac of Emissions and Air Quality—2009 Edition. Website: https://www.arb.ca.gov/aqd/almanac/almanac09/almanac2009 all.pdf.

[5] California Air Resources Board (CARB). 1998. The Toxic Air Contaminant Identification Process: Toxic Air Contaminant Emissions from Diesel-fueled Engines. Website: www.arb.ca.gov/toxics/dieseltac/factsht1.pdf.

DPM

For purposes of this study, DPM exhaust emissions are represented as exhaust PM_{10}. During project operations, the project would generate primarily passenger vehicle trips from residents and visitors; however, the project would also generate truck trips from deliveries and other services. The main source of DPM from the long-term operations of the proposed project would be from combustion of diesel fuel in diesel-powered engines in on-road trucks. On-site motor vehicle emissions refer to DPM exhaust emissions from the motor vehicle traffic that would travel and idle within the project site each day.

Asbestos

Asbestos is the name given to a number of naturally occurring fibrous silicate minerals that have been mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The three most common types of asbestos are chrysotile, amosite, and crocidolite. Chrysotile, also known as white asbestos, is the most common type of asbestos found in buildings. Chrysotile makes up approximately 90 to 95 percent of all asbestos contained in buildings in the United States. Exposure to asbestos is a health threat; exposure to asbestos fibers may result in health issues such as lung cancer, mesothelioma (a rare cancer of the thin membranes lining the lungs, chest, and abdominal cavity), and asbestosis (a non-cancerous lung disease that causes scarring of the lungs). Exposure to asbestos can occur during demolition or remodeling of buildings that were constructed prior to the 1977 ban on asbestos for use in buildings. Exposure to naturally occurring asbestos can occur during soil-disturbing activities in areas with deposits present.

Model Selection

Air pollutant emissions can be estimated by using emission factors and a level of activity. Emission factors are the emission rate of a pollutant given the activity over time; for example, grams of NO_X per horsepower-hour. CARB has published emission factors for on-road mobile vehicles/trucks in the EMFAC mobile source emissions model and emission factors for off-road equipment and vehicles in the OFFROAD emissions model. An air emissions model (or calculator) combines the emission factors and the various levels of activity and outputs the emissions for the various pieces of equipment.

The project is located in the City of Farmersville, within Tulare County and within the San Joaquin Valley Air Basin. The modeling follows SJVAPCD guidance where applicable from its GAMAQI. The models used in this analysis are summarized as follows:

- Construction emissions: CalEEMod, version 2022.1.1.26
- Operational emissions: CalEEMod, version 2022.1.1.26
- Operational TAC emissions: EMission FACtor (EMFAC) 2021 (v1.0.2)
- Dispersion Model: American Meteorological Society/ Environmental Protection Agency Regulatory Model (AERMOD), version 23132
- Health Risk Metric Calculations: Hot Spots Analysis & Reporting Program 2 (HARP2)

Criteria Pollutants and GHG Emissions

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 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 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.

CalEEMod version CalEEMod 2022.1.1.26 was used to estimate construction and operational impacts of the proposed project. CalEEMod version 2022.1.1.26 was the most recent version of CalEEMod at the time emissions were estimated in August 2024.

Assumptions

Construction Modeling Assumptions

Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and prevailing weather conditions. Construction emissions result from on-site and off-site activities. On-site emissions principally consist of exhaust emissions from the activity levels of heavy-duty construction equipment, motor vehicle operation, and fugitive dust (mainly PM_{10}) from disturbed soil. Additionally, paving operations and application of architectural coatings would release VOC emissions. Off-site emissions are caused by motor vehicle exhaust from delivery vehicles, worker traffic, and road dust (PM_{10} and $PM_{2.5}$).

Schedule

CalEEMod includes default equipment lists and construction schedules. Where project-specific information was unknown, CalEEMod default values were used.

Table 2 shows the conceptual construction schedule for the proposed project. 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 emission estimates would decrease if the construction schedule moved to later 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 2: Project Construction Schedule

Construction Activity	Start Date	End Date	Workdays
Site Preparation	1/1/2025	2/11/2025	30
Grading	2/12/2025	5/27/2025	75
Paving	5/28/2025	8/12/2025	55
Building Construction	5/28/2025	10/27/2026	370
Architectural Coating	10/1/2026	12/16/2026	55

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

Equipment

Construction equipment for each construction activity is shown in Table 3. Where the construction schedule was adjusted to match the applicant-provided schedule, construction equipment was increased to retain the CalEEMod-default construction HP-hours.

Table 3: Project Construction Equipment

Construction Activity	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	Graders	1	8	148	0.41	Diesel
	Excavators	2	8	36	0.38	Diesel
	Tractors/Loaders/Backhoes	2	8	84	0.37	Diesel
	Scrapers	2	8	423	0.48	Diesel
	Rubber Tired Dozers	1	8	367	0.40	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	Forklifts	6	8	82	0.20	Diesel
	Generator Sets	2	8	14	0.74	Diesel
	Cranes	2	7	367	0.29	Diesel
	Welders	2	8	46	0.45	Diesel
	Tractors/Loaders/Backhoes	6	7	84	0.37	Diesel
Architectural Coating	Air Compressors	1	6	37	0.48	Diesel

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

Vehicles Trips

Table 4 provides a summary of the construction-related vehicle trips. CalEEMod default values were used to estimate the number of construction-related vehicle trips. Additional vendor trips were included in each construction activity phase to account for the delivery of materials.

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 Tulare County were used for the construction trips.

Table 4: Construction Vehicle Trips

Construction Task	Worker Trips per Day	Vendor Trips per Day	Haul Trips per Day
Site Preparation	17.5	19.9903	0.00
Grading	20	19.9903	16.67
Paving	15	19.9903	0.00
Building Construction	67.32	19.9903	0.00
Architectural Coating	13.464	19.9903	0.00

Notes:

Default vendor trips were generated for the building construction phase; these daily trips were applied to the remaining construction activities as additional trips to account for delivery of materials. The analysis was performed assuming 5,000 cubic yards of fill would be imported and 5,000 cubic yards of cut would be exported during the grading period.

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

Operational Modeling Assumptions

Operational emissions are those emissions that would occur during long-term operations of the proposed project.

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. Project-specific trip rates were used in the analysis, consistent with the project-specific traffic analysis prepared by Ruettgers & Schuler Civil Engineers. Consistent with the traffic analysis, the single-family housing land use was estimated to generate 1,795 trips per day.

Vehicle Fleet Mix

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 default rates for percentages of primary, diverted, and pass-by trips were used for the passenger vehicle run.

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 SJVAPCD-approved residential fleet mix for the 2026 operational year was used in the analysis.

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. The default emission factors developed for CalEEMod were used for consumer products.

Architectural Coatings (Painting)

Paints release VOC emissions during application and drying. The buildings in the project would be repainted on occasion. The project is required to comply with the SJVAPCD Rule 4601—Architectural Coatings. The rule required flat paints to meet a standard of 50 grams per liter (g/l) and gloss paints 100 g/l by 2012 for an average rate of 65 g/l. Effective January 1, 2022, nonflat gloss and semigloss paints are also required to meet the 50 g/l standard, providing lower VOC emissions for buildings constructed after that date. Therefore, the analysis uses the 50 g/l emission factor for the analysis.

Landscaping Emissions

CalEEMod estimates 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

Electricity used by the project (for lighting, etc.) would result in emissions from the power plants that would generate electricity distributed on the electrical power grid. Electricity emissions estimates are only used in the GHG analysis.

The project would generate emissions from the combustion of natural gas for water heaters, heat, etc. CalEEMod has two categories for natural gas consumption: Title 24 and non-Title 24.

The emissions associated with the building electricity and natural gas usage (non-hearth) were estimated based on the land use type and size. Values for a project served by Eastside Power Authority and Southern California Gas were used in the analysis.

The Renewable Electricity Standards 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.

Offroad Equipment

Stationary Sources

No stationary sources are included as part of the proposed residential and commercial mixed-use project.

Vegetation

There is currently limited carbon sequestration occurring on-site in the form of existing shrubbery. The proposed project would meet any requirements set forth by the City of Farmersville in regard to landscaping/open space that may result in the inclusion of vegetation. For this analysis, it was assumed that the loss and addition of carbon sequestration that are due to the proposed project would be balanced; therefore, emissions due to carbon sequestration were not included.

Refrigerants

Buildings requiring cold storage are not included as part of the proposed project. CalEEMod default values were applied to the proposed buildings associated with the residential and commercial mixed-use project.

Health Risk Assessment Assumptions

A Health Risk Assessment (HRA) was completed to evaluate potential health risks associated with the generation of TACs during construction activities associated with the proposed project. Assumptions used in the HRA are summarized below, while complete calculations parameters are provided as part of Attachment B.

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 United States Environmental Protection Agency (EPA) AERMOD (version 23132) air dispersion model. Specifically, AERMOD was used to estimate levels of air pollutant concentrations at existing sensitive receptor locations from potential sources of project-generated TACs. 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 operational 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. Elevation data for the area were obtained and included in the model runs to account for complex terrain. The air dispersion model assessment used meteorological data from the Visalia Station (Station #93144). The meteorological data used was preprocessed for use with AERMOD by the SJVAPCD and included data for the years 2007 to 2010; all years were used in the assessment. All receptors were placed within the breathing zone at 1.2 meters above ground level.

Detailed parameters and complete calculations are contained in Attachment B. Attachment B also includes a representation of the operational DPM modeling parameters, including modeled on-site vehicle travel and locations of sensitive receptors within approximately ¼-mile (1,320 feet) of the project boundary.

Cancer Risk

The model was run to obtain annual average concentration in micrograms per cubic meter [µg/m³] at sensitive receptor locations. Receptor were placed at sensitive receptors locations with ¼-mile (1,32 feet) of the project site and in the closest receptor locations in each direction from the project site. Consistent with SJVAPCD guidance, a health risk computation was performed to determine the risk of developing an

excess cancer risk calculated on a 70-year exposure scenario. Cancer risk and non-cancer hazard calculations were completed using HARP2. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA Human Health Evaluation Manual (1991) and OEHHA's 2015 Guidance Manual.[6,7]

Based on the OEHHA methodology, the residential inhalation cancer risk from the annual average DPM concentrations is calculated by multiplying the daily inhalation or oral dose, by a cancer potency factor, the age sensitivity factor (ASF), the frequency of time spent at home (for residents only), and the exposure duration divided by averaging time, to yield the excess cancer risk. These factors are discussed in more detail below. Cancer risk must be separately calculated for specified age groups, because of age differences in sensitivity to carcinogens and age differences in intake rates (per kg body weight). Separate risk estimates for these age groups provide a health-protective estimate of cancer risk by accounting for greater susceptibility in early life, including both age-related sensitivity and amount of exposure.

Exposure through inhalation (Dose-air) is a function of the breathing rate, the exposure frequency, and the concentration of a substance in the air. For residential exposure, the breathing rates are determined for specific age groups, so Dose-air is calculated for each of these age groups, 3rd trimester, 0<2, 2<9, 2<16, 16<30 and 16-70 years. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = (C_{air} * \{BR/BW\} * A * EF * 10^{-6})$$

Where:

Dose-air	=	dose through inhalation (mg/kg/day)
Cair	=	air concentration (µg/m³) from air dispersion model
{BR/BW}	=	daily breathing rate normalized to body weight (L/kg body weight – day) (361 L\kg BW-day for 3rd Trimester, 1,090 L/kg BW-day for 0<2 years, 861 L/kg BW-day for 2<9 years, 745 L/kg BW-day for 2<16 years, 335 L/kg BW-day for 16<30 years, and 290 L/kg BW-day 30<70 years)
A	=	Inhalation absorption factor (unitless [1])
EF	=	exposure frequency (unitless), days/365 days (0.96 [approximately 350 days per year])
10^{-6}	=	conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to take into account the increased sensitivity to carcinogens during early-in-life exposure. In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years, an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood and an ASF of 1 for ages 16 through 70 years.

[6] U.S. Environmental Protection Agency (EPA). 1991. Human Health Evaluation Manual. Website: https://www.epa.gov/sites/default/files/2015-11/documents/defaultExposureParams.pdf. Accessed July 17, 2024.

[7] California Office of Environmental Health Hazards Assessment (OEHHA). 2015. Air Toxics Hot Spots Program Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. February. Website: http://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf. Accessed July 2024.

Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. The following FAH values were used in this assessment:

- From the third trimester to age <2 years: 100 percent (the OEHHA-recommended value is 85 percent of time is spent at home; however, 100 percent was assumed in order to present a conservative analysis and to be consistent with SJVAPCD guidance);
- From age 2 through <16 years: 100 percent (the OEHHA-recommended value is 72 percent of time is spent at home; however, 100 percent was assumed in order to present a conservative analysis and to be consistent with SJVAPCD guidance); and
- From age 16 years and greater: 73 percent (the OEHHA-recommended value is 73 percent of time is spent at home; however, 100 percent was assumed in order to present a conservative analysis and to be consistent with SJVAPCD guidance).

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$Risk_{inh\text{-}res} = (Dose_{air} * CPH * ASF * ED/AT * FAH)$

Where:

$Risk_{inh\text{-}res}$	=	residential inhalation cancer risk (potential chances per million)
$Dose_{air}$	=	daily dose through inhalation (mg/kg-day)
CPF	=	inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF	=	age sensitivity factor for a specified age group (unitless)
ED	=	exposure duration (in years) for a specified age group
AT	=	averaging time of lifetime cancer risk (years)
FAH	=	fraction of time spent at home (unitless)

Chronic Non-Cancer Hazard

Non-cancer chronic impacts are calculated by dividing the annual average concentration by the Reference Exposure Level (REL) for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The following equation was used to determine the non-cancer risk:

Hazard Quotient = C_i/REL_i

Where:

C_i	=	Concentration in the air of substance i (annual average concentration in $\mu g/m^3$)

REL_i = Chronic noncancer Reference Exposure Level for substance i ($\mu g/m^3$)

The non-cancer chronic hazard index was calculated in HARP2. The primary source of the emissions responsible for chronic risk are from diesel trucks. DPM does not have an acute risk factor; however, HARP2 was run to obtain the following for each modeled receptor: cancer risk, chronic hazard index, and acuate hazard index.

Thresholds

Air pollutant emissions have regional effects and localized effects. This analysis assesses the regional effects of the project's criteria pollutant emissions in comparison to SJVAPCD 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 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.

The primary pollutants of concern during project construction and operation are ROG, NO_X, PM_{10}, and $PM_{2.5}$. The SJVAPCD GAMAQI adopted in 2015 contains thresholds for ROG and NO_X; SO_X, CO, PM_{10}, 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 San Joaquin Valley Air Basin (SJVAB) often exceeds the state and national ozone standards. Therefore, if the project emits a substantial quantity of ozone precursors, the project may contribute to an exceedance of the ozone standard. The SJVAB also exceeds air quality standards for PM_{10}, and $PM_{2.5}$; therefore, substantial project emissions may contribute to an exceedance for these pollutants.

The SJVAPCD adopted significance thresholds for regional construction-related and operational ROG, NO_X, PM, CO, and SO_X, these thresholds are included in Table 5.

Table 5: SJVAPCD Proposed Project-Level Air Quality CEQA Thresholds of Significance

Pollutant	Significance Threshold	
	Construction Emissions (tons/year)	Operational Emission (tons/year)
CO	100	100
NO_X	10	10
ROG	10	10
SO_X	27	27
PM_{10}	15	15
$PM_{2.5}$	15	15

Source: SJVAPCD. 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.

Table 6: Health Risk Assessment Thresholds

Health Risk Metric	Applicable Threshold of Significance
Maximum Cancer Risk (Risk per Million)	20
Chronic Non-Cancer Hazard Index	1
Source of Thresholds: San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.	

Additional thresholds of significance are discussed, where applicable, in the appropriate impact analysis.

Fugitive Dust

Construction

Fugitive dust would be generated from site grading and other earth-moving activities. Most of this fugitive dust would remain localized and would be deposited near the project site. However, the potential for impacts from fugitive dust exists unless control measures are implemented to reduce the emissions from the project site. Therefore, adherence to Regulation VIII would be required during construction of the proposed project. Regulation VIII would require fugitive dust control measures that are consistent with best management practices (BMPs) established by the SJVAPCD to reduce the proposed project's construction-generated fugitive dust impacts to a less than significant level.

The SJVAPCD (SJVAPCD or District) adopted Regulation VIII in 1993 and its most recent amendments became effective on October 1, 2004. This is a basic summary of the regulation's requirements as they apply to construction sites. These regulations affect all workers at a regulated construction site, including everyone from the landowner to the subcontractors. Violations of Regulation VIII are subject to enforcement action including fines.[8]

Visible Dust Emissions may not exceed 20 percent opacity during periods when soil is being disturbed by equipment or by wind at any time. Visible Dust Emissions opacity of 20 percent means dust that would obstruct an observer's view of an object by 20 percent. District inspectors are state certified to evaluate visible emissions. Dust control may be achieved by applying water before/during earthwork and onto unpaved traffic areas, phasing work to limit dust, and setting up wind fences to limit windblown dust.

Soil Stabilization is required at regulated construction sites after normal working hours and on weekends and holidays. This requirement also applies to inactive construction areas such as phased projects where disturbed land is left unattended. Applying water to form a visible crust on the soil and restricting vehicle access are often effective for short-term stabilization of disturbed surface areas. Long-term methods include applying dust suppressants and establishing vegetative cover.

Carryout and Trackout occur when materials from emptied or loaded vehicles falls onto a paved surface or shoulder of a public road or when materials adhere to vehicle tires and are deposited onto a paved surface or shoulder of a public road. Should either occur, the material must be cleaned up at least daily, and immediately if it extends more than 50 feet from the exit point onto a paved road. The appropriate clean-up methods require the complete removal and cleanup of mud and dirt from the paved surface and shoulder. Using a blower device or dry sweeping with any mechanical device other than a PM_{10}-efficient

[8] San Joaquin Valley Air Pollution Control District (SJVAPCD). 2007. Compliance Assistance Bulletin. Website: http://www.valleyair.org/busind/comply/pm10/forms/RegVIIICAB.pdf. Accessed July 17, 2024.

street sweeper is a violation. Larger construction sites, or sites with a high amount of traffic on one or more days, must prevent carryout and trackout from occurring by installing gravel pads, grizzlies, wheel washers, paved interior roads, or a combination thereof at each exit point from the site. In many cases, cleaning up trackout with water is also prohibited as it may lead to plugged storm drains. Prevention is the best method.

Unpaved Access and Haul Roads, as well as unpaved vehicle and equipment traffic areas at construction sites must have dust control. Speed limit signs limiting vehicle speed to 15 mph or less at construction sites must be posted every 500 feet on uncontrolled and unpaved roads.

Storage Piles and Bulk Materials have handling, storage, and transportation requirements that include applying water when handling materials, wetting or covering stored materials, and installing wind barriers to limit visible dust emissions. Also, limiting vehicle speeds, loading haul trucks with a freeboard of six inches or greater along with applying water to the top of the load, and covering the cargo compartments are effective measures for reducing visible dust emissions and carryout from vehicles transporting bulk materials.

Dust Control Plans identify the dust sources and describe the dust control measures that will be implemented before, during, and after any dust generating activity for the duration of the project. Owners or operators are required to submit plans to the SJVAPCD at least 30 days prior to commencing the work for the following:

- Residential developments of ten or more acres of disturbed surface area.
- Non-residential developments of five or more acres of disturbed surface area.
- The relocation of more than 2,500 cubic yards per day of materials on at least three days.

Operations may not commence until the SJAVPCD has approved the Dust Control Plan. A copy of the plan must be on site and available to workers and District employees. All work on the site is subject to the requirements of the approved dust control plan. A failure to abide by the plan by anyone on site may be subject to enforcement action. Owners or operators of construction projects that are at least one acre in size and where a Dust Control Plan is not required, must provide written notification to the SJVAPCD at least 48 hours in advance of any earthmoving activity.

Record Keeping is required to document compliance with the rules and must be kept for each day any dust control measure is used. The SJVAPCD has developed record forms for water application, street sweeping, and “permanent” controls such as applying long term dust palliatives, vegetation, ground cover materials, paving, or other durable materials. Records must be kept for one year after the end of dust generating activities (Title V sources must keep records for five years).

Exemptions exist for several activities. Those occurring above 3,000 feet in elevation are exempt from all Regulation VIII requirements. Further, Rule 8021 – Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities exempts the following construction and earthmoving activities:

- Blasting activities permitted by California Division of Industrial Safety.
- Maintenance or remodeling of existing buildings provided the addition is less than 50% of the size of the existing building or less than 10,000 square feet (due to asbestos concerns, contact the SJVAPCD at least two weeks ahead of time).
- Additions to single family dwellings.
- The disking of weeds and vegetation for fire prevention on sites smaller than ½ acre.

- Spreading of daily landfill cover to preserve public health and safety and to comply with California Integrated Waste Management Board requirements.

Nuisances are prohibited at all times because District Rule 4102 – Nuisance applies to all construction sources of fugitive dust, whether or not they are exempt from Regulation VIII. It is important to monitor dust-generating activities and implement appropriate dust control measures to limit the public's exposure to fugitive dust.

Addressing Air Quality CEQA Impact Questions

Table 7: Summary of Air Quality Impact Analysis

Air Quality *Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.*	
Would the project:	**Significance Finding**
a) Conflict with or obstruct implementation of the applicable air quality plan?	Less than Significant Impact
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or State ambient air quality standard?	Less than Significant Impact
c) Expose sensitive receptors to substantial pollutant concentrations?	Less than Significant Impact with Incorporation of Mitigation
d) Result in other emissions (such as those leading to odors or) adversely affecting a substantial number of people?	Less than Significant Impact

Air Quality Mitigation Measures

MM AIR-C1 is required to reduce the project's potential impacts during construction to less than significant (see Impact AIR-C).

MM AIR-C1 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 one of the following requirements to the City of Farmersville:

- **Option 1)** Where portable diesel engines are used during construction, all off-road equipment with engines greater than 50 horsepower shall have engines that meet or exceed either United States Environmental Protection Agency (EPA) or California Air Resources Board (CARB) Tier 4 Interim off-road emission standards except as otherwise specified herein. If engines that comply with Tier 4 Interim or Tier 4 Final off-road emission standards are not commercially available, then the construction contractor shall use the next cleanest piece of off-road equipment (e.g., Tier 3) that is commercially available. For purposes of this project design feature, "commercially available" shall mean the equipment at issue is available taking into consideration factors such as (i) critical-path timing of construction; and (ii) geographic proximity to the project site of equipment. If the relevant equipment is determined by the project applicant to not be commercially available, the contractor can confirm this conclusion by providing letters from at least two rental companies for each piece of off-road equipment that is at issue.
- **Option 2)** Prior to the issuance of any demolition, 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 50 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 Farmersville.

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less than Significant Impact.

Air Quality Plans (AQPs) are plans for reaching attainment of air quality standards. The assumptions, inputs, and control measures are analyzed to determine if the Air Basin can reach attainment for the ambient air quality standards. The proposed project site is located within the jurisdictional boundaries of the SJVAPCD. To show attainment of the standards, the SJVAPCD analyzes the growth projections in the Valley, contributing factors in air pollutant emissions and formations, and existing and adopted emissions controls. The SJVAPCD then formulates a control strategy to reach attainment that includes both State and SJVAPCD regulations and other local programs and measures. For projects that include stationary sources of emissions, the SJVAPCD relies on project compliance with Rule 2201—New and Modified Stationary Source Review to ensure that growth in stationary source emissions would not interfere with the applicable AQP. Projects exceeding the offset thresholds included in the rule are required to purchase offsets in the form of Emission Reduction Credits (ERCs).

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. The GAMAQI indicates that projects that do not exceed SJVAPCD regional criteria pollutant emissions quantitative thresholds would not conflict with or obstruct the applicable AQP. An additional criterion regarding the project's implementation of control measures was assessed to provide further evidence of the project's consistency with current AQPs. 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 and localized thresholds identified by the District for Regional and Local Air Pollutants.

2. Will the project comply with applicable control measures in the AQPs?

The use of the criteria listed above is a standard approach for CEQA analysis of projects in the SJVAPCD's jurisdiction, as well as within other air districts, for the following reasons:

- Significant contribution to existing or new exceedances of the air quality standards would be inconsistent with the goal of attaining the air quality standards.

- AQP emissions inventories and attainment modeling are based on growth assumptions for the area within the air district's jurisdiction.

- AQPs rely on a set of air district-initiated control measures as well as implementation of federal and state measures to reduce emissions within their jurisdictions, with the goal of attaining the air quality standards.

Contribution to Air Quality Violations

As discussed in Impact AIR-B below, emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$ associated with the proposed project would not exceed the SJVAPCD's significance thresholds during the construction phase (see Table 8). Similarly, emissions of ROG, NO_X, CO, SO_X, $PM_{2.5}$ or PM_{10} during operations would not exceed any applicable threshold of significance (see Table 9). Therefore, regarding this criterion, the project would be considered less than significant.

Air Quality Plan Control Measures

The AQP contains a number of control measures that are enforceable requirements through the adoption of rules and regulations. The following rules and regulations are relevant to the project:

Rule 4201—Particulate Matter Concentration. This rule shall apply to any source operation that emits or may emit dust, fumes, or total suspended particulate matter.

Rule 4601—Architectural Coatings. The purpose of this rule is to limit Volatile Organic Compounds (VOC) emissions from architectural coatings. Emissions are reduced by limits on VOC content and providing requirements on coatings storage, cleanup, and labeling. Only compliant components are available for purchase in the San Joaquin Valley.

Rule 4641—Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations. The purpose of this rule is to limit VOC emissions from asphalt paving and maintenance operations. If asphalt paving will be used, then the paving operations will be subject to Rule 4641. This regulation is enforced on the asphalt provider.

Rule 4702—Internal Combustion Engines. The purpose of this rule is to limit the emissions of NO_X, carbon monoxide (CO), VOC, and sulfur oxides (SO_X) from internal combustion engines. If the project includes emergency generators, the equipment is required to comply with Rule 4702.

Regulation VIII—Fugitive PM_{10} Prohibitions. This regulation is a control measure that is one main strategies from the 2006 PM_{10} for reducing the PM_{10} emissions that are part of fugitive dust. Projects over 10 acres are required to file a Dust Control Plan (DCP) containing dust control practices sufficient to comply with Regulation VIII. Rule 8021 regulates construction and demolition activities, road construction, bulk materials storage, paved and unpaved roads, carryout and trackout, etc. All development projects that involve soil disturbance are subject to at least one provision of the Regulation VIII series of rules.

Rule 9510–Indirect Source Review. This rule reduces the impact of NO_X and PM_{10} emissions from growth within the SJVAB. The rule places application and emission reduction requirements on development projects meeting applicability criteria in order to reduce emissions through on-site mitigation, off-site District-administered projects, or a combination of the two.

Conclusion

The project would comply with all applicable CARB and SJVAPCD rules and regulations. Therefore, the project complies with this criterion and would not conflict with or obstruct implementation of the applicable air quality attainment plan with regards to this criterion.

The project's regional operational emissions would not exceed any applicable SJVAPCD prior to the incorporation of mitigation measures (see Impact AIR-B). Therefore, the project would be considered consistent with the existing AQPs.

Based on the findings above, the proposed project would not conflict with or obstruct implementation of the applicable air quality plan. The impact would be less than significant.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or State ambient air quality standard?

Less than Significant Impact.

To result in a less than significant impact, emissions of nonattainment pollutants must be below the SJVAPCD's regional significance thresholds. This is an approach recommended by the SJVAPCD's in its GAMAQI. The SJVAB is in nonattainment for ozone, PM_{10} (State only), and $PM_{2.5}$. Ozone is a secondary pollutant that can be formed miles 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. As such, the primary pollutants of concern during project construction and operation are ROG, NO_X, PM_{10}, and $PM_{2.5}$.

Since the SJVAB is nonattainment for ozone, PM_{10}, and $PM_{2.5}$, it is considered to have an existing significant cumulative health impact without the project. When this occurs, the analysis considers whether the project's contribution to the existing violation of air quality standards is cumulatively considerable. The SJVAPCD regional thresholds for NO_X, ROG/VOC, PM_{10}, or $PM_{2.5}$ are applied as cumulative contribution thresholds. The SJVAPCD GAMAQI adopted in 2015 contains thresholds for CO, NO_X, ROG, SO_X, PM_{10}, and $PM_{2.5}$. Air pollutant emissions have both regional and localized effects. The project's regional emissions are compared to the applicable SJVAPCD regional thresholds below to address if the project would result in a cumulatively considerable net increase of any criteria pollutant (including ozone precursors) of concern.

Criteria Pollutant Emission Estimates

Construction Emissions (Regional)

Construction emissions associated with the development envisioned for the proposed project are shown in Table 8 prior to the incorporation of any mitigation.

Table 8: Summary of Construction-Generated Emissions of Criteria Air Pollutants – Unmitigated

Emissions Source	Emissions (Tons/Year)					
	ROG	NO_X	CO	SO_X	$PM_{10\ total}$	$PM_{2.5\ total}$
Project Construction (2025)	0.41	3.62	4.22	0.01	0.53	0.27
Project Construction (2026)	1.42	2.26	3.20	0.01	0.21	0.10
Total Construction Duration (2025-2026)						
Project Total	**1.83**	**5.88**	**7.42**	**0.02**	**0.74**	**0.37**
Significance Thresholds	**10**	**10**	**100**	**27**	**15**	**15**
Exceed Significance Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**

Notes:

PM_{10} and $PM_{2.5}$ emissions reflect compliance with Regulation VIII—Fugitive PM_{10} Prohibitions.

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

Source of Thresholds: San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.

As shown in Table 8 above, emissions from construction activities associated with the proposed project would fall below the significance thresholds. Therefore, regional and cumulative impacts associated with construction of the proposed project are less than significant.

Operational Emissions (Regional)

Operational emissions occur over the lifetime of the project. The SJVAPCD considers permitted and non-permitted emission sources separately when making significance determinations. In addition, the annual operational emissions are also considered separately from construction emissions. Operational emissions associated with the proposed project are shown in Table 9. Operational emissions were estimated using a full buildout scenario in the earliest year of operations (2026), which provides a conservative estimate of emissions and resulting potential impacts.

Table 9: Summary of Operational Emissions of Criteria Air Pollutants – Unmitigated

Source	Emissions (tons/year)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Area	1.63	0.07	0.98	< 0.01	0.01	0.01
Energy	0.02	0.31	0.13	< 0.01	0.03	0.03
Mobile (Automobiles)	1.14	1.28	10.63	0.02	2.28	0.59
Annual Total	**2.79**	**1.66**	**11.74**	**0.02**	**2.32**	**0.63**
Significance Thresholds	**10**	**10**	**100**	**27**	**15**	**15**
Exceed Significance Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**

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

As shown in Table 9, operational emissions would not exceed the applicable SJVAPCD thresholds of significance for ROG, NO_X, CO, SO_X, PM_{10}, or $PM_{2.5}$. Therefore, the impact from operations of the project would be less than significant.

Conclusion

As shown in Table 8, the project's regional emissions would not exceed the applicable regional criteria pollutant emissions quantitative thresholds during project construction. During operations, the project would not exceed the applicable regional criteria pollutant emissions quantitative thresholds (see Table 9). Therefore, the impact would be less than significant.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less than Significant Impact with Incorporation of Mitigation.

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. The SJVAPCD considers a sensitive receptor 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 project site include residential receptors, the closest of which include existing single-family homes located within approximately 38 feet east of the project boundary. See Attachment B (Construction Health Risk Assessment and Operational Health Risk Screening) for a graphical representation of the sensitive receptor locations within approximately ¼-mile of the project site.

Localized Impacts

Emissions occurring at or near the project have the potential to create a localized impact also referred to as an air pollutant hotspot. Localized emissions are considered significant if when combined with background emissions, they would result in exceedance of any health-based air quality standard. In locations that already exceed standards for these pollutants, significance is based on a significant impact level (SIL) that represents the amount that is considered a cumulatively considerable contribution to an existing violation of an air quality standard. The pollutants of concern for localized impact in the SJVAB are NO_2, SO_X, and CO.

The SJVAPCD has provided guidance for screening localized impacts in the GAMAQI that establishes a screening threshold of 100 pounds per day of any criteria pollutant. If a project exceeds 100 pounds per day of any criteria pollutant, then ambient air quality modeling would be necessary. If the project does not exceed 100 pounds per day of any criteria pollutant, then it can be assumed that it would not cause a violation of an ambient air quality standard.

Construction: Localized Concentrations of PM_{10}, $PM_{2.5}$, CO, SO_X, and NO_X

Local construction impacts would be short-term in nature lasting only during the duration of construction. As shown in Table 10 below, on-site construction emissions would be less than 100 pounds per day for each of the criteria pollutants. To present a conservative estimate, on-site emissions for on-road construction vehicles were included in the localized analysis. Based on the SJVAPCD's guidance, the construction emissions would not cause an ambient air quality standard violation.

Table 10: Localized Concentrations of PM_{10}, $PM_{2.5}$, CO, and NO_X for Construction – Unmitigated

Emission Source	On-site Emissions (pounds per day)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Highest Daily Construction (2025)	3.58	31.95	37.41	0.06	9.42	5.24
Highest Daily Construction (2026)	44.54	21.22	28.61	0.05	1.57	0.80
Total Construction Duration (2025-2026)						
Highest Daily Maximum	**44.54**	**31.95**	**37.41**	**0.06**	**9.42**	**5.24**
Significance Thresholds	**—**	**100**	**100**	**100**	**100**	**100**
Exceed Significance Thresholds?	**—**	**No**	**No**	**No**	**No**	**No**

Note: Overlap of construction activities is based on the construction schedule shown in Table 2 and Attachment A.

Source of Emissions: Modeling Assumptions and CalEEMod Output Files (Attachment A). Maximum daily emissions represent the maximum daily emissions between the Summer and Winter scenarios.

Source of Thresholds: San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.

Operation: Localized Concentrations of PM_{10}, $PM_{2.5}$, CO, SO_X, and NO_X

Localized impacts could occur in areas with a single large source of emissions such as a power plant or with multiple sources concentrated in a small area such as a distribution center. The maximum daily operational emissions would occur at project buildout, which was modeled for the year 2026. Operational emissions include those generated on-site by area sources such as consumer products and landscape maintenance, energy use from natural gas combustion, and motor vehicles operation at the project site. Motor vehicle emissions are estimated for on-site operations using trip lengths for on-site travel and ¼-mile of off-site emissions.

As shown in Table 11 below, operational modeling of on-site emissions for the project indicate that the project would not exceed 100 pounds per day for each of the criteria pollutants. Therefore, based on the SJVAPCD's guidance, the operational emissions would not cause an ambient air quality standard violation. As such, impacts would be less than significant.

Table 11: Localized Concentrations of PM_{10}, $PM_{2.5}$, CO, and NO_X for Operations

Source	On-site Emissions (pounds per day)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Area	9.47	1.55	11.26	0.01	0.13	0.13
Energy	0.10	1.72	0.73	0.01	0.14	0.14
Mobile (Automobiles)	6.31	2.27	15.69	0.01	0.65	0.17
Total	**15.88**	**5.54**	**27.68**	**0.03**	**0.92**	**0.44**
Significance Thresholds	**—**	**100**	**100**	**100**	**100**	**100**
Exceed Significance Thresholds?	**—**	**No**	**No**	**No**	**No**	**No**

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

Source of Thresholds: San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.

Toxic Air Contaminants

Construction

Project construction would involve the use of diesel-fueled vehicles and equipment that emit DPM, which is considered a TAC. The SJVAPCD's current threshold of significance for TAC emissions is an increase in cancer risk for the maximally exposed individual of 20 in a million (formerly 10 in a million). The SJVAPCD's 2015 GAMAQI does not currently recommend analysis of TAC emissions from project construction activities, but instead focuses on projects with operational emissions that would expose sensitive receptors over a typical lifetime of 70 years. In addition, the most intense construction activities of the project's construction would occur during site preparation and grading phases over a short period. There are no conditions unique to the project site that would require more intense construction activity compared to typical development. Examples of situations that would warrant closer scrutiny may include sites that would require extensive excavation and hauling due to existing site conditions. Building construction typically requires limited amounts of diesel equipment relative to site clearing activities. Nonetheless, a construction HRA was prepared as part of this analysis. In addition, the analysis includes an evaluation of potential health impacts from construction and operations of the project considered together, over a 70-year exposure scenario.

The results of the HRA prepared for project construction for cancer risk and long-term chronic cancer risk are summarized below. Construction emissions were estimated assuming adherence to all applicable rules, regulations, and project design features. The construction emissions were assumed to be distributed over the project area 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. Health risk calculations were completed using HARP2. Detailed parameters and complete calculations are included in Attachment B.

The estimated health and hazard impacts at the Maximally Exposed Receptor (MER) from the project's construction emissions are provided in Table 12.

Table 12: Summary of the Health Impacts from Unmitigated 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			
Risks and Hazards at the MER (Construction Only)	20.97	0.01250	0.00000
Risks and Hazards at the MER (Construction Plus Operations)	27.75	0.01924	0.00000
Significance Threshold	**20**	**1**	**1**
Threshold Exceeded in Any Scenario?	**Yes**	**No**	**No**

MER = Maximally Exposed Receptor
Project MER: Receptor #785 (36°18'12.1"N 119°12'56.6"W)
Source: Construction Health Risk Assessment and Operational Health Risk Screening (Attachment B).

As shown in Table 12, estimated health risks from elevated DPM concentrations during construction of the proposed project would not exceed the applicable health risk significance thresholds when construction is considered alone; however, construction plus operational emissions would exceed the applicable cancer risk threshold. This represents a potentially significant construction TAC exposure impact. Therefore, mitigation is required to reduce the impact during the construction period to below a level of significance.

MM AIR-C1 requires the project applicant, project sponsor, or construction contractor to provide documentation to the City of Farmerville that all off-road diesel-powered construction equipment greater than 50 horsepower meet EPA or CARB Tier 4 Interim off-road emissions standards or will utilize Level 3 filters. Table 13 shows the health risks and non-cancer hazard index for construction with implementation of MM AIR-C1.

Table 13: 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 Equipment Scenario			
Risks and Hazards at the MER (Construction Only)	4.83	0.00288	0.00000
Risks and Hazards at the MER (Construction Plus Operations)	11.61	0.00962	0.00000
Risks and Hazards at the MER—Level 3 Filters Scenario			
Risks and Hazards at the MER (Construction Only)	5.58	0.00333	0.00000
Risks and Hazards at the MER (Construction Plus Operations)	12.36	0.01007	0.00000
Highest Risks and Hazards at the MER after Incorporation of MM AIR-C1			
Risks and Hazards at the MER	12.36	0.01007	0.00000
Significance Threshold	**20**	**1**	**1**
Threshold Exceeded in Any Scenario?	**No**	**No**	**No**

MER = Maximally Exposed Receptor
Project MER: Receptor #785 (36°18'12.1"N 119°12'56.6"W)
Source: Construction Health Risk Assessment and Operational Health Risk Screening (Attachment B).

As noted in Table 13, 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-C1. Therefore, the proposed project would not result in a significant impact on nearby sensitive receptors from TACs during construction.

Operations

Unlike warehouses or distribution centers, the daily vehicle trips generated by the proposed residential project would be primarily generated by passenger vehicles. Passenger vehicles typically use gasoline engines rather than the diesel engines that are found in heavy-duty trucks. Gasoline-powered vehicles do emit TACs in the form of toxic organic gases, some of which are carcinogenic. Compared to the combustion of diesel, the combustion of gasoline had relatively low emissions of TACs. Thus, residential development projects typically produce limited amounts of TAC emissions during operation. Nonetheless, it is anticipated that there would be some heavy-duty trucks visiting the project site during operations. Consistent with SJVAPCD guidance, an operational prioritization screening analysis was completed for the proposed project.

Operational DPM emissions from diesel trucks were estimated using EMFAC2021emission factors and estimated truck travel and idling at the project site. The emissions were entered into the SJVAPCD Prioritization Screening Tool to determine the risk scores, with complete calculations and assumptions included as part of Attachment B. The results of the screening analysis are provided in Table 14.

Table 14: Prioritization Tool Health Risk Screening Results

Impact Source	Cancer Risk Score	Chronic Risk Score	Acute Risk Score
Diesel Trucks	6.78	0.00674	0.00000
Total Risk from Project Operations	**6.78**	**0.00674**	**0.00000**
Screening Risk Score Threshold	**10**	**1**	**1**
Screening Thresholds Exceeded?	**No**	**No**	**No**
Source: Construction Health Risk Assessment and Operational Health Risk Screening (Attachment B)			

As shown in Table 14, the project would not exceed the cancer risk or chronic hazard screening threshold levels during project operations. The primary source of the emissions responsible for chronic risk are from diesel trucks. DPM does not have an acute risk factor. Since the project does not exceed the applicable SJVAPCD screening thresholds for cancer risk, acute risk, or chronic risk, this impact would be less than significant.

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.

The San Joaquin Valley is considered an endemic area for Valley fever. The San Joaquin Valley is considered an endemic area for Valley fever. During 2000–2018, a total of 65,438 coccidioidomycosis cases were reported in California; median statewide annual incidence was 7.9 per 100,000 population and varied by region from 1.1 in Northern and Eastern California to 90.6 in the Southern San Joaquin Valley, with the largest increase (15-fold) occurring in the Northern San Joaquin Valley. Incidence has been consistently high in six counties in the Southern San Joaquin Valley (Fresno, Kern, Kings, Madera, Tulare, and Merced counties) and Central Coast (San Luis Obispo County) regions.[9] California experienced 7,517 new probable or confirmed cases of Valley fever in 2022. A total of 319 suspect, probable, and confirmed Valley fever cases were reported in Tulare County in 2022.[10]

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 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

[9] 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 July, 2024.

[10] 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/DCDC/CDPH%20Document%20Library/CocciinCA ProvisionalMonthlyReport.pdf. Accessed July 2024.

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.[11]

The project is situated on a site previously disturbed that does not provide a suitable habitat for spores. Specifically, the project site had been previously disturbed and has some vegetation cover in the form of shrubbery. Therefore, implementation of the proposed project would have a low probability of the site having *C. immitis* growth sites and exposure to the spores from disturbed soil.

Although conditions are not favorable, construction activities could generate fugitive dust that contains *C. immitis* spores. The project will minimize the generation of fugitive dust during construction activities by complying with SJVAPCD's Regulation VIII. 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.

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 residential buildings, commercial buildings, landscaping, pavement, and internal streets. This condition of the project being built-up would lessen the possibility of the project site 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.

[11] 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 July 2024.

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, development of the project is not anticipated to expose receptors to naturally occurring asbestos.[12] Impacts would be less than significant.

Operations—The Project's Potential to Locate Sensitive Receptor Near Existing Sources of TACs

As a residential development project, the project would locate sensitive receptors (future residents) to a site where future project residents could be subject to existing sources of TACs at the project site. However, the California Supreme Court concluded in *California Building Industry Association (CBIA) v. Bay Area Air Quality Management District (BAAQMD)* that agencies subject to CEQA are not required to analyze the impact of existing environmental conditions on a project's future users or residents. Therefore, this impact will not be further addressed in this document.

Impact Analysis Summary

In summary, the project would not exceed SJVAPCD localized emission daily screening levels for any criteria pollutant. The project is not a significant source of TAC emissions during operations and would not be a significant source of TAC emissions during construction after incorporation of MM AIR-C1. The project is not in an area with suitable habitat for Valley fever spores and is not in an area known to have naturally occurring asbestos. Therefore, the project would not result in significant impacts to sensitive receptors after incorporation of mitigation.

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

Less Than Significant Impact.

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.

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.

Although the project is less than one mile from the nearest sensitive receptor, the project is not expected to be a significant source of odors. The screening levels for these land use types are shown in Table 15.

[12] 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 July, 2024.

Table 15: Screening Levels for Potential Odor Sources

Odor Generator	Screening Distance
Wastewater Treatment Facilities	2 miles
Sanitary Landfill	1 mile
Transfer Station	1 mile
Composting Facility	1 mile
Petroleum Refinery	2 miles
Asphalt Batch Plant	1 mile
Chemical Manufacturing	1 mile
Fiberglass Manufacturing	1 mile
Painting/Coating Operations (e.g., auto body shop)	1 mile
Food Processing Facility	1 mile
Feed Lot/Dairy	1 mile
Rendering Plant	1 mile
Wastewater Treatment Facilities	2 miles
Source of Thresholds: San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.	

Construction

During construction, various diesel-powered vehicles and equipment in use on-site would create localized odors. These odors would be temporary and intermittent, which 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. The potential for odor impacts from construction of the proposed project would, therefore, be less than significant.

Operations

Project as a Potential Odor Generator

The development of the proposed project would not substantially increase objectionable odors in the area. Land uses that are typically identified as sources of objectionable odors include landfills, transfer stations, sewage treatment plants, wastewater pump stations, composting facilities, asphalt batch plants, rendering plants, and other land uses outlined in Table 15. The proposed residential project would not engage in any of these activities. Minor sources of odors that would be associated with typical residential development projects, such as exhaust from mobile sources (including diesel-fueled vehicles), are known to have temporary and less concentrated odors. Considering the low intensity of potential odor emissions, the proposed project's operational activities would not expose receptors to objectionable odor emissions. Therefore, the proposed project would not be considered to be a generator of objectionable odors during operations. As such, impacts would be less than significant.

Project as a Receptor

With the *CBIA v. BAAQMD* ruling, analysis of odor impacts on receivers is not required for CEQA compliance unless the project would exacerbate the impact. As discussed above, the project is a

residential project and would not be considered a major source of odors during construction or operation. Therefore, the project would not exacerbate an existing odor impact and no further analysis is required.

Greenhouse Gas Emissions Estimation Summary and Greenhouse Gas Impact Analysis

Thresholds of Significance

Section 15064.4(b) of the CEQA Guidelines 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 greenhouse gas 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 greenhouse gas 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 greenhouse gas 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 EIR must be prepared for the project. In determining the significance of impacts, the lead agency may consider a project's consistency with the State's long-term climate goals or strategies, provided that substantial evidence supports the agency's analysis of how those goals or strategies address the project's incremental contribution to climate change and its conclusion that the project's incremental contribution is not cumulatively considerable.

Under the SJVAPCD guidance, projects meeting one of the following would have a less than significant impact on climate change:

- Exempt from CEQA;
- Complies with an approved GHG emission reduction plan or GHG mitigation program;
- Project achieves 29 percent GHG reductions by using approved Best Performance Standards; and
- Project achieves AB 32 targeted 29 percent GHG reductions compared with "business as usual."

The SJVAPCD has not yet adopted BPS for development projects that could be used to streamline the GHG analysis. For development projects, BPS means, "any combination of identified GHG emission reduction measures, including project design elements and land use decisions that reduce project-specific GHG emission reductions by at least 29 percent compared with business as usual."

The 29 percent GHG reduction level is based on the target established by CARB's AB 32 Scoping Plan, approved in 2008. The GHG reduction level for the State to reach 1990 emission levels by 2020 was reduced to 21.7 percent from BAU in 2020 in the 2014 First Update to the Scoping Plan to account for slower than projected growth after the 2008 recession.[13] First occupancy at the project site is expected to occur in 2026, which is after the AB 32 target year. The SJVAPCD has not updated its guidance to address SB 32 2030 targets or AB 1279 2045 targets. Therefore, whether the project's GHG emissions would result in a significant impact on the environment is determined by assessing consistency with relevant GHG reduction plans.

[13] California Air Resources Board (CARB). 2014. First Update to the Climate Change Scoping Plan. Website: http://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm. Accessed July 2024.

Quantification of Greenhouse Gas Emissions for Informational Purposes

Construction

GHG emissions generated during all construction activities were combined and are shown in Table 16.

Table 16: Summary of Construction-Generated Greenhouse Gas Emissions

Emissions Source	MT CO_{2e} per Year
Project Construction (2025)	838
Project Construction (2026)	586
Project Construction Total	**1,424**
Amortized over 30 Years	**47.5**
Notes: MT CO_2e = metric tons of carbon dioxide equivalent Source: Modeling Assumptions and CalEEMod Output Files (Attachment A).	

Operations

Operational or long-term emissions occur over the life of the project. Sources of emissions may include motor vehicles and trucks, energy usage, water usage, waste generation, and area sources, such as landscaping activities. Operational GHG emissions associated with the proposed project were estimated using CalEEMod 2022.1. Please see the "Assumptions" sections of this technical memorandum for details regarding assumptions and methodology used to estimate emissions. Operational GHG emissions for a full buildout scenario in the earliest operation year (2026) are shown in Table 17. Complete CalEEMod output files and additional supporting information are also included in Attachment A.

Table 17: Project Operational GHG Emissions (Buildout Year Scenario)

Emission Source	Unmitigated Buildout Year Total Emissions (MT CO_2e per year)
Area	76
Energy	706
Mobile (Automobiles)	2,257
Water	37
Waste	59
Refrigerants	0.4
Amortized Construction Emissions	47.5
Total (MT CO_2e per year)	**3,183**
Source of Emissions: Modeling Assumptions and CalEEMod Output Files (Attachment A).	

Addressing Greenhouse Gas CEQA Impact Questions

Table 18: Summary of Greenhouse Gas Impact Analysis

Greenhouse Gas Emissions	
Would the project:	**Significance Finding**
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Less than Significant Impact with Incorporation of Mitigation
b) Conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Less than Significant Impact with Incorporation of Mitigation

Greenhouse Gas Mitigation Measures

No mitigation is required.

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than Significant Impact with Incorporation of Mitigation.

The following analysis assesses the project's compliance with Consideration #3 regarding consistency with adopted plans to reduce GHG emissions. The City of Farmerville has not adopted a GHG reduction plan. In addition, the City has not completed the GHG inventory, benchmarking, or goal-setting process required to identify a reduction target and take advantage of the streamlining provisions contained in the CEQA Guidelines. The County of Tulare has adopted a Climate Action Plan; however, the County of Tulare's Climate Action Plan is only applicable to unincorporated areas of Tulare County. The SJVAPCD has adopted a Climate Action Plan, but it does not contain measures that are applicable to the project. Therefore, the SJVAPCD Climate Action Plan cannot be applied to the project. Since no other local or regional Climate Action Plan is in place, the project is assessed for its consistency with CARB's adopted Scoping Plans.

Consistency with CARB's Adopted Scoping Plans

Consistency with AB 32 and CARB's 2008 Scoping Plan

The State's regulatory program implementing the 2008 Scoping Plan is now fully mature. All regulations envisioned in the Scoping Plan have been adopted, and the effectiveness of those regulations has been estimated by the agencies during the adoption process and then tracked to verify their effectiveness after implementation. The combined effect of this successful effort is that the State now projects that it will meet the 2020 target and achieve continued progress toward meeting post-2020 targets. Former Governor Brown, in the introduction to Executive Order B-30-15, stated "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)."

Consistency with SB 32 and CARB's 2017 Scoping Plan

The 2017 Climate Change Scoping Plan Update (2017 Scoping Plan) includes the strategy that the State intends to pursue to achieve the 2030 targets of Executive Order S-3-05 and SB 32. Table 19 provides an analysis of the project's consistency with the 2017 Scoping Plan Update measures.

Table 19: Consistency with SB 32 Scoping Plan

Scoping Plan Measure	Project Consistency
SB 350 50% Renewable Mandate. Utilities subject to the legislation will be required to increase their renewable energy mix from 33% in 2020 to 50% in 2030. *(The requirement is now 60% in 2030 per SB 100.)*	**Consistent**: The project will purchase electricity from a utility subject to the SB 350 Renewable Mandate.
SB 350 Double Building Energy Efficiency by 2030. This is equivalent to a 20 percent reduction from 2014 building energy usage compared to current projected 2030 levels.	**Not Applicable**. This measure applies to existing buildings. New structures are required to comply with Title 24 Energy Efficiency Standards that are expected to increase in stringency over time. New residential buildings constructed as part of the proposed project would comply with the applicable Title 24 Energy Efficiency Standards in effect at the time building permits are received. The current Title 24 regulations are the 2022 Title 24 standards, which become effective January 1, 2023. The next update would become effective January 1, 2026.
Low Carbon Fuel Standard. This measure requires fuel providers to meet an 18 percent reduction in carbon content by 2030.	**Consistent**. This is a Statewide measure that cannot be implemented by a project applicant or lead agency. However, vehicles accessing the project site would be subject to the standards. Vehicles accessing the project site will use fuel containing lower carbon content as the fuel standard is implemented.
Mobile Source Strategy (Cleaner Technology and Fuels Scenario). Vehicle manufacturers will be required to meet existing regulations mandated by the LEV III and Heavy-Duty Vehicle programs. The strategy includes a goal of having 4.2 million ZEVs on the road by 2030 and increasing numbers of ZEV trucks and buses.	**Consistent**. Future project residents and visitors can be expected to purchase increasing numbers of more fuel efficient and zero emission cars and trucks each year. The CALGreen Code requires electrical service in new development to be EV charger-ready. In addition, home deliveries will be made by increasing numbers of ZEV delivery trucks as the statewide fleet is expected to get cleaner over time.
Sustainable Freight Action Plan. The plan's target is to improve freight system efficiency 25 percent by increasing the value of goods and services produced from the freight sector, relative to the amount of carbon that it produces by 2030. This would be achieved by deploying over 100,000 freight vehicles and equipment capable of zero emission operation and maximize near-zero emission freight vehicles and equipment powered by renewable energy by 2030.	**Not Applicable.** The measure applies to owners and operators of trucks and freight operations. The project is residential development and would not be considered an industrial land use or a large freight operator. However, home deliveries are expected to be made by increasing numbers of ZEV delivery vehicles as technology continues to improve accessibility to ZEV vehicles and as regulations are phased in over time.
Short-Lived Climate Pollutant (SLCP) Reduction Strategy. The strategy requires the reduction of SLCPs by 40 percent from 2013 levels by 2030 and the reduction of black carbon by 50 percent from 2013 levels by 2030.	**Consistent**. The project is not expected to include fireplaces. However, any hearths that would be installed will only include natural gas hearths that produce very little black carbon compared with wood burning fireplaces and heaters in line with the SJVAPCD's Guidance for Assessing and Mitigating Air Quality Impacts mitigation measures.[1]
SB 375 Sustainable Communities Strategies. Requires Regional Transportation Plans to include a sustainable communities strategy for reduction of per capita vehicle miles traveled.	**Not Applicable**. The project is residential in nature and does not include the development of a Regional Transportation Plan/Sustainable Communities Strategy (SCS).
Post-2020 Cap-and-Trade Program. The Post 2020 Cap-and-Trade Program continues the existing program for another 10 years. The Cap-	**Consistent.** The post-2020 Cap-and-Trade Program indirectly affects people who use the products and services produced by the regulated industrial sources

Scoping Plan Measure	Project Consistency
and-Trade Program applies to large industrial sources such as power plants, refineries, and cement manufacturers.	when increased cost of products or services (such as electricity and fuel) are transferred to the consumers. The Cap-and-Trade Program covers the GHG emissions associated with electricity consumed in California, whether generated in-state or imported. Accordingly, GHG emissions associated with CEQA projects' electricity usage are covered by the Cap-and-Trade Program. The Cap-and-Trade Program also covers fuel suppliers (natural gas and propane fuel providers and transportation fuel providers) to address emissions from such fuels and from combustion of other fossil fuels not directly covered at large sources in the program's first compliance period.
Natural and Working Lands Action Plan. CARB is working in coordination with several other agencies at the federal, state, and local levels, stakeholders, and with the public, to develop measures as outlined in the Scoping Plan Update and the governor's Executive Order B-30-15 to reduce GHG emissions and to cultivate net carbon sequestration potential for California's natural and working land.	**Not Applicable**. The project is a residential development and will not be considered natural or working lands.
Source: California Air Resources Board (CARB). 2017. The 2017 Climate Change Scoping Plan Update. January 20. Website: https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf. Accessed July 2024. [1] San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and Mitigating Air Quality Impacts. March 19. Website: https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf. Accessed July 2024.	

As described in Table 19, the proposed project would be consistent with applicable 2017 Scoping Plan Update measures and would not obstruct the implementation of others that are not applicable. The State's regulatory program is able to target both new and existing development because the two most important strategies, motor vehicle fuel efficiency and emissions from electricity generation, obtain reductions equally from existing sources and new sources. This is because all vehicle operators use cleaner low carbon fuels and buy vehicles subject to the fuel efficiency regulations and all building owners or operators purchase cleaner energy from the grid that is produced by increasing percentages of renewable fuels. This includes regulations on mobile sources such as the Pavley standards that apply to all vehicles purchased in California, the LCFS (Low Carbon Fuel Standard) that applies to all fuel sold in California, and the Renewable Portfolio Standard and Renewable Energy Standard under SB 100 that apply to utilities providing electricity to all California end users.

Moreover, the Scoping Plan strategy will achieve more than average reductions from energy and mobile source sectors that are the primary sources related to development projects and lower than average reductions from other sources such as agriculture. The proposed residential development project's operational GHG emissions would principally be generated from electricity consumption and vehicle use, which are directly under the purview of the Scoping Plan strategy and have experienced reductions above the State average reduction. Considering the information summarized above, the proposed project would be consistent with the State's AB 32 and SB 32 GHG reduction goals.

Consistency Regarding GHG Reduction Goals for 2050 under Executive Order S-3-05 and GHG Reduction Goals for 2045 under CARB's 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. 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.[14] 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 20 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.

Table 20: 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	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.

[14] 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 August 2024.

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
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.		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 Plum Blossom Estates 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 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.	State agencies and local agencies	**No Conflict:** Private investment in alternative fuels will play a key role in diversifying the transportation fuel supply away from fossil fuels. EO N-79-20 calls on state agencies to support the transition of existing fuel production facilities away from fossil fuels and directs that this transition also protects and supports workers, public health, safety, and the environment. In-line with this direction, existing refineries could be repurposed to produce sustainable aviation fuel, renewable diesel, and hydrogen. GHG emissions generated by project-related passenger and delivery trucks would benefit from the above regulations and programs, and 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, the project would utilize energy efficiency appliances and equipment and will meet the applicable energy standards in the Title 24

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
- 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.		Building Energy Efficiency Standards and CALGreen Code, which will limit the amount of fossil fuel use and GHG emissions. During operations the project will provide improvements to the pedestrian network. Considering the 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. • 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.	State agencies and local agencies	**Potential Conflict (No Conflict After Incorporation of Mitigation)**: 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. A project-specific VMT analysis was prepared for the Plum Blossom Estates Project by Ruettgers & Schuler Civil Engineers. The VMT analysis shows that the project would result in a potentially significant VMT impact prior to the incorporation of mitigation. As such, the project could conflict with actions in the vehicle miles traveled sector. With mitigation incorporated, the project-specific VMT analysis found that the project would result in less than significant impacts. All mitigation measures related to the VMT impact are identified in the transportation impact analysis and would also be required to reduce the project's GHG impact. With VMT-related mitigation measures applied, the project would not conflict with actions in the vehicle miles traveled sector.
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	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.

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
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 burdened communities affected by pollution, climate impacts, and poverty.		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. 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. The Plum Blossom Estates 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. 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.	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

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
• 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.		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 CO_2 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 Plum Blossom Estates Project is residential in nature and would not include manufacturing uses or other industrial uses targeted in the 2022 Scoping Plan. The project will utilize energy efficiency appliances and would meet the applicable energy standards in the Title 24 Building Energy Efficiency Standards and CALGreen Code. 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.

2022 Scoping Plan Actions and Strategies	Responsible Party(ies)	Project Consistency
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 Plum Blossom Estates Project does not include dairy or livestock. As such, the project would not conflict with SLCP dairy and livestock methane 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. • 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.	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 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 Plum Blossom Estates Project 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 August 2024.		

As show above in Table 20, the project could 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 prior to the incorporation of mitigation. Specifically, the project-specific VMT analysis found that the project would result in a potentially significant impact related to VMT prior to the incorporation of mitigation. With mitigation incorporated, the project-specific VMT analysis found that the project would result in less than significant impacts. All mitigation measures related to the VMT impact are identified in the transportation impact analysis and would also be required to reduce the project's GHG impact.

With all identified mitigation to reduce VMT-related impacts, 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.

Impact Analysis Summary

As described above, the proposed project would be consistent with State GHG Plans and would not obstruct the State's ability to meet its goals of reducing GHG emissions 40 percent below 1990 levels by 2030, carbon neutral by 2045, and 80 percent below 1990 levels by 2050 after incorporation of mitigation. The project-specific VMT analysis found that the project would result in less than significant impacts after incorporation of mitigation. All mitigation measures related to the VMT impact are identified in the transportation impact analysis and would also be required to reduce the project's GHG impact. Therefore, the project's generation of GHG emissions would not result in a significant impact on the environment with the incorporation of mitigation identified in the traffic analysis to reduce the project's impacts related to VMT.

b) Conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less than Significant Impact with Incorporation of Mitigation.

The following analysis assesses the project's compliance with Consideration #3 regarding consistency with adopted plans to reduce GHG emissions. As discussed under Impact GHG-A, neither the City of Farmersville nor the County of Tulare have adopted a GHG reduction plan that would be applicable to the proposed project. In addition, the City of Farmersville has not completed the GHG inventory, benchmarking, or goal-setting process required to identify a reduction target and take advantage of the streamlining provisions contained in the CEQA Guidelines. The SJVAPCD has adopted a Climate Action Plan, but it does not contain measures that are applicable to the project. Therefore, the SJVAPCD Climate Action Plan cannot be applied to the project. The County of Tulare has adopted a Climate Action Plan; however, the County of Tulare's Climate Action Plan is only applicable to unincorporated areas of Tulare County and would not be appliable to the proposed project. Since no other local or regional Climate Action Plan is in place, the project is assessed for its consistency with CARB's adopted Scoping Plans. This assessment is included under Impact GHG-A above. As demonstrated in the analysis contained under Impact GHG-A, the project would not conflict with any applicable plan, policy, or regulation of an agency adopted to reduce the emissions of greenhouse gases. This impact would be less than significant.

Energy

Environmental Setting

The proposed project would be served with electricity provided by Southern California Edison (SCE). SCE's 2019 Green Rate 50 percent option includes 67.5 percent eligible renewable resources, including wind, geothermal, solar, eligible hydroelectric, and biomass and biowaste; 4 percent large hydroelectric; 8.1 percent natural gas; 4.1 percent nuclear; 0.1 percent other; and 16.3 percent unspecified sources of power[15] SCE's 2019 Green Rate 100 percent option includes 100 percent eligible renewable resources, composed entirely of solar. Approximately 43 percent of the electricity that SCE delivered in 2020 was a combination of renewable and GHG-emissions-free resources.[16,17] SCE was ahead of schedule in meeting the California's RPS 2020 mandate of serving their load with at least 33 percent RPS-eligible resources.

SCE and Eastside Power Authority would be required to meet California's RPS standards of 60 percent by 2030 and carbon-free sourced-electricity by 2045.

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 and on-road vehicles are provided in Attachment C (Energy Consumption Calculations). Short-term construction energy consumption is discussed below.

Short-Term Construction

Off-Road Equipment

Table 21 provides estimates of the project's construction fuel consumption from off-road construction equipment for the entire project, categorized by construction activity.

Table 21: Construction Off-Road Fuel Consumption

Project Component	Construction Activity	Fuel Consumption (gallons)
Plum Blossom Estates Project (On-site, Off-road Equipment Use)	Site Preparation	2,736
	Grading	9,677
	Paving	1,395
	Building Construction	29,220
	Architectural Coating	161
Total Construction Off-Road Fuel Consumption		**43,189**
Source: Energy Consumption Calculations (Attachment C).		

As shown in Table 21, use of off-road equipment associated with construction of the proposed project is estimated to consume approximately 43,189 gallons of diesel fuel over the entire construction duration.

[15] "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.
[16] Renewable sources included solar, wind, geothermal, biomass, and small hydroelectric sources. GHG-emissions-free sources of energy included nuclear and large hydroelectric. "GHG-emissions-free resources" refers to energy sources other than renewable energy resources that also do not result in GHG emissions, such as non-emitting nuclear and hydroelectric.
[17] Southern California Edison (SCE). 2021. 2022 Power Content Label. Website: https://www.energy.ca.gov/filebrowser/download/3902. Accessed July 2024.

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 the City of Farmersville, the larger Tulare County region, or 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 22 provides an estimate of the total on-road vehicle fuel usage 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 Farmersville or the Tulare County region. 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.

Table 22: Construction On-Road Fuel Consumption

Project Component	Construction Activity	Total Annual Fuel Consumption (gallons)
Plum Blossom Estates Project (On-road Fuel Consumption)	Site Preparation	718
	Grading	6,004
	Paving	1,258
	Building Construction	16,696
	Architectural Coating	1,222
Total Construction On-Road Fuel Consumption		**25,898**
Source: Energy Consumption Calculations (Attachment C).		

Other Energy Consumption Anticipated During Project Construction

Other equipment could include construction lighting, field services (office trailers), and electrically driven equipment such as pumps and other tools. The project site is located in the City of Farmersville. As construction activities would occur primarily during daylight hours, it is anticipated that the use of construction lighting would be minimal. Singlewide mobile office trailers, which are commonly used in construction staging areas, generally range in size from 160 square feet to 720 square feet. A typical 720-square-foot office trailer would consume approximately 14,885 kWh during the approximate 1.07-year construction phase (Attachment C).

Long-Term Operations

Transportation Energy Demand

Table 23 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 23: Long-Term Operational Vehicle Fuel Consumption

Vehicle Type	Percent of Vehicle Trips	Annual VMT	Average Fuel Economy (miles/ gallon)	Total Daily Fuel Consumption (gallons)	Total Annual Fuel Consumption (gallons)
Passenger Cars (LDA)	52.15	3,409,333	31.38	297.7	108,648
Light Trucks (Pickups) and Medium Vehicles	43.96	2,873,907	23.18	339.7	123,978
Light-Heavy to Medium-Heavy Diesel Trucks	0.92	60,145	11.56	14.3	5,203
Heavy-heavy Trucks	2.03	132,712	6.15	59.1	21,570
Motorcycles	0.25	16,344	42.22	1.1	387
Other	0.69	45,109	7.72	16.0	5,844
Total	**100**	**6,537,550**	**—**	**727.9**	**265,630**

Notes:
VMT = vehicle miles traveled
Percent of Vehicle Trips and VMT provided by CalEEMod.
"Other" consists of buses and motor homes.
Source: Energy Consumption Calculations (Attachment C).

As shown above, annual vehicular fuel consumption is estimated to be 265,630 gallons of gasoline and diesel fuel combined. Using rates calculated for the earliest project operational year, daily consumption is estimated at approximately 728 gallons of fuel (see Attachment C).

Building Energy Demand

As shown in Table 24 and Table 25, the proposed project is estimated to demand 1,661,768 kilowatt-hours (KWhr) of electricity and 6,827,557 1,000-British Thermal Units (kBTU) of natural gas, respectively, on an annual basis.

Table 24: Long-Term Electricity Usage

Land Use	Total Electricity Demand (KWhr/year)
Single Family Housing	1,661,768
Total Project Consumption	**1,661,768**
Source: Energy Consumption Calculations (Attachment C).	

Table 25: Long-Term Natural Gas Usage

Land Use	Total Natural Gas Demand (kBTU/year)
Single Family Housing	6,827,557
Total Project Consumption	**6,827,557**
Source: Energy Consumption Calculations (Attachment C).	

Addressing Energy CEQA Impact Questions

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

Table 26: Summary of Energy Impact Analysis

Energy	
Would the project:	**Significance Finding**
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	Less than Significant Impact
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	Less than Significant Impact

Energy Mitigation Measures

No mitigation is required.

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact.

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 21 and Table 22, the proposed project would require 43,189 gallons of diesel fuel for construction off-road equipment and 25,898 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 the region or other parts of the state. In addition, the overall construction schedule and process is already designed to be efficient in order to avoid excess monetary costs. For example, equipment and fuel are not typically used wastefully due to the added expense associated with renting the equipment, maintaining it, and fueling it. 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 is estimated to demand 1,661,768 KWhr of electricity per year and 6,827,557 kBTU of natural gas per year. As the project site is currently undeveloped, this would represent an increase in demand for electricity and 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 City of

Farmersville or the larger Tulare County region. Current state regulatory requirements for new building construction contained in the 2022 CALGreen and Title 24 standards apply to both residential and non-residential buildings and would increase energy efficiency and reduce energy demand in comparison to most existing development, 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 most recent 2022 standards became effective January 1, 2023 and will be updated in the next cycle that will become effective at the start of 2026. Therefore, while the proposed project would result in increased electricity and natural gas demand, electricity and natural gas would be consumed more efficiently than most existing development due to compliance with the latest building standards.

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 728 gallons of combined gasoline and diesel fuel. Annual consumption is estimated at 265,630 gallons. In addition, the proposed project would constitute development within an established community and would not be opening a new geographical area for development. As such, the proposed project would not result in unusually long trip lengths for future residents, visitors, customers, employees, or deliveries to the proposed residential development. The property is located near residential land uses, including adjacent single-family homes to the east border of the project site. There are also tracts of single-family homes to the northeast and southeast of the project site as well as a few scattered rural homes north, west and south of the project. The proposed project would be well-positioned to accommodate an existing community and provide housing and commercial uses for planned growth. Vehicles accessing the site would be typical of vehicles accessing similar residential development uses in the City of Farmersville, Tulare County, and surrounding areas. For these reasons, 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.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact.

The project proposes the construction of new residential development that would be built in accordance with all applicable rules and regulations. Compliance with established and applicable regulations would ensure that the project would not conflict with or obstruct any state or local plan for renewable energy or energy efficiency. Moreover, compliance with Title 24 standards would ensure that the proposed project would not conflict with any energy conservation policies related to the proposed project's building envelope, mechanical systems, and indoor and outdoor lighting. Notably, the applicable Title 24 standards require the project to include on-site renewable energy to serve the future project occupants and residents. In addition, the proposed project would constitute development within an established community. Specifically, the project site is adjacent to built-up areas of the City of Farmersville. As such, the project would not be opening a new geographical area for development such that it would not result in unusually long trip lengths for future project residents or visitors. In addition, the proposed residential development is specifically designed for increased walkability, facilitated by the proposed pedestrian connectivity throughout the project site.

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.

Attachments

Attachment A – Modeling Assumptions and CalEEMod Output Files

Attachment B – Construction Health Risk Assessment and Operational Health Risk Screening

Attachment C – Energy Consumption Calculations

ATTACHMENT A

Modeling Assumptions and CalEEMod Output Files

Modeling Assumptions and CalEEMod Output Files

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Modeling Assumptions/Additional Supporting Information

- **Plum Blossom Estates Project Construction Assumptions**
- **Project Site Vicinity Map**
- **Project Site Plan**
- **Project Trip Generation from the Project-specific Traffic Study**

CalEEMod Output Files

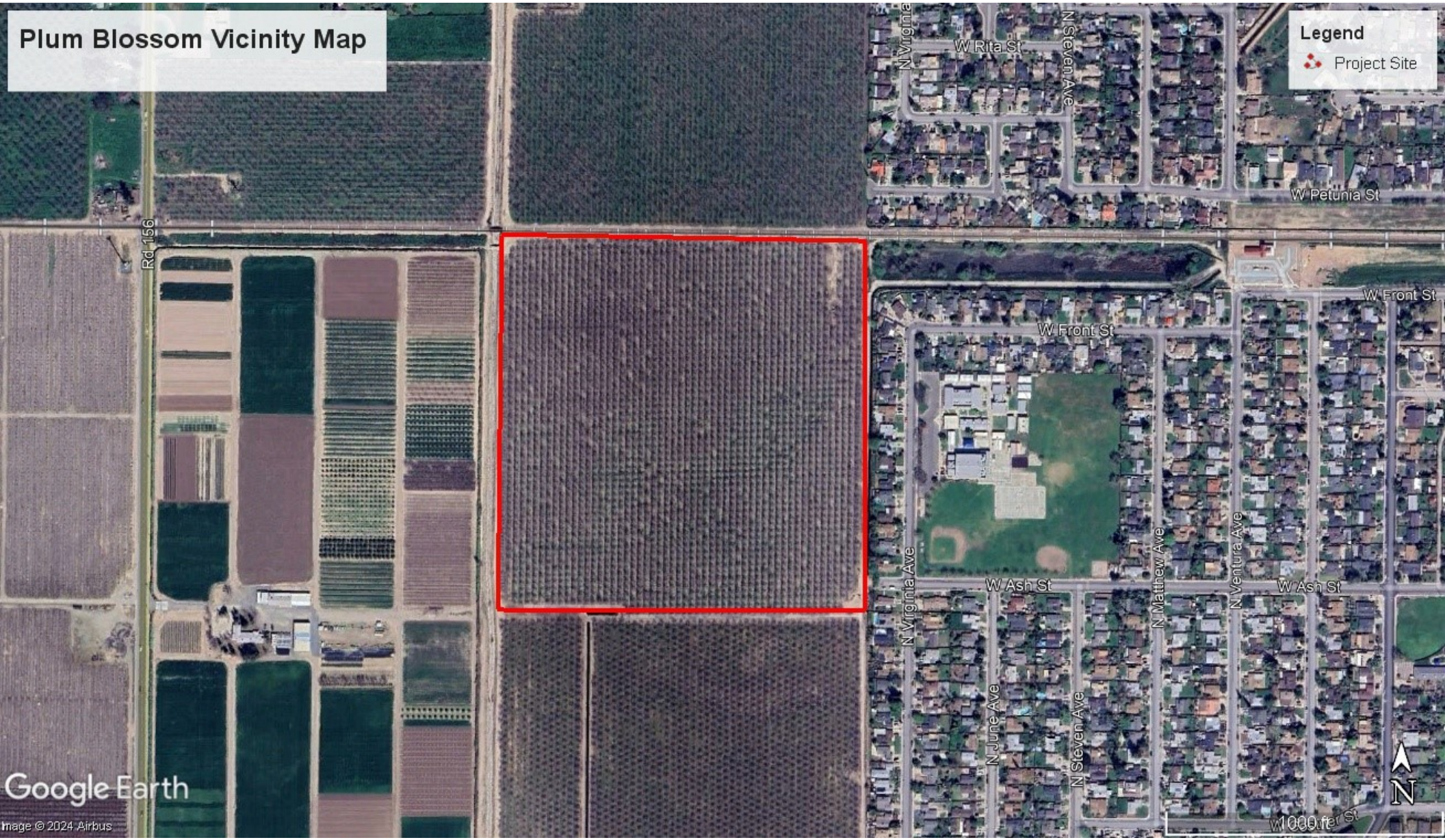
- **Unmitigated Project Construction & Full Buildout Operations (2026)**
- **Maximum Daily On-site/Localized Construction and Operational Emissions**
- **Mitigated Construction – Tier 4 Equipment Scenario**
- **Mitigated Construction – Level 3 Filters Scenario**

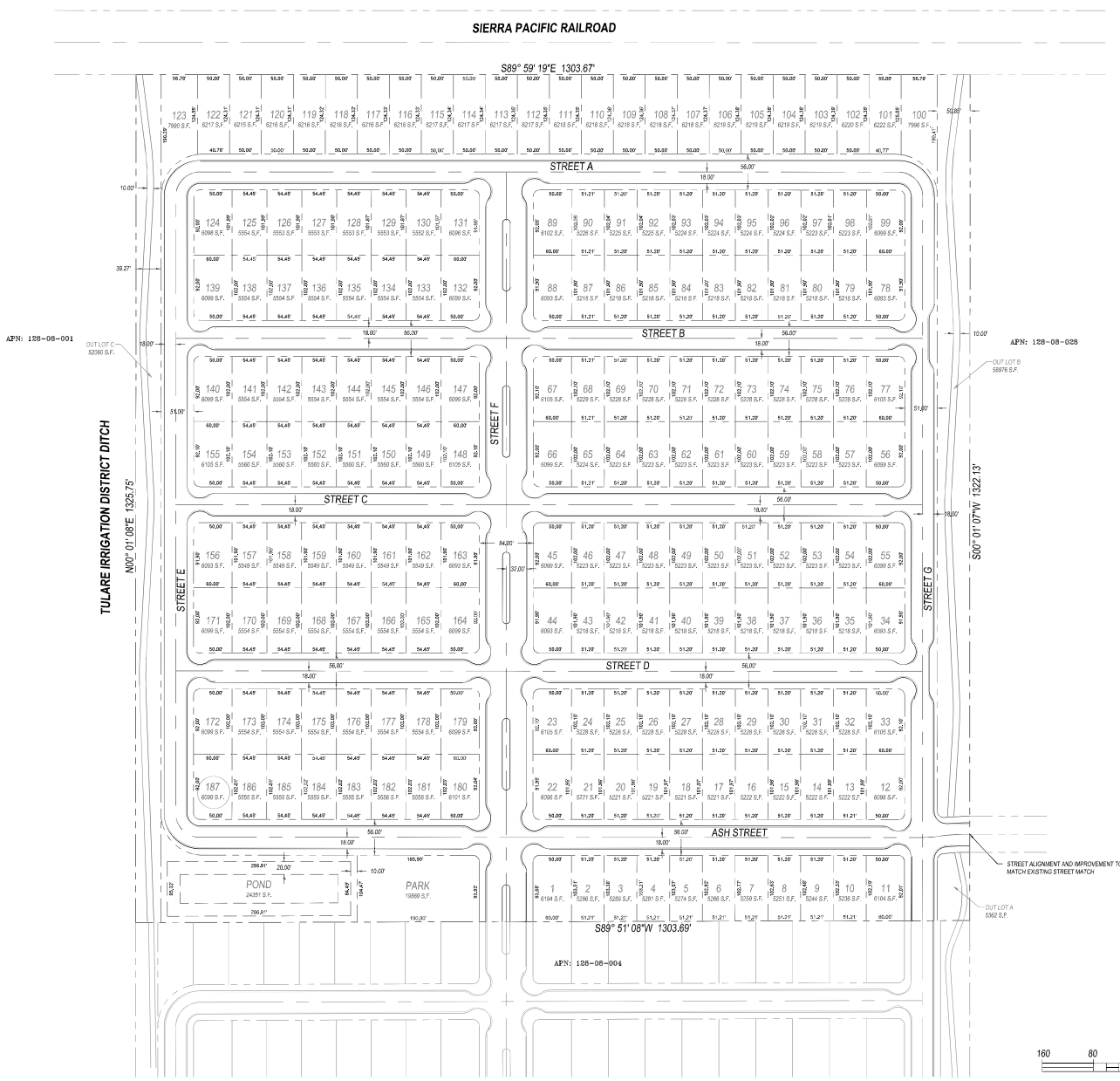
Plum Blossom Estates Project Construction Assumptions

Construction Phase			Num Days	
Phase Name	Start Date	End Date	Week	Num Days
Site Preparation	1/1/2025	2/11/2025	5	30
Grading	2/12/2025	5/27/2025	5	75
Paving	5/28/2025	8/12/2025	5	55
Building Construction	5/28/2025	10/27/2026	5	370
Architectural Coating	10/1/2026	12/16/2026	5	55

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	Graders	1	8	148	0.41
Grading	Excavators	2	8	36	0.38
Grading	Tractors/Loaders/Backhoes	2	8	84	0.37
Grading	Scrapers	2	8	423	0.48
Grading	Rubber Tired Dozers	1	8	367	0.40
Paving	Pavers	2	8	81	0.42
Paving	Paving Equipment	2	8	89	0.36
Paving	Rollers	2	8	36	0.38
Building Construction	Forklifts	6	8	82	0.20
Building Construction	Generator Sets	2	8	14	0.74
Building Construction	Cranes	2	7	367	0.29
Building Construction	Welders	2	8	46	0.45
Building Construction	Tractors/Loaders/Backhoes	6	7	84	0.37
Architectural Coating	Air Compressors	1	6	37	0.48

Trips and VMT	Worker Trip	Vendor Trip	Hauling Trip	Worker Trip	Vendor Trip	Hauling Trip
Phase Name	Number	Number	Number	Length	Length	Length
Site Preparation	17.50	19.9903	0.00	11.41	7.43	20
Grading	20.00	19.9903	16.67	11.41	7.43	20
Paving	15.00	19.9903	0.00	11.41	7.43	20
Building Construction	67.32	19.9903	0.00	11.41	7.43	20
Architectural Coating	13.46	19.9903	0.00	11.41	7.43	20


Plum Blossom Vicinity Map
Legend
Project Site
W Rita St
N Virginia
N Steven Ave
W Petunia St
Rd 156
W Front St
W Front St
W Ash St
W Ash St
N Virginia Ave
N June Ave
N Steven Ave
N Matthew Ave
N Ventura Ave
Google Earth
Image © 2024 Airbus
N

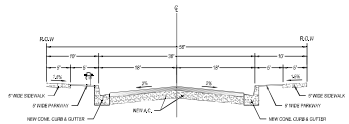


PLUMB BLOSSOM ESTATES

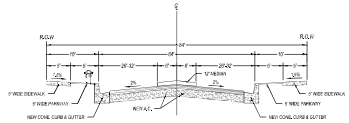
APN:	0152-01-0004
CENSUS TRACT:	
ZONE:	XXX
TOTAL SITE AREA:	1,725,984 SQ.F.
EXISTING USE	VACANT
PROPOSED USE:	PRODUCT SUBDIVISION
WATER SEWER:	ST. FAIRFAX COUNTY
STORM DRAIN:	ST. FAIRFAX COUNTY
SOLID WASTE:	ST. FAIRFAX COUNTY
GAS:	THE GAS COMPANY
POWER:	XXXXXX
LOTS:	187

LEGAL DESCRIPTION

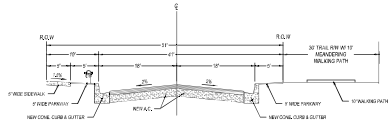
THIS IS THE PRELIMINARY EXHIBIT AND IT IS NOT A CONSTRUCTION DOCUMENTS.



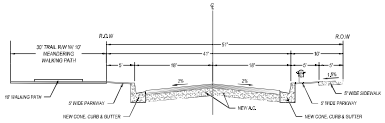
LOCAL STREETS
N.T.S



STREET F
N.T.S

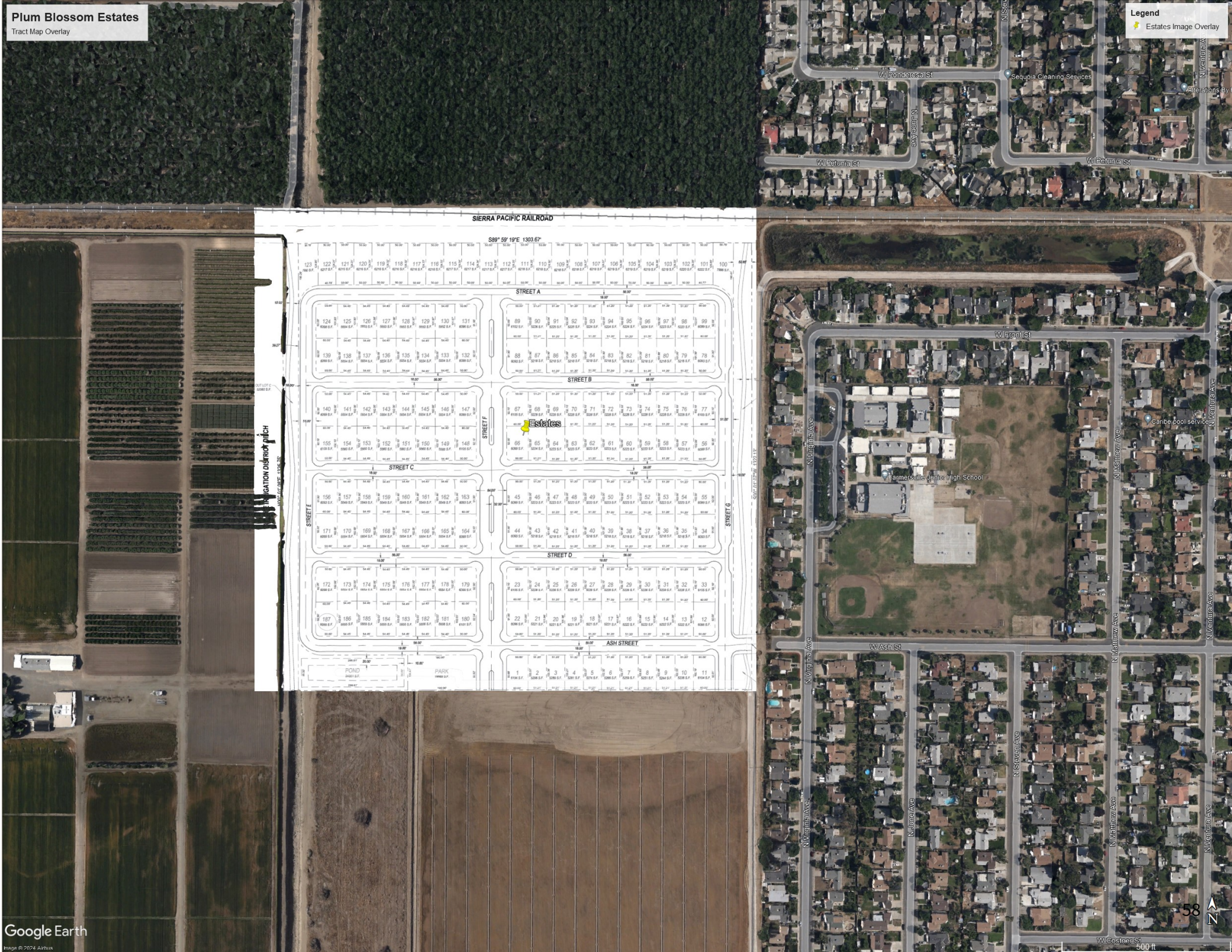


STREET G
N.T.S



STREET E
N.T.S

Plum Blossom Estates
Tract Map Overlay



Plum Blossom Estates Trip Generation

City of Farmersville

7/17/2024

General Information			Daily Trips		AM Peak Hour Trips			PM Peak Hour Trips		
ITE Code	Development Type	Variable	ADT RATE	ADT	Rate	In % Split/ Trips	Out % Split/ Trips	Rate	In % Split/ Trips	Out % Split/ Trips
210	Single-Family detached Housing	187 Dwelling Units	eq	1795	eq	25% 33	75% 99	eq	63% 113	37% 66

Plumb Blossom Estates 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	Plumb Blossom Estates
Construction Start Date	1/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	24.4
Location	36.303514, -119.218297
County	Tulare
City	Farmersville
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2757
EDFZ	9
Electric Utility	Eastside Power Authority
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
Single Family Housing	187	Dwelling Unit	39.6	364,650	2,190,304	—	632	—

Other Asphalt Surfaces	2.00	Acre	2.00	0.00	13,068	—	—	Off-site improvements

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	4.30	3.65	31.9	42.0	0.07	1.26	4.56	5.82	1.16	1.62	2.78	—	8,426	8,426	0.31	0.32	5.37	8,534
2026	2.97	2.51	20.6	30.3	0.05	0.76	1.04	1.80	0.70	0.20	0.90	—	5,843	5,843	0.23	0.13	3.24	5,892
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.06	3.41	32.4	31.3	0.07	1.37	8.30	9.68	1.26	4.04	5.31	—	8,407	8,407	0.31	0.32	0.12	8,510
2026	45.1	44.6	22.3	31.2	0.06	0.79	1.64	2.44	0.73	0.30	1.03	—	6,479	6,479	0.26	0.21	0.12	6,547
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.65	2.23	19.8	23.1	0.04	0.80	2.13	2.92	0.73	0.76	1.50	—	5,013	5,013	0.20	0.14	1.27	5,063
2026	8.07	7.80	12.4	17.5	0.03	0.45	0.68	1.13	0.42	0.13	0.54	—	3,509	3,509	0.14	0.09	0.92	3,540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.48	0.41	3.62	4.22	0.01	0.15	0.39	0.53	0.13	0.14	0.27	—	830	830	0.03	0.02	0.21	838
2026	1.47	1.42	2.26	3.20	0.01	0.08	0.12	0.21	0.08	0.02	0.10	—	581	581	0.02	0.01	0.15	586

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	7.70	7.06	6.43	72.5	0.14	0.09	12.6	12.7	0.09	3.20	3.28	—	14,419	14,419	0.64	0.66	50.2	14,681
Area	9.62	9.47	1.65	11.3	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,997	1,997	0.04	< 0.005	—	1,999
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	17.5	16.6	9.80	84.5	0.16	0.36	12.6	13.0	0.36	3.20	3.55	117	20,823	20,940	12.8	0.72	52.8	21,527
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.77	6.11	7.57	55.8	0.13	0.09	12.6	12.7	0.09	3.20	3.28	—	12,973	12,973	0.72	0.72	1.30	13,206
Area	8.62	8.53	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	15.6	14.7	10.8	57.2	0.15	0.36	12.6	13.0	0.35	3.20	3.55	117	19,349	19,466	12.8	0.78	3.91	20,024
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.91	6.27	7.00	58.3	0.13	0.09	12.4	12.5	0.09	3.15	3.23	—	13,388	13,388	0.68	0.69	21.7	13,631
Area	8.97	8.93	0.40	5.38	< 0.005	0.03	—	0.03	0.03	—	0.03	0.00	456	456	0.01	< 0.005	—	457
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61

Total	16.1	15.3	9.13	64.4	0.14	0.26	12.4	12.7	0.26	3.15	3.40	117	18,251	18,368	12.8	0.75	24.3	18,935
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.26	1.14	1.28	10.6	0.02	0.02	2.27	2.28	0.02	0.57	0.59	—	2,217	2,217	0.11	0.11	3.59	2,257
Area	1.64	1.63	0.07	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	75.5	75.5	< 0.005	< 0.005	—	75.6
Energy	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	704	704	0.06	< 0.005	—	706
Water	—	—	—	—	—	—	—	—	—	—	—	2.53	25.8	28.3	0.26	0.01	—	36.7
Waste	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43
Total	2.94	2.79	1.67	11.7	0.03	0.05	2.27	2.32	0.05	0.57	0.62	19.4	3,022	3,041	2.11	0.12	4.02	3,135

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (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	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.60	2.48	< 0.005	0.11	—	0.11	0.10	—	0.10	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.47	0.45	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.09	0.85	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	137	137	0.01	0.01	0.02	139
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9

Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.4	38.4	< 0.005	0.01	0.05	40.2
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	—	1.93	1.93	< 0.005	< 0.005	< 0.005	1.96
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.36	6.36	< 0.005	< 0.005	0.01	6.65
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	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622

Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	0.66	6.10	5.82	0.01	0.25	—	0.25	0.23	—	0.23	—	1,356	1,356	0.06	0.01	—	1,361
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	—	1.45	1.45	< 0.005	< 0.005	< 0.005	1.52
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.11	1.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	224	224	0.01	< 0.005	—	225
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.08	1.32	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	177	177	0.01	0.01	0.68	180
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
Hauling	0.06	0.03	1.47	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,176	1,176	0.03	0.19	2.83	1,236

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	0.97	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	156	156	0.01	0.01	0.02	159
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
Hauling	0.05	0.03	1.57	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,177	1,177	0.03	0.19	0.07	1,234
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.0	96.0	< 0.005	0.01	0.11	100
Hauling	0.01	0.01	0.32	0.08	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.04	0.25	254
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.52	5.52	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.02	16.6
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.0	40.0	< 0.005	0.01	0.04	42.0

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	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	1.15	0.96	8.91	11.1	0.02	0.37	—	0.37	0.34	—	0.34	—	2,046	2,046	0.08	0.02	—	2,053
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.21	0.18	1.63	2.03	< 0.005	0.07	—	0.07	0.06	—	0.06	—	339	339	0.01	< 0.005	—	340
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.38	0.28	4.44	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	596	596	0.03	0.02	2.30	606
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.36	0.33	0.34	3.26	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	526	526	0.04	0.02	0.06	534
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.15	0.14	0.13	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	233	233	0.01	0.01	0.42	237
Vendor	0.01	0.01	0.29	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	199	199	< 0.005	0.03	0.23	209
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	0.03	0.03	0.02	0.27	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.07	39.2
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33.0	33.0	< 0.005	< 0.005	0.04	34.5
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.87	6.87	< 0.005	< 0.005	0.01	7.22
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	1.50	1.26	11.6	15.2	0.03	0.44	—	0.44	0.41	—	0.41	—	2,815	2,815	0.11	0.02	—	2,824
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	4.05	4.05	< 0.005	< 0.005	< 0.005	4.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.23	2.11	2.78	0.01	0.08	—	0.08	0.07	—	0.07	—	466	466	0.02	< 0.005	—	468
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.24	4.08	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	583	583	0.03	0.02	2.10	593
Vendor	0.03	0.02	0.61	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	1.13	481
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	0.34	0.30	0.32	3.00	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	515	515	0.03	0.02	0.05	523
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.20	0.19	0.16	1.87	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	314	314	0.02	0.01	0.53	319
Vendor	0.02	0.01	0.38	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	0.29	282
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	0.04	0.03	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.0	52.0	< 0.005	< 0.005	0.09	52.8
Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.6	44.6	< 0.005	0.01	0.05	46.7

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	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.50	< 0.005	0.05	—	0.05	0.05	—	0.05	—	228	228	0.01	< 0.005	—	229
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.7	37.7	< 0.005	< 0.005	—	37.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.99	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	133	133	0.01	0.01	0.51	135
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.4	70.4	< 0.005	0.01	0.08	73.7
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
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-Roa 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	41.9	41.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Architectural Coatings	6.32	6.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.33	3.33	< 0.005	< 0.005	—	3.34
Architectural Coatings	1.15	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.60	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	0.01	< 0.005	0.01	105
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.1	69.1	< 0.005	0.01	0.07	72.4
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.01	12.0
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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	7.70	7.06	6.43	72.5	0.14	0.09	12.6	12.7	0.09	3.20	3.28	—	14,419	14,419	0.64	0.66	50.2	14,681

Other 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	0.00	0.00	0.00
Total	7.70	7.06	6.43	72.5	0.14	0.09	12.6	12.7	0.09	3.20	3.28	—	14,419	14,419	0.64	0.66	50.2	14,681
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	6.77	6.11	7.57	55.8	0.13	0.09	12.6	12.7	0.09	3.20	3.28	—	12,973	12,973	0.72	0.72	1.30	13,206
Other 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	0.00	0.00	0.00
Total	6.77	6.11	7.57	55.8	0.13	0.09	12.6	12.7	0.09	3.20	3.28	—	12,973	12,973	0.72	0.72	1.30	13,206
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.26	1.14	1.28	10.6	0.02	0.02	2.27	2.28	0.02	0.57	0.59	—	2,217	2,217	0.11	0.11	3.59	2,257
Other 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	0.00	0.00	0.00
Total	1.26	1.14	1.28	10.6	0.02	0.02	2.27	2.28	0.02	0.57	0.59	—	2,217	2,217	0.11	0.11	3.59	2,257

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	342	342	0.02	< 0.005	—	343
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	342	342	0.02	< 0.005	—	343

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194

Other 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
Total	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Other 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
Total	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	362	362	0.03	< 0.005	—	363
Other 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
Total	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	362	362	0.03	< 0.005	—	363

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.18	0.09	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971

Consumer Product	7.81	7.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.99	0.94	0.10	10.6	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Total	9.62	9.47	1.65	11.3	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,997	1,997	0.04	< 0.005	—	1,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.18	0.09	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Consumer Products	7.81	7.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	8.62	8.53	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.01	< 0.005	0.06	0.03	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	73.2	73.2	< 0.005	< 0.005	—	73.3
Consumer Products	1.43	1.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipm	0.09	0.08	0.01	0.95	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.32	2.32	< 0.005	< 0.005	—	2.32
Total	1.64	1.63	0.07	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	75.5	75.5	< 0.005	< 0.005	—	75.6

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.3	155	170	1.58	0.04	—	221
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.3	155	170	1.58	0.04	—	221
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.53	25.7	28.2	0.26	0.01	—	36.6

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.09	0.09	< 0.005	< 0.005	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	—	2.53	25.8	28.3	0.26	0.01	—	36.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43

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)

Equipment 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)

Equipment 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)

Equipment 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)

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	1/1/2025	2/11/2025	5.00	30.0	—
Grading	Grading	2/12/2025	5/27/2025	5.00	75.0	—
Building Construction	Building Construction	5/28/2025	10/27/2026	5.00	370	—
Paving	Paving	5/28/2025	8/12/2025	5.00	55.0	—
Architectural Coating	Architectural Coating	10/1/2026	12/16/2026	5.00	55.0	—

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/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
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	11.4	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	7.43	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.4	LDA,LDT1,LDT2
Grading	Vendor	20.0	7.43	HHDT,MHDT
Grading	Hauling	16.7	20.0	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	67.3	11.4	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	7.43	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.4	LDA,LDT1,LDT2
Paving	Vendor	20.0	7.43	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	11.4	LDA,LDT1,LDT2

Architectural Coating	Vendor	20.0	7.43	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	738,416	246,139	0.00	0.00	5,227

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	45.0	0.00	—
Grading	5,000	5,000	225	0.00	—
Paving	0.00	0.00	0.00	0.00	4.06

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
Single Family Housing	2.06	0%
Other Asphalt Surfaces	2.00	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	453	0.03	< 0.005
2026	0.00	453	0.03	< 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
Single Family Housing	1,795	1,795	1,795	655,175	17,911	17,911	17,911	6,537,551
Other Asphalt Surfaces	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

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0

Gas Fireplaces	94
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	94
Conventional Wood Stoves	0
Catalytic Wood Stoves	9
Non-Catalytic Wood Stoves	9
Pellet Wood Stoves	0

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)
738416.25	246,139	0.00	0.00	5,227

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

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)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	1,661,768	453	0.0330	0.0040	6,827,557
Other Asphalt Surfaces	0.00	453	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	7,959,216	38,635,019
Other Asphalt Surfaces	0.00	188,597

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	189	—
Other Asphalt Surfaces	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
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

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

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

8. User Changes to Default Data

Screen	Justification
Land Use	The Plum Blossom Estates Project includes the construction and development of 187 single family residences on 39.61 acres in the City of Farmersville. Two (2) additional acres included to account for off-site improvements.
Construction: Construction Phases	No demolition required.
Construction: Off-Road Equipment	Doubled equipment in the building construction phase to retain overall default HP hours, as duration was halved to match anticipated construction schedule.
Operations: Fleet Mix	SJVAPCD-approved residential fleet mix for the 2026 operational year applied to residential uses.
Operations: Hearths	SJVAPCD Rule 4901 Woodburning No woodburning fireplaces or wood stoves
Operations: Vehicle Data	Project-specific trip generation for the Plum Blossom Estates project for 1,795 trips per day, consistent with the traffic analysis.

Plumb Blossom Estates (Unmitigated) - Localized Analysis 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	Plumb Blossom Estates (Unmitigated) - Localized Analysis
Construction Start Date	1/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	24.4
Location	36.303514, -119.218297
County	Tulare
City	Farmersville
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2757
EDFZ	9
Electric Utility	Eastside Power Authority
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
Single Family Housing	187	Dwelling Unit	39.6	364,650	2,190,304	—	632	—

Other Asphalt Surfaces	2.00	Acre	2.00	0.00	13,068	—	—	Off-site improvements

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	4.19	3.58	30.3	37.4	0.06	1.24	3.99	5.22	1.14	1.47	2.61	—	6,728	6,728	0.28	0.08	0.31	6,757
2026	2.89	2.46	20.0	26.9	0.05	0.76	0.40	1.16	0.70	0.04	0.74	—	4,890	4,890	0.21	0.05	0.18	4,912
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.39	31.9	30.6	0.06	1.37	8.05	9.42	1.26	3.98	5.24	—	6,728	6,728	0.28	0.07	0.01	6,757
2026	45.0	44.5	21.2	28.6	0.05	0.78	0.79	1.57	0.72	0.09	0.80	—	5,087	5,087	0.23	0.07	0.01	5,112
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.59	2.19	19.1	21.6	0.04	0.79	1.69	2.48	0.72	0.65	1.38	—	4,148	4,148	0.18	0.05	0.06	4,166
2026	8.03	7.77	11.9	16.0	0.03	0.45	0.28	0.72	0.41	0.03	0.44	—	2,900	2,900	0.13	0.03	0.05	2,913
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.40	3.48	3.94	0.01	0.14	0.31	0.45	0.13	0.12	0.25	—	687	687	0.03	0.01	0.01	690
2026	1.46	1.42	2.18	2.93	0.01	0.08	0.05	0.13	0.08	0.01	0.08	—	480	480	0.02	0.01	0.01	482

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	6.47	6.31	1.99	15.7	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,062	1,062	0.30	0.17	2.51	1,122
Area	9.62	9.47	1.65	11.3	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,997	1,997	0.04	< 0.005	—	1,999
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	16.3	15.9	5.37	27.7	0.03	0.28	0.63	0.92	0.28	0.16	0.44	117	7,466	7,583	12.4	0.23	5.13	7,968
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.62	5.41	2.27	20.3	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,001	1,001	0.39	0.18	0.07	1,065
Area	8.62	8.53	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	14.4	14.0	5.54	21.7	0.03	0.28	0.63	0.91	0.28	0.16	0.44	117	7,377	7,494	12.5	0.25	2.68	7,883
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.73	5.55	2.10	17.3	0.01	0.01	0.62	0.64	0.01	0.16	0.17	—	1,015	1,015	0.35	0.17	1.09	1,076
Area	8.97	8.93	0.40	5.38	< 0.005	0.03	—	0.03	0.03	—	0.03	0.00	456	456	0.01	< 0.005	—	457
Energy	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	4,251	4,251	0.34	0.02	—	4,267
Water	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Waste	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61

Total	14.9	14.6	4.23	23.4	0.02	0.18	0.62	0.81	0.18	0.16	0.34	117	5,879	5,995	12.4	0.23	3.70	6,380
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.05	1.01	0.38	3.15	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	168	168	0.06	0.03	0.18	178
Area	1.64	1.63	0.07	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	75.5	75.5	< 0.005	< 0.005	—	75.6
Energy	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	704	704	0.06	< 0.005	—	706
Water	—	—	—	—	—	—	—	—	—	—	—	2.53	25.8	28.3	0.26	0.01	—	36.7
Waste	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43
Total	2.72	2.66	0.77	4.27	< 0.005	0.03	0.11	0.15	0.03	0.03	0.06	19.4	973	993	2.06	0.04	0.61	1,056

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (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	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.60	2.48	< 0.005	0.11	—	0.11	0.10	—	0.10	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.47	0.45	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.02	0.28	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.20	9.20	0.01	< 0.005	< 0.005	9.85
Vendor	0.01	0.01	0.25	0.16	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.7	52.7	< 0.005	0.01	< 0.005	55.2
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	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.77	0.77	< 0.005	< 0.005	< 0.005	0.82

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.31	4.31	< 0.005	< 0.005	< 0.005	4.52
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	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.71	0.71	< 0.005	< 0.005	< 0.005	0.75
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

3.3. 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	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622

Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	0.66	6.10	5.82	0.01	0.25	—	0.25	0.23	—	0.23	—	1,356	1,356	0.06	0.01	—	1,361
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	—	1.45	1.45	< 0.005	< 0.005	< 0.005	1.52
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.11	1.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	224	224	0.01	< 0.005	—	225
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.25	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.03	12.0
Vendor	0.02	0.01	0.24	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.3	52.3	< 0.005	0.01	0.09	54.8
Hauling	0.02	0.01	0.29	0.19	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	58.4	58.4	< 0.005	0.01	0.07	61.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.02	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.5	10.5	0.01	< 0.005	< 0.005	11.3
Vendor	0.01	0.01	0.25	0.16	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.7	52.7	< 0.005	0.01	< 0.005	55.2
Hauling	0.02	0.01	0.30	0.19	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	59.0	59.0	< 0.005	0.01	< 0.005	61.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.19	2.19	< 0.005	< 0.005	< 0.005	2.35
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.3
Hauling	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.1	12.1	< 0.005	< 0.005	0.01	12.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.39
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.79	1.79	< 0.005	< 0.005	< 0.005	1.87
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.00	2.00	< 0.005	< 0.005	< 0.005	2.09

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	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	1.15	0.96	8.91	11.1	0.02	0.37	—	0.37	0.34	—	0.34	—	2,046	2,046	0.08	0.02	—	2,053
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.21	0.18	1.63	2.03	< 0.005	0.07	—	0.07	0.06	—	0.06	—	339	339	0.01	< 0.005	—	340
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.33	0.07	0.83	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	37.9	37.9	0.01	0.01	0.10	40.3
Vendor	0.02	0.01	0.24	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.3	52.3	< 0.005	0.01	0.09	54.8
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	0.29	0.28	0.08	1.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	35.4	35.4	0.02	0.01	< 0.005	37.9
Vendor	0.01	0.01	0.25	0.16	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.7	52.7	< 0.005	0.01	< 0.005	55.2
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	0.13	0.12	0.03	0.39	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	15.3	15.3	0.01	< 0.005	0.02	16.4
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	0.02	23.5
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	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.54	2.54	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.71	3.71	< 0.005	< 0.005	< 0.005	3.88
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.87	6.87	< 0.005	< 0.005	0.01	7.22
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	1.50	1.26	11.6	15.2	0.03	0.44	—	0.44	0.41	—	0.41	—	2,815	2,815	0.11	0.02	—	2,824
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	4.05	4.05	< 0.005	< 0.005	< 0.005	4.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.23	2.11	2.78	0.01	0.08	—	0.08	0.07	—	0.07	—	466	466	0.02	< 0.005	—	468
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.30	0.06	0.77	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	37.0	37.0	0.01	0.01	0.09	39.5
Vendor	0.01	0.01	0.24	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.4	51.4	< 0.005	0.01	0.08	53.9
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	0.27	0.26	0.07	0.99	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	34.6	34.6	0.02	0.01	< 0.005	37.0
Vendor	0.01	0.01	0.25	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.8	51.8	< 0.005	0.01	< 0.005	54.3
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	0.16	0.16	0.04	0.50	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	20.6	20.6	0.01	< 0.005	0.02	22.1
Vendor	0.01	0.01	0.14	0.09	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.02	31.7
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	0.03	0.03	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.42	3.42	< 0.005	< 0.005	< 0.005	3.65
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.01	5.01	< 0.005	< 0.005	< 0.005	5.25

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

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	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.50	< 0.005	0.05	—	0.05	0.05	—	0.05	—	228	228	0.01	< 0.005	—	229
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.7	37.7	< 0.005	< 0.005	—	37.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.01	0.18	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.44	8.44	< 0.005	< 0.005	0.02	8.99
Vendor	0.02	0.01	0.24	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.3	52.3	< 0.005	0.01	0.09	54.8
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	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.29
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.91	7.91	< 0.005	< 0.005	0.01	8.28
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	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.31	1.31	< 0.005	< 0.005	< 0.005	1.37
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-Roa 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	41.9	41.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Architectural Coatings	6.32	6.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.33	3.33	< 0.005	< 0.005	—	3.34
Architectural Coatings	1.15	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.20	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.92	6.92	< 0.005	< 0.005	< 0.005	7.41
Vendor	0.01	0.01	0.25	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.8	51.8	< 0.005	0.01	< 0.005	54.3
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	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.13
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.77	7.77	< 0.005	< 0.005	< 0.005	8.14
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	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.19
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.29	1.29	< 0.005	< 0.005	< 0.005	1.35
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

4.1. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	6.47	6.31	1.99	15.7	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,062	1,062	0.30	0.17	2.51	1,122

Other 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	0.00	0.00	0.00
Total	6.47	6.31	1.99	15.7	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,062	1,062	0.30	0.17	2.51	1,122
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	5.62	5.41	2.27	20.3	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,001	1,001	0.39	0.18	0.07	1,065
Other 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	0.00	0.00	0.00
Total	5.62	5.41	2.27	20.3	0.01	0.01	0.63	0.65	0.01	0.16	0.17	—	1,001	1,001	0.39	0.18	0.07	1,065
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.05	1.01	0.38	3.15	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	168	168	0.06	0.03	0.18	178
Other 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	0.00	0.00	0.00
Total	1.05	1.01	0.38	3.15	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	168	168	0.06	0.03	0.18	178

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,063	2,063	0.15	0.02	—	2,073
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	342	342	0.02	< 0.005	—	343
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	342	342	0.02	< 0.005	—	343

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194

Other 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
Total	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Other 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
Total	0.20	0.10	1.72	0.73	0.01	0.14	—	0.14	0.14	—	0.14	—	2,188	2,188	0.19	< 0.005	—	2,194
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	362	362	0.03	< 0.005	—	363
Other 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
Total	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	362	362	0.03	< 0.005	—	363

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.18	0.09	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971

Consumer Product	7.81	7.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.99	0.94	0.10	10.6	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Total	9.62	9.47	1.65	11.3	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,997	1,997	0.04	< 0.005	—	1,999
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.18	0.09	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Consumer Products	7.81	7.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	8.62	8.53	1.55	0.66	0.01	0.13	—	0.13	0.13	—	0.13	0.00	1,969	1,969	0.04	< 0.005	—	1,971
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.01	< 0.005	0.06	0.03	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	73.2	73.2	< 0.005	< 0.005	—	73.3
Consumer Products	1.43	1.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipm	0.09	0.08	0.01	0.95	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.32	2.32	< 0.005	< 0.005	—	2.32
Total	1.64	1.63	0.07	0.98	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	75.5	75.5	< 0.005	< 0.005	—	75.6

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.3	155	170	1.58	0.04	—	221
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.3	155	170	1.58	0.04	—	221
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	—	—	—	—	—	—	—	—	—	—	—	15.3	156	171	1.58	0.04	—	222
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.53	25.7	28.2	0.26	0.01	—	36.6

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.09	0.09	< 0.005	< 0.005	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	—	2.53	25.8	28.3	0.26	0.01	—	36.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	102	0.00	102	10.2	0.00	—	356
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.9

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.61	2.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	0.43

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)

Equipment 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)

Equipment 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)

Equipment 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)

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	1/1/2025	2/11/2025	5.00	30.0	—
Grading	Grading	2/12/2025	5/27/2025	5.00	75.0	—
Building Construction	Building Construction	5/28/2025	10/27/2026	5.00	370	—
Paving	Paving	5/28/2025	8/12/2025	5.00	55.0	—
Architectural Coating	Architectural Coating	10/1/2026	12/16/2026	5.00	55.0	—

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/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
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	0.50	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	0.50	HHDT,MHDT
Site Preparation	Hauling	0.00	0.50	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	0.50	LDA,LDT1,LDT2
Grading	Vendor	20.0	0.50	HHDT,MHDT
Grading	Hauling	16.7	0.50	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	67.3	0.50	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	0.50	HHDT,MHDT
Building Construction	Hauling	0.00	0.50	HHDT
Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	0.50	LDA,LDT1,LDT2
Paving	Vendor	20.0	0.50	HHDT,MHDT
Paving	Hauling	0.00	0.50	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	0.50	LDA,LDT1,LDT2

Architectural Coating	Vendor	20.0	0.50	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.50	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	738,416	246,139	0.00	0.00	5,227

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	45.0	0.00	—
Grading	5,000	5,000	225	0.00	—
Paving	0.00	0.00	0.00	0.00	4.06

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
Single Family Housing	2.06	0%
Other Asphalt Surfaces	2.00	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	453	0.03	< 0.005
2026	0.00	453	0.03	< 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
Single Family Housing	1,795	1,795	1,795	655,175	897	897	897	327,588
Other Asphalt Surfaces	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

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0

Gas Fireplaces	94
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	94
Conventional Wood Stoves	0
Catalytic Wood Stoves	9
Non-Catalytic Wood Stoves	9
Pellet Wood Stoves	0

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)
738416.25	246,139	0.00	0.00	5,227

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

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)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	1,661,768	453	0.0330	0.0040	6,827,557
Other Asphalt Surfaces	0.00	453	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	7,959,216	38,635,019
Other Asphalt Surfaces	0.00	188,597

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	189	—
Other Asphalt Surfaces	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
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

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

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

8. User Changes to Default Data

Screen	Justification
Land Use	The Plum Blossom Estates Project includes the construction and development of 187 single family residences on 39.61 acres in the City of Farmersville. Two (2) additional acres included to account for off-site improvements.
Construction: Construction Phases	No demolition required.
Construction: Off-Road Equipment	Doubled equipment in the building construction phase to retain overall default HP hours, as duration was halved to match anticipated construction schedule.
Operations: Fleet Mix	SJVAPCD-approved residential fleet mix for the 2026 operational year applied to residential uses.
Operations: Hearths	SJVAPCD Rule 4901 Woodburning No woodburning fireplaces or wood stoves
Operations: Vehicle Data	Project-specific trip generation for the Plum Blossom Estates project for 1,795 trips per day, consistent with the traffic analysis. Trip lengths updated to 0.5 mile to account for on-site and localized emissions from mobile sources.
Construction: Trips and VMT	Trip lengths updated to 0.5 mile to account for on-site and localized emissions from construction vehicles.

Plumb Blossom Estates (Mitigated Construction – Tier 4 Equipment 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	Plumb Blossom Estates (Mitigated Construction – Tier 4 Equipment Scenario)
Construction Start Date	1/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	24.4
Location	36.303514, -119.218297
County	Tulare
City	Farmersville
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2757
EDFZ	9
Electric Utility	Eastside Power Authority
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
Single Family Housing	187	Dwelling Unit	39.6	364,650	2,190,304	—	632	—

Other Asphalt Surfaces	2.00	Acre	2.00	0.00	13,068	—	—	Off-site improvements

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	2.41	2.18	26.9	46.5	0.07	0.34	4.56	4.76	0.32	1.62	1.81	—	8,426	8,426	0.31	0.32	5.37	8,534
2026	1.62	1.47	19.2	34.3	0.05	0.22	1.04	1.26	0.21	0.20	0.41	—	5,843	5,843	0.23	0.13	3.24	5,892

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.63	1.47	21.3	37.0	0.07	0.23	8.30	8.41	0.22	4.04	4.15	—	8,407	8,407	0.31	0.32	0.12	8,510
2026	43.8	43.5	21.0	35.2	0.06	0.25	1.64	1.89	0.24	0.30	0.53	—	6,479	6,479	0.26	0.21	0.12	6,547
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.11	1.02	15.1	26.2	0.04	0.17	2.13	2.29	0.16	0.76	0.92	—	5,013	5,013	0.20	0.14	1.27	5,063
2026	7.29	7.19	11.6	19.9	0.03	0.13	0.68	0.81	0.13	0.13	0.25	—	3,509	3,509	0.14	0.09	0.92	3,540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20	0.19	2.75	4.77	0.01	0.03	0.39	0.42	0.03	0.14	0.17	—	830	830	0.03	0.02	0.21	838
2026	1.33	1.31	2.11	3.63	0.01	0.02	0.12	0.15	0.02	0.02	0.05	—	581	581	0.02	0.01	0.15	586

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	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	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	—	437

Dust From Material Movement	—	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.09	0.85	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	137	137	0.01	0.01	0.02	139
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.4	38.4	< 0.005	0.01	0.05	40.2
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	—	1.93	1.93	< 0.005	< 0.005	< 0.005	1.96

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.36	6.36	< 0.005	< 0.005	0.01	6.65
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.99	0.95	18.9	35.4	0.06	0.17	—	0.17	0.17	—	0.17	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.95	18.9	35.4	0.06	0.17	—	0.17	0.17	—	0.17	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	3.88	7.27	0.01	0.04	—	0.04	0.03	—	0.03	—	1,356	1,356	0.06	0.01	—	1,361
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	—	1.45	1.45	< 0.005	< 0.005	< 0.005	1.52

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.71	1.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	224	224	0.01	< 0.005	—	225
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.08	1.32	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	177	177	0.01	0.01	0.68	180
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
Hauling	0.06	0.03	1.47	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,176	1,176	0.03	0.19	2.83	1,236
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	0.97	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	156	156	0.01	0.01	0.02	159
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
Hauling	0.05	0.03	1.57	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,177	1,177	0.03	0.19	0.07	1,234
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.0	96.0	< 0.005	0.01	0.11	100
Hauling	0.01	0.01	0.32	0.08	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.04	0.25	254
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.52	5.52	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.02	16.6
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.0	40.0	< 0.005	0.01	0.04	42.0

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	1.25	1.13	18.4	30.0	0.05	0.23	—	0.23	0.21	—	0.21	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.25	1.13	18.4	30.0	0.05	0.23	—	0.23	0.21	—	0.21	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.48	7.86	12.8	0.02	0.10	—	0.10	0.09	—	0.09	—	2,046	2,046	0.08	0.02	—	2,053
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.09	1.43	2.33	< 0.005	0.02	—	0.02	0.02	—	0.02	—	339	339	0.01	< 0.005	—	340
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.38	0.28	4.44	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	596	596	0.03	0.02	2.30	606
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.36	0.33	0.34	3.26	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	526	526	0.04	0.02	0.06	534
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.15	0.14	0.13	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	233	233	0.01	0.01	0.42	237
Vendor	0.01	0.01	0.29	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	199	199	< 0.005	0.03	0.23	209
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	0.03	0.03	0.02	0.27	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.07	39.2
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33.0	33.0	< 0.005	< 0.005	0.04	34.5
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.10	18.3	29.9	0.05	0.21	—	0.21	0.20	—	0.20	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.87	6.87	< 0.005	< 0.005	0.01	7.22
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22	1.10	18.3	29.9	0.05	0.21	—	0.21	0.20	—	0.20	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.71	0.65	10.8	17.6	0.03	0.12	—	0.12	0.12	—	0.12	—	2,815	2,815	0.11	0.02	—	2,824
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	4.05	4.05	< 0.005	< 0.005	< 0.005	4.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	1.97	3.21	0.01	0.02	—	0.02	0.02	—	0.02	—	466	466	0.02	< 0.005	—	468
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.24	4.08	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	583	583	0.03	0.02	2.10	593
Vendor	0.03	0.02	0.61	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	1.13	481
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	0.34	0.30	0.32	3.00	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	515	515	0.03	0.02	0.05	523
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.20	0.19	0.16	1.87	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	314	314	0.02	0.01	0.53	319
Vendor	0.02	0.01	0.38	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	0.29	282
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	0.04	0.03	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.0	52.0	< 0.005	< 0.005	0.09	52.8
Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.6	44.6	< 0.005	0.01	0.05	46.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	1.02	1.60	< 0.005	0.02	—	0.02	0.01	—	0.01	—	228	228	0.01	< 0.005	—	229
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.7	37.7	< 0.005	< 0.005	—	37.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.99	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	133	133	0.01	0.01	0.51	135

Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.4	70.4	< 0.005	0.01	0.08	73.7
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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	41.9	41.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.1	20.1	< 0.005	< 0.005	—	20.2

Architectural Coating	6.32	6.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.33	3.33	< 0.005	< 0.005	—	3.34
Architectural Coatings	1.15	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.60	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	0.01	< 0.005	0.01	105
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.1	69.1	< 0.005	0.01	0.07	72.4
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.01	12.0

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

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	1/1/2025	2/11/2025	5.00	30.0	—
Grading	Grading	2/12/2025	5/27/2025	5.00	75.0	—
Building Construction	Building Construction	5/28/2025	10/27/2026	5.00	370	—
Paving	Paving	5/28/2025	8/12/2025	5.00	55.0	—
Architectural Coating	Architectural Coating	10/1/2026	12/16/2026	5.00	55.0	—

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/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
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/Backhoes	Diesel	Tier 4 Interim	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38

Grading	Tractors/Loaders/Back	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Interim	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	6.00	7.00	84.0	0.37
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	11.4	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	7.43	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.4	LDA,LDT1,LDT2
Grading	Vendor	20.0	7.43	HHDT,MHDT
Grading	Hauling	16.7	20.0	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—

Building Construction	Worker	67.3	11.4	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	7.43	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.4	LDA,LDT1,LDT2
Paving	Vendor	20.0	7.43	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	11.4	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	7.43	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	11.4	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	7.43	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.4	LDA,LDT1,LDT2
Grading	Vendor	20.0	7.43	HHDT,MHDT
Grading	Hauling	16.7	20.0	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—

Building Construction	Worker	67.3	11.4	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	7.43	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.4	LDA,LDT1,LDT2
Paving	Vendor	20.0	7.43	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	11.4	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	7.43	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	738,416	246,139	0.00	0.00	5,227

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	45.0	0.00	—
Grading	5,000	5,000	225	0.00	—
Paving	0.00	0.00	0.00	0.00	4.06

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
Single Family Housing	2.06	0%
Other Asphalt Surfaces	2.00	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	453	0.03	< 0.005
2026	0.00	453	0.03	< 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

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

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

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

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	The Plum Blossom Estates Project includes the construction and development of 187 single family residences on 39.61 acres in the City of Farmersville. Two (2) additional acres included to account for off-site improvements.
Construction: Construction Phases	No demolition required.

Construction: Off-Road Equipment	Doubled equipment in the building construction phase to retain overall default HP hours, as duration was halved to match anticipated construction schedule.
Operations: Fleet Mix	Construction run only
Operations: Hearths	Construction run only

Plumb Blossom Estates (Mitigated Construction – Level 3 Filters Scenario) Custom Report

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5.18.2.1. Unmitigated

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Plumb Blossom Estates (Mitigated Construction – Level 3 Filters Scenario)
Construction Start Date	1/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	24.4
Location	36.303514, -119.218297
County	Tulare
City	Farmersville
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2757
EDFZ	9
Electric Utility	Eastside Power Authority
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
Single Family Housing	187	Dwelling Unit	39.6	364,650	2,190,304	—	632	—

Other Asphalt Surfaces	2.00	Acre	2.00	0.00	13,068	—	—	Off-site improvements

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	4.30	3.65	31.9	42.0	0.07	1.26	4.56	5.82	1.16	1.62	2.78	—	8,426	8,426	0.31	0.32	5.37	8,534
2026	2.97	2.51	20.6	30.3	0.05	0.76	1.04	1.80	0.70	0.20	0.90	—	5,843	5,843	0.23	0.13	3.24	5,892
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.06	3.41	32.4	31.3	0.07	1.37	8.30	9.68	1.26	4.04	5.31	—	8,407	8,407	0.31	0.32	0.12	8,510
2026	45.1	44.6	22.3	31.2	0.06	0.79	1.64	2.44	0.73	0.30	1.03	—	6,479	6,479	0.26	0.21	0.12	6,547
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.65	2.23	19.8	23.1	0.04	0.80	2.13	2.92	0.73	0.76	1.50	—	5,013	5,013	0.20	0.14	1.27	5,063
2026	8.07	7.80	12.4	17.5	0.03	0.45	0.68	1.13	0.42	0.13	0.54	—	3,509	3,509	0.14	0.09	0.92	3,540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.48	0.41	3.62	4.22	0.01	0.15	0.39	0.53	0.13	0.14	0.27	—	830	830	0.03	0.02	0.21	838
2026	1.47	1.42	2.26	3.20	0.01	0.08	0.12	0.21	0.08	0.02	0.10	—	581	581	0.02	0.01	0.15	586

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	4.30	3.65	31.9	42.0	0.07	0.39	4.56	4.82	0.36	1.62	1.86	—	8,426	8,426	0.31	0.32	5.37	8,534
2026	2.97	2.51	20.6	30.3	0.05	0.23	1.04	1.27	0.22	0.20	0.41	—	5,843	5,843	0.23	0.13	3.24	5,892
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.06	3.41	32.4	31.3	0.07	0.26	8.30	8.51	0.24	4.04	4.24	—	8,407	8,407	0.31	0.32	0.12	8,510
2026	45.1	44.6	22.3	31.2	0.06	0.26	1.64	1.91	0.24	0.30	0.54	—	6,479	6,479	0.26	0.21	0.12	6,547
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.65	2.23	19.8	23.1	0.04	0.20	2.13	2.33	0.19	0.76	0.95	—	5,013	5,013	0.20	0.14	1.27	5,063
2026	8.07	7.80	12.4	17.5	0.03	0.14	0.68	0.82	0.13	0.13	0.26	—	3,509	3,509	0.14	0.09	0.92	3,540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.48	0.41	3.62	4.22	0.01	0.04	0.39	0.42	0.03	0.14	0.17	—	830	830	0.03	0.02	0.21	838
2026	1.47	1.42	2.26	3.20	0.01	0.03	0.12	0.15	0.02	0.02	0.05	—	581	581	0.02	0.01	0.15	586

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (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	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.60	2.48	< 0.005	0.11	—	0.11	0.10	—	0.10	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.47	0.45	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.09	0.85	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	137	137	0.01	0.01	0.02	139
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.4	38.4	< 0.005	0.01	0.05	40.2
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	—	1.93	1.93	< 0.005	< 0.005	< 0.005	1.96
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.36	6.36	< 0.005	< 0.005	0.01	6.65
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (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	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.60	2.48	< 0.005	0.02	—	0.02	0.02	—	0.02	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.63	0.63	—	0.32	0.32	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.47	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.09	0.85	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	137	137	0.01	0.01	0.02	139
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.4	38.4	< 0.005	0.01	0.05	40.2
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	—	1.93	1.93	< 0.005	< 0.005	< 0.005	1.96
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.36	6.36	< 0.005	< 0.005	0.01	6.65
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	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.80	3.20	29.7	28.3	0.06	1.23	—	1.23	1.14	—	1.14	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	0.66	6.10	5.82	0.01	0.25	—	0.25	0.23	—	0.23	—	1,356	1,356	0.06	0.01	—	1,361
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	—	1.45	1.45	< 0.005	< 0.005	< 0.005	1.52
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.11	1.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	224	224	0.01	< 0.005	—	225
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.08	1.32	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	177	177	0.01	0.01	0.68	180
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
Hauling	0.06	0.03	1.47	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,176	1,176	0.03	0.19	2.83	1,236
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	0.97	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	156	156	0.01	0.01	0.02	159
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
Hauling	0.05	0.03	1.57	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,177	1,177	0.03	0.19	0.07	1,234
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.0	96.0	< 0.005	0.01	0.11	100
Hauling	0.01	0.01	0.32	0.08	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.04	0.25	254
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.52	5.52	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.02	16.6
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.0	40.0	< 0.005	0.01	0.04	42.0

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	3.80	3.20	29.7	28.3	0.06	0.23	—	0.23	0.21	—	0.21	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.80	3.20	29.7	28.3	0.06	0.23	—	0.23	0.21	—	0.21	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.43	1.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	0.66	6.10	5.82	0.01	0.05	—	0.05	0.04	—	0.04	—	1,356	1,356	0.06	0.01	—	1,361
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	—	1.45	1.45	< 0.005	< 0.005	< 0.005	1.52
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.11	1.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	224	224	0.01	< 0.005	—	225

Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.08	1.32	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	177	177	0.01	0.01	0.68	180
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
Hauling	0.06	0.03	1.47	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,176	1,176	0.03	0.19	2.83	1,236
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	0.97	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	156	156	0.01	0.01	0.02	159
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
Hauling	0.05	0.03	1.57	0.37	0.01	0.02	0.31	0.33	0.02	0.08	0.11	—	1,177	1,177	0.03	0.19	0.07	1,234
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.0	96.0	< 0.005	0.01	0.11	100
Hauling	0.01	0.01	0.32	0.08	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.04	0.25	254
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.52	5.52	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.02	16.6
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.0	40.0	< 0.005	0.01	0.04	42.0

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	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.69	2.25	20.9	26.1	0.05	0.86	—	0.86	0.79	—	0.79	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.15	0.96	8.91	11.1	0.02	0.37	—	0.37	0.34	—	0.34	—	2,046	2,046	0.08	0.02	—	2,053
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.63	2.03	< 0.005	0.07	—	0.07	0.06	—	0.06	—	339	339	0.01	< 0.005	—	340
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.38	0.28	4.44	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	596	596	0.03	0.02	2.30	606
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.36	0.33	0.34	3.26	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	526	526	0.04	0.02	0.06	534
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.15	0.14	0.13	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	233	233	0.01	0.01	0.42	237
Vendor	0.01	0.01	0.29	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	199	199	< 0.005	0.03	0.23	209
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	0.03	0.03	0.02	0.27	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.07	39.2
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33.0	33.0	< 0.005	< 0.005	0.04	34.5
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 Equipm	2.69	2.25	20.9	26.1	0.05	0.25	—	0.25	0.23	—	0.23	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.69	2.25	20.9	26.1	0.05	0.25	—	0.25	0.23	—	0.23	—	4,795	4,795	0.19	0.04	—	4,812
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.08	7.08	< 0.005	< 0.005	< 0.005	7.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.15	0.96	8.91	11.1	0.02	0.11	—	0.11	0.10	—	0.10	—	2,046	2,046	0.08	0.02	—	2,053
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.63	2.03	< 0.005	0.02	—	0.02	0.02	—	0.02	—	339	339	0.01	< 0.005	—	340
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.38	0.28	4.44	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	596	596	0.03	0.02	2.30	606
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.36	0.33	0.34	3.26	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	526	526	0.04	0.02	0.06	534
Vendor	0.03	0.02	0.68	0.24	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	468	468	0.01	0.07	0.03	489
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	0.15	0.14	0.13	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	233	233	0.01	0.01	0.42	237
Vendor	0.01	0.01	0.29	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	199	199	< 0.005	0.03	0.23	209
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	0.03	0.03	0.02	0.27	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.6	38.6	< 0.005	< 0.005	0.07	39.2
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33.0	33.0	< 0.005	< 0.005	0.04	34.5
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.87	6.87	< 0.005	< 0.005	0.01	7.22
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.56	2.14	19.7	25.9	0.05	0.76	—	0.76	0.70	—	0.70	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	1.50	1.26	11.6	15.2	0.03	0.44	—	0.44	0.41	—	0.41	—	2,815	2,815	0.11	0.02	—	2,824
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	4.05	4.05	< 0.005	< 0.005	< 0.005	4.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.27	0.23	2.11	2.78	0.01	0.08	—	0.08	0.07	—	0.07	—	466	466	0.02	< 0.005	—	468
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.24	4.08	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	583	583	0.03	0.02	2.10	593
Vendor	0.03	0.02	0.61	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	1.13	481
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	0.34	0.30	0.32	3.00	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	515	515	0.03	0.02	0.05	523
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.20	0.19	0.16	1.87	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	314	314	0.02	0.01	0.53	319
Vendor	0.02	0.01	0.38	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	0.29	282
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	0.04	0.03	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.0	52.0	< 0.005	< 0.005	0.09	52.8
Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.6	44.6	< 0.005	0.01	0.05	46.7
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.23	—	0.23	0.21	—	0.21	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.87	6.87	< 0.005	< 0.005	0.01	7.22
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.7	25.9	0.05	0.23	—	0.23	0.21	—	0.21	—	4,794	4,794	0.19	0.04	—	4,811
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	1.50	1.26	11.6	15.2	0.03	0.13	—	0.13	0.12	—	0.12	—	2,815	2,815	0.11	0.02	—	2,824
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	4.05	4.05	< 0.005	< 0.005	< 0.005	4.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.23	2.11	2.78	0.01	0.02	—	0.02	0.02	—	0.02	—	466	466	0.02	< 0.005	—	468
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.70
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.24	4.08	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	583	583	0.03	0.02	2.10	593
Vendor	0.03	0.02	0.61	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	1.13	481
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	0.34	0.30	0.32	3.00	0.00	0.00	0.54	0.54	0.00	0.13	0.13	—	515	515	0.03	0.02	0.05	523
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.20	0.19	0.16	1.87	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	314	314	0.02	0.01	0.53	319
Vendor	0.02	0.01	0.38	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	0.29	282
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	0.04	0.03	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.0	52.0	< 0.005	< 0.005	0.09	52.8
Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.6	44.6	< 0.005	0.01	0.05	46.7

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	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.50	< 0.005	0.05	—	0.05	0.05	—	0.05	—	228	228	0.01	< 0.005	—	229
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.7	37.7	< 0.005	< 0.005	—	37.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.99	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	133	133	0.01	0.01	0.51	135
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.4	70.4	< 0.005	0.01	0.08	73.7
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
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	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	7.00	7.00	< 0.005	< 0.005	0.01	7.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.50	< 0.005	0.02	—	0.02	0.02	—	0.02	—	228	228	0.01	< 0.005	—	229
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.7	37.7	< 0.005	< 0.005	—	37.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.99	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	133	133	0.01	0.01	0.51	135
Vendor	0.03	0.02	0.64	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	467	467	0.01	0.07	1.27	489
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	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.4	70.4	< 0.005	0.01	0.08	73.7
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
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	41.9	41.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.1	20.1	< 0.005	< 0.005	—	20.2
Architectural Coatings	6.32	6.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.33	3.33	< 0.005	< 0.005	—	3.34
Architectural Coatings	1.15	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.60	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	0.01	< 0.005	0.01	105
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4

Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.1	69.1	< 0.005	0.01	0.07	72.4
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.01	12.0
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

3.12. 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	41.9	41.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.37	0.37	< 0.005	0.04	0.04	—	6.95	6.95	< 0.005	< 0.005	< 0.005	7.29
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.1	20.1	< 0.005	< 0.005	—	20.2

Architectural	6.32	6.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.33	3.33	< 0.005	< 0.005	—	3.34
Architectural Coatings	1.15	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.60	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	0.01	< 0.005	0.01	105
Vendor	0.03	0.02	0.65	0.23	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	459	459	0.01	0.07	0.03	480
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	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.1	69.1	< 0.005	0.01	0.07	72.4
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.01	12.0
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

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—203

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	1/1/2025	2/11/2025	5.00	30.0	—
Grading	Grading	2/12/2025	5/27/2025	5.00	75.0	—
Building Construction	Building Construction	5/28/2025	10/27/2026	5.00	370	—
Paving	Paving	5/28/2025	8/12/2025	5.00	55.0	—
Architectural Coating	Architectural Coating	10/1/2026	12/16/2026	5.00	55.0	—

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	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
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/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40

Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
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	11.4	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	7.43	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.4	LDA,LDT1,LDT2
Grading	Vendor	20.0	7.43	HHDT,MHDT
Grading	Hauling	16.7	20.0	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	67.3	11.4	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	7.43	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.4	LDA,LDT1,LDT2
Paving	Vendor	20.0	7.43	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	11.4	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	7.43	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	11.4	LDA,LDT1,LDT2
Site Preparation	Vendor	20.0	7.43	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	2.00	0.50	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.4	LDA,LDT1,LDT2
Grading	Vendor	20.0	7.43	HHDT,MHDT
Grading	Hauling	16.7	20.0	HHDT
Grading	Onsite truck	2.00	0.50	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	67.3	11.4	LDA,LDT1,LDT2
Building Construction	Vendor	20.0	7.43	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	2.00	0.50	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.4	LDA,LDT1,LDT2
Paving	Vendor	20.0	7.43	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	2.00	0.50	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	13.5	11.4	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	7.43	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	2.00	0.50	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	738,416	246,139	0.00	0.00	5,227

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	45.0	0.00	—
Grading	5,000	5,000	225	0.00	—
Paving	0.00	0.00	0.00	0.00	4.06

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
Single Family Housing	2.06	0%
Other Asphalt Surfaces	2.00	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	453	0.03	< 0.005
2026	0.00	453	0.03	< 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

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

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

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

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	The Plum Blossom Estates Project includes the construction and development of 187 single family residences on 39.61 acres in the City of Farmersville. Two (2) additional acres included to account for off-site improvements.
Construction: Construction Phases	No demolition required.
Construction: Off-Road Equipment	Doubled equipment in the building construction phase to retain overall default HP hours, as duration was halved to match anticipated construction schedule.

Operations: Fleet Mix	Construction run only
Operations: Hearths	Construction run only

ATTACHMENT B

Construction Health Risk Assessment and Operational Health Risk Screening

Health Risk Assessment

General Parameters

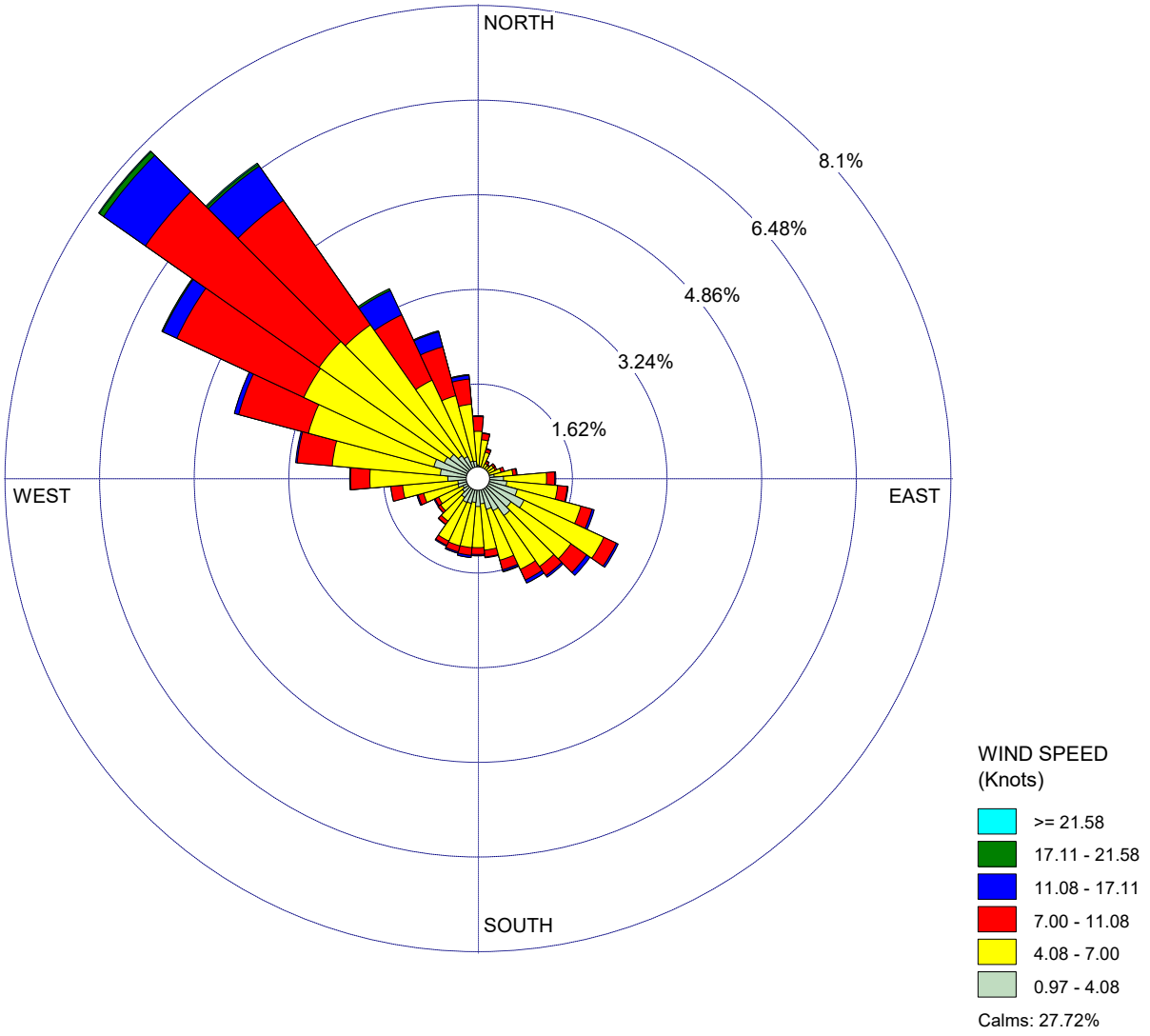

Maximally Exposed Receptor
Plumb Blossom Project Construction
Legend
Maximally Exposed Receptor (MER)
Project Site
N Virginia Ave
W Ash St
700 ft
N
Google Earth
Image © 2024 Airbus

WIND ROSE PLOT:

Wind Rose – Station #93144 – Blowing From

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 1/1/2007 - 00:00** **End Date: 12/31/2010 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **27.72%**	TOTAL COUNT: **34418 hrs.**	
	AVG. WIND SPEED: **4.39 Knots**	DATE: **9/16/2024**	PROJECT NO.:

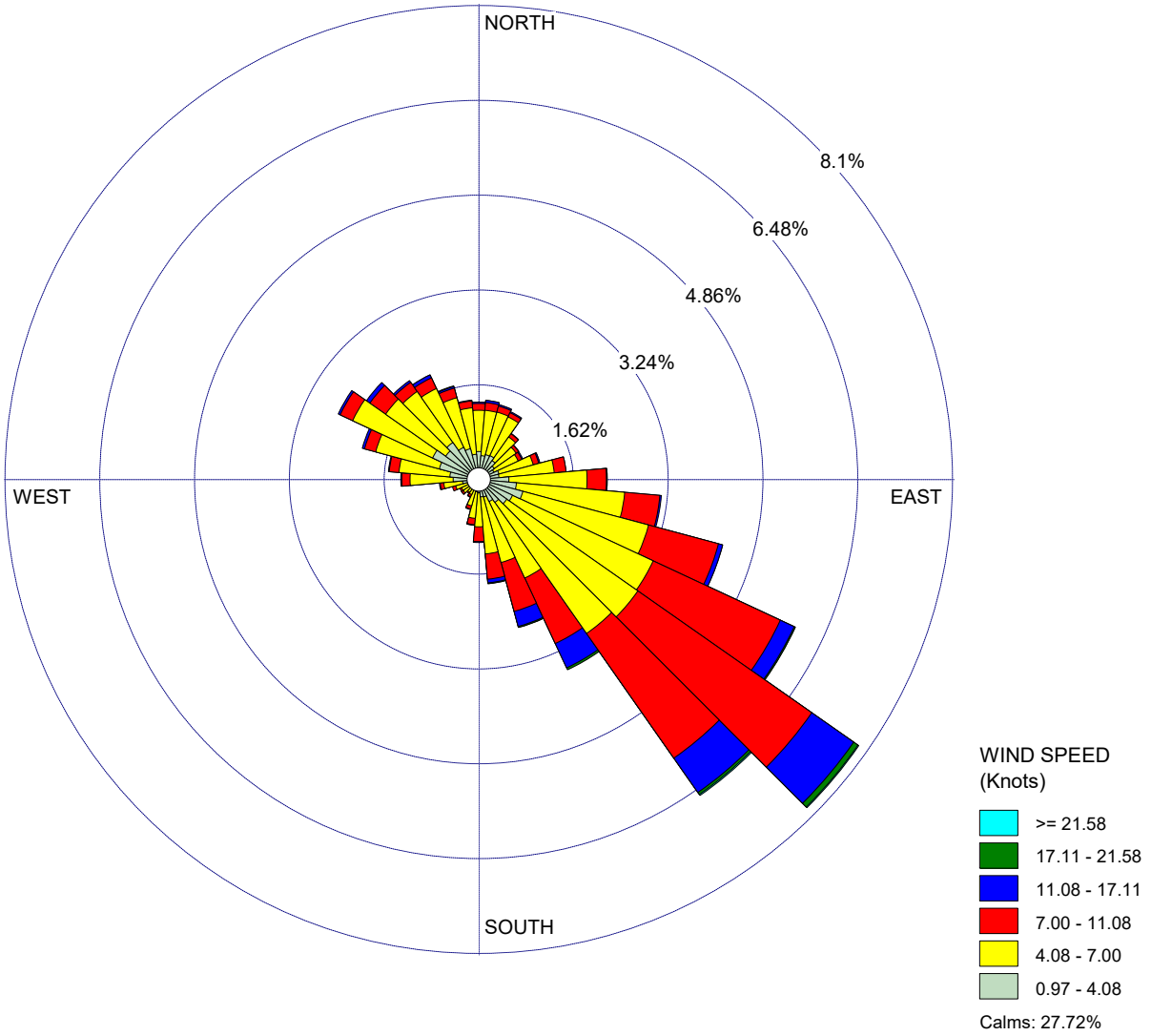
WRPLOT View - Lakes Environmental Software

WIND ROSE PLOT:

Wind Rose – Station #93144 – Blowing To

DISPLAY:

Wind Speed
Flow Vector (blowing to)



COMMENTS:	DATA PERIOD: **Start Date: 1/1/2007 - 00:00** **End Date: 12/31/2010 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **27.72%**	TOTAL COUNT: **34418 hrs.**	
	AVG. WIND SPEED: **4.39 Knots**	DATE: **9/16/2024**	PROJECT NO.:

WRPLOT View - Lakes Environmental Software

Health Risk Assessment

Unmitigated Construction

Plumb Blossom Estates Project (Unmitigated Construction)

Estimation of Annual Onsite Construction Emissions

Start of Construction	1/1/2025	
End of Construction	12/16/2026	**Total**
Number of Days	714	714
Number of Hours	17,136	17,136

Size of the construction area source: **166,972.9** **sq-meters**

Run	Year	On-site Construction Activity	Unmitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	40.9666
Project Construction	2025	Grading	92.6231
Project Construction	2025	Paving	19.1724
Project Construction	2025	Building Construction	134.4875
Project Construction	2026	Building Construction	162.2803
Project Construction	2026	Architectural Coating	1.2734

Total Unmitigated DPM (On-site) 4.508E+02 pounds

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

Average Emission for AREA	2.047E+05	grams
	3.318E-03	grams/sec
	1.987E-08	grams/m2-sec

Pounds/Construction Period	4.508E+02
Pounds/Day	6.314E-01
Pounds/Hour	2.631E-02
Pounds/Year	2.305E+02
Years	1.95616

Plumb Blossom Estates Project (Unmitigated Construction)

Estimation of Annual Offsite Construction DPM Emissions (Unmitigated)

Start of Construction		1/1/2025				
End of Construction		12/16/2026				**Total**
Number of Days		714				714
Number of Hours		17,136				17,136
	2025	2025	2025	2025 +2026	2026	
	Project Construction	Project Construction	Project Construction	Project Construction	Project Construction	
Construction Trip Type	Site Preparation	Grading	Paving	Building Construction	Architectural Coating	**Total (pounds)**
Total (pounds)	0.19845	2.14960	0.36383	2.447586692	0.36383	**5.52330**

	Haul Truck	**Vendor Truck**	**Worker**	**Total**
Site Preparation	0.00	599.71	525.00	1,124.71
Grading	1,250.00	1,499.27	1,500.00	4,249.27
Paving	0.00	1,099.47	825.00	1,924.47
Building Construction (2025 + 2026)	0.00	7,396.41	24,908.40	32,304.81
Architectural Coating	0.00	1,099.47	740.52	1,839.99
Total	**1,250.00**	**11,694.33**	**28,498.92**	**41,443.25**

	Haul Truck (pounds)	**Vendor Truck (pounds)**	**Worker (pounds)**	**Total (pounds)**
Total DPM	1.666E-01	1.559E+00	3.798E+00	5.523E+00
Average Emissions				
Grams	7.563E+01	7.076E+02	1.724E+03	
Grams/sec	1.226E-06	1.147E-05	2.795E-05	
Default Distance	20	7.43	11.41	Default Vehicle Travel Distance in CalEEMod

Vehicle Travel Distances in the Construction HRA (miles)				
Off-site Road Segment 1	0.49	0.49	0.49	miles
Off-site Road Segment 2	0.55	0.55	0.55	miles
On-site Travel	0.85	0.85	0.85	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
On-site Travel	100.0%	100.0%	100.0%	on-site

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**	
Off-site Road Segment 1	1.497E-08	3.771E-07	5.984E-07	9.905E-07	Off-site Road Segment 1
Off-site Road Segment 2	1.699E-08	4.280E-07	6.791E-07	1.124E-06	Off-site Road Segment 2
On-site Travel	5.195E-08	0.000E+00	2.076E-06	2.128E-06	On-site, on-road construction vehicle travel

	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year
Off-site Road Segment 1	9.905E-07	7.861E-06	1.887E-04	6.887E-02	3.443E-05
Off-site Road Segment 2	1.124E-06	8.922E-06	2.141E-04	7.815E-02	3.908E-05
On-site Travel	2.128E-06	1.689E-05	4.053E-04	2.894E-01	1.447E-04

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

Plumb Blossom Estates Project (Unmitigated Construction)

	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	2.0969E-05	20.97	1.2499E-02	0.00E+00

	X	Y
MEI UTM	301056.23	4019874.77
Lat/Long	36°18'12.1"N	119°12'56.6"W
Receptor #	785	

*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Cancer Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Chronic Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Acute Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra

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

Plumb Blossom Estates Project (Unmitigated Construction)

	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	2.0969E-05	20.97	1.2499E-02	0.00E+00

	X	Y
MEI UTM	301056.23	4019874.77
Lat/Long	36°18'12.1"N	119°12'56.6"W
Receptor #	785	

*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Cancer Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Chronic Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 11:55:25 AM - Acute Risk - Input File: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	301075.66	4020008.19	1.30690E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.791E-03	0.00E+00
2	ALL	301058.94	4019969.10	1.88200E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.122E-02	0.00E+00
3	ALL	301060.80	4019929.61	1.92840E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.150E-02	0.00E+00
4	ALL	301059.44	4019892.15	2.00550E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.196E-02	0.00E+00
5	ALL	301058.08	4019854.68	2.04830E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.221E-02	0.00E+00
6	ALL	301056.72	4019817.21	2.06210E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.229E-02	0.00E+00
7	ALL	301055.36	4019779.75	2.04430E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.219E-02	0.00E+00
8	ALL	301053.73	4019745.78	2.00230E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.194E-02	0.00E+00
9	ALL	301051.86	4019666.52	1.55260E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.255E-03	0.00E+00
10	ALL	301109.50	4020110.44	3.82620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.281E-03	0.00E+00
11	ALL	301066.52	4020161.28	3.76580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.245E-03	0.00E+00
12	ALL	301113.13	4020006.83	7.81310E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.657E-03	0.00E+00
13	ALL	301111.77	4019969.36	9.19220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.479E-03	0.00E+00
14	ALL	301110.41	4019931.90	1.02480E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.109E-03	0.00E+00
15	ALL	301109.06	4019894.43	1.09690E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.539E-03	0.00E+00
16	ALL	301107.70	4019856.96	1.14380E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.818E-03	0.00E+00
17	ALL	301106.34	4019819.50	1.16920E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.970E-03	0.00E+00
18	ALL	301104.98	4019782.03	1.17420E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.999E-03	0.00E+00
19	ALL	301103.62	4019744.56	1.15710E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.897E-03	0.00E+00
20	ALL	301101.65	4019659.56	9.67580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.768E-03	0.00E+00
21	ALL	301140.74	4020109.86	3.00280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.790E-03	0.00E+00
22	ALL	301099.11	4020162.54	2.94970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.758E-03	0.00E+00
23	ALL	301147.64	4020007.89	5.33380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.179E-03	0.00E+00
24	ALL	301141.97	4019956.96	6.89750E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.112E-03	0.00E+00
25	ALL	301147.89	4019930.54	6.99590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.170E-03	0.00E+00
26	ALL	301146.53	4019893.07	7.63970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.554E-03	0.00E+00
27	ALL	301145.17	4019855.60	8.07830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.815E-03	0.00E+00
28	ALL	301143.81	4019818.14	8.35580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.981E-03	0.00E+00
29	ALL	301142.45	4019780.67	8.47880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.054E-03	0.00E+00
30	ALL	301141.09	4019743.20	8.43810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.030E-03	0.00E+00
31	ALL	301138.38	4019668.27	7.66440E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.569E-03	0.00E+00
32	ALL	301180.94	4020105.77	2.34390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.397E-03	0.00E+00
33	ALL	301161.22	4020159.23	2.02300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.206E-03	0.00E+00
34	ALL	301137.19	4020189.62	2.02300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.206E-03	0.00E+00
35	ALL	301055.65	4020229.32	2.60020E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.550E-03	0.00E+00
36	ALL	301188.08	4020004.11	3.81240E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.273E-03	0.00E+00
37	ALL	301178.91	4019958.56	4.91790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.932E-03	0.00E+00
38	ALL	301185.37	4019929.18	5.09410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.037E-03	0.00E+00
39	ALL	301184.01	4019891.71	5.60200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.339E-03	0.00E+00
40	ALL	301182.65	4019854.24	6.00840E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.582E-03	0.00E+00
41	ALL	301181.29	4019816.78	6.28330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.745E-03	0.00E+00
42	ALL	301179.93	4019779.31	6.43690E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.837E-03	0.00E+00
43	ALL	301178.57	4019741.85	6.46540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.854E-03	0.00E+00
44	ALL	301195.62	4019684.44	5.55480E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.311E-03	0.00E+00
45	ALL	301203.62	4020144.51	1.70830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.018E-03	0.00E+00
46	ALL	301111.27	4020246.78	1.81300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.081E-03	0.00E+00
47	ALL	301225.56	4020002.75	2.92450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.743E-03	0.00E+00
48	ALL	301216.66	4019959.09	3.67680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.192E-03	0.00E+00
49	ALL	301222.84	4019927.82	3.87830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.312E-03	0.00E+00
50	ALL	301221.48	4019890.35	4.28640E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.555E-03	0.00E+00
51	ALL	301220.12	4019852.88	4.62040E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.754E-03	0.00E+00
52	ALL	301218.76	4019815.42	4.87970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.909E-03	0.00E+00
53	ALL	301217.40	4019777.95	5.04330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.006E-03	0.00E+00
54	ALL	301216.04	4019740.49	5.11410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.048E-03	0.00E+00
55	ALL	301237.19	4019639.45	4.17240E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.487E-03	0.00E+00
56	ALL	301253.92	4020108.40	1.54430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.205E-04	0.00E+00
57	ALL	301239.16	4020176.33	1.27000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.570E-04	0.00E+00
58	ALL	301166.90	4020270.40	1.28060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.634E-04	0.00E+00
59	ALL	301113.70	4020280.21	1.56870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.351E-04	0.00E+00
60	ALL	301258.45	4020007.35	2.33760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.393E-03	0.00E+00
61	ALL	301252.25	4019955.03	2.94250E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.754E-03	0.00E+00
62	ALL	301260.32	4019926.46	3.05450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.821E-03	0.00E+00
63	ALL	301258.96	4019888.99	3.38280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.016E-03	0.00E+00
64	ALL	301257.60	4019851.53	3.66330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.184E-03	0.00E+00
65	ALL	301256.24	4019814.06	3.88440E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.315E-03	0.00E+00
66	ALL	301254.88	4019776.59	4.03900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.408E-03	0.00E+00
67	ALL	301253.52	4019739.13	4.13710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.466E-03	0.00E+00
68	ALL	301237.38	4019679.48	4.40300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.625E-03	0.00E+00
69	ALL	301291.72	4020106.15	1.30890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.802E-04	0.00E+00
70	ALL	301268.71	4020168.52	1.14970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.853E-04	0.00E+00
71	ALL	301245.70	4020230.89	1.03080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.144E-04	0.00E+00
72	ALL	301201.48	4020270.07	1.10450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.584E-04	0.00E+00
73	ALL	301143.89	4020319.50	1.20720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.196E-04	0.00E+00
74	ALL	301060.90	4020335.56	1.55700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.281E-04	0.00E+00
75	ALL	301294.32	4020000.26	1.96500E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.171E-03	0.00E+00
76	ALL	301309.66	4019954.75	2.12220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.265E-03	0.00E+00
77	ALL	301297.79	4019925.10	2.47100E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.473E-03	0.00E+00
78	ALL	301296.43	4019887.63	2.73520E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.630E-03	0.00E+00
79	ALL	301295.07	4019850.17	2.96810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.769E-03	0.00E+00
80	ALL	301293.71	4019812.70	3.15920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.883E-03	0.00E+00
81	ALL	301292.35	4019775.23	3.30220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.968E-03	0.00E+00
82	ALL	301291.00	4019737.77	3.40050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.027E-03	0.00E+00
83	ALL	301288.28	4019662.83	3.38960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.021E-03	0.00E+00
84	ALL	301324.57	4020107.12	1.13630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.773E-04	0.00E+00
85	ALL	301306.89	4020165.25	9.97280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.945E-04	0.00E+00
86	ALL	301284.35	4020226.35	8.96810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.346E-04	0.00E+00
87	ALL	301232.33	4020301.26	8.95540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.338E-04	0.00E+00
88	ALL	301159.39	4020318.12	1.14010E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.796E-04	0.00E+00
89	ALL	301113.79	4020364.65	1.17030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.976E-04	0.00E+00
90	ALL	301333.40	4019998.67	1.62870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.708E-04	0.00E+00
91	ALL	301336.63	4019961.21	1.81330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.081E-03	0.00E+00
92	ALL	301335.27	4019923.74	2.04060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.216E-03	0.00E+00
93	ALL	301333.91	4019886.27	2.25470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.344E-03	0.00E+00
94	ALL	301332.55	4019848.81	2.44800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.459E-03	0.00E+00
95	ALL	301331.19	4019811.34	2.61150E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.557E-03	0.00E+00
96	ALL	301329.83	4019773.87	2.74140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.634E-03	0.00E+00
97	ALL	301328.47	4019736.41	2.83810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.692E-03	0.00E+00
98	ALL	301325.75	4019661.47	2.87180E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.712E-03	0.00E+00
99	ALL	301428.95	4020101.66	7.92660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.725E-04	0.00E+00
100	ALL	301393.16	4020157.47	7.53990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.494E-04	0.00E+00
101	ALL	301382.20	4020228.38	6.40510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.818E-04	0.00E+00

102	ALL	301358.83	4020291.75	5.86800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.498E-04	0.00E+00
103	ALL	301304.87	4020369.43	5.97680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.563E-04	0.00E+00
104	ALL	301243.71	4020398.08	6.92790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.130E-04	0.00E+00
105	ALL	301182.55	4020426.72	7.93750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.731E-04	0.00E+00
106	ALL	301121.39	4020455.37	8.82250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.259E-04	0.00E+00
107	ALL	301425.09	4020000.09	1.10470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.585E-04	0.00E+00
108	ALL	301418.56	4019954.95	1.29200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.701E-04	0.00E+00
109	ALL	301419.66	4019915.67	1.42280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.481E-04	0.00E+00
110	ALL	301418.30	4019878.21	1.55660E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.279E-04	0.00E+00
111	ALL	301416.94	4019840.74	1.68260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.003E-03	0.00E+00
112	ALL	301413.13	4019806.40	1.81070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.079E-03	0.00E+00
113	ALL	301411.77	4019768.93	1.91110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.139E-03	0.00E+00
114	ALL	301410.41	4019731.47	1.99370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.188E-03	0.00E+00
115	ALL	301411.67	4019671.06	2.03800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.215E-03	0.00E+00
116	ALL	301487.94	4020167.66	5.57030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.320E-04	0.00E+00
117	ALL	301480.81	4020228.36	4.89820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.920E-04	0.00E+00
118	ALL	301456.90	4020293.16	4.47110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.665E-04	0.00E+00
119	ALL	301433.00	4020357.96	4.16690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.484E-04	0.00E+00
120	ALL	301377.82	4020437.41	4.29750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.562E-04	0.00E+00
121	ALL	301315.27	4020466.71	4.94400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.947E-04	0.00E+00
122	ALL	301252.72	4020496.01	5.64350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.364E-04	0.00E+00
123	ALL	301556.29	4019987.91	7.38680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.403E-04	0.00E+00
124	ALL	301554.94	4019950.44	8.08330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.818E-04	0.00E+00
125	ALL	301553.58	4019912.98	8.79460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.242E-04	0.00E+00
126	ALL	301552.22	4019879.02	9.45910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.638E-04	0.00E+00
127	ALL	301549.58	4019840.06	1.02460E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.108E-04	0.00E+00
128	ALL	301548.22	4019802.60	1.09430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.523E-04	0.00E+00
129	ALL	301546.86	4019765.13	1.16110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.921E-04	0.00E+00
130	ALL	301547.74	4019730.65	1.21000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.213E-04	0.00E+00
131	ALL	301546.55	4019667.68	1.27670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.610E-04	0.00E+00
132	ALL	301604.10	4020161.43	4.30260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.565E-04	0.00E+00
133	ALL	301579.82	4020227.23	3.92970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.342E-04	0.00E+00
134	ALL	301555.55	4020293.02	3.59030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.140E-04	0.00E+00
135	ALL	301531.27	4020358.82	3.30400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.969E-04	0.00E+00
136	ALL	301507.00	4020424.62	3.13010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.866E-04	0.00E+00
137	ALL	301450.97	4020505.29	3.26740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.948E-04	0.00E+00
138	ALL	301387.46	4020535.04	3.72210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.219E-04	0.00E+00
139	ALL	301323.95	4020564.79	4.22480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.518E-04	0.00E+00
140	ALL	301260.44	4020594.54	4.70380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.804E-04	0.00E+00
141	ALL	301637.79	4019987.80	5.88410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.507E-04	0.00E+00
142	ALL	301636.43	4019950.33	6.37860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.802E-04	0.00E+00
143	ALL	301635.07	4019912.86	6.88030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.101E-04	0.00E+00
144	ALL	301633.71	4019875.40	7.41080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.417E-04	0.00E+00
145	ALL	301632.35	4019837.93	7.94390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.735E-04	0.00E+00
146	ALL	301630.99	4019800.46	8.46960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.049E-04	0.00E+00
147	ALL	301629.63	4019763.00	8.97900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.352E-04	0.00E+00
148	ALL	301628.27	4019725.53	9.48550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.654E-04	0.00E+00
149	ALL	301625.56	4019650.60	1.01140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.029E-04	0.00E+00
150	ALL	301703.63	4020158.90	3.55550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.119E-04	0.00E+00
151	ALL	301679.08	4020225.43	3.27240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.951E-04	0.00E+00
152	ALL	301654.54	4020291.96	2.99980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.788E-04	0.00E+00
153	ALL	301630.00	4020358.49	2.74400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.636E-04	0.00E+00
154	ALL	301605.45	4020425.02	2.55010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.520E-04	0.00E+00
155	ALL	301580.91	4020491.55	2.45490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.463E-04	0.00E+00
156	ALL	301524.26	4020573.12	2.58810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.543E-04	0.00E+00
157	ALL	301460.04	4020603.19	2.92310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.742E-04	0.00E+00
158	ALL	301395.82	4020633.27	3.29230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.963E-04	0.00E+00
159	ALL	301331.60	4020663.35	3.65840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.181E-04	0.00E+00
160	ALL	301267.39	4020693.43	3.98820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.377E-04	0.00E+00
161	ALL	301737.72	4019984.17	4.65520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.775E-04	0.00E+00
162	ALL	301736.36	4019946.71	4.99490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.977E-04	0.00E+00
163	ALL	301735.00	4019909.24	5.34480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.186E-04	0.00E+00
164	ALL	301733.64	4019871.77	5.71320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.406E-04	0.00E+00
165	ALL	301732.29	4019834.31	6.10490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.639E-04	0.00E+00
166	ALL	301730.93	4019796.84	6.48900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.868E-04	0.00E+00
167	ALL	301729.57	4019759.37	6.86860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.094E-04	0.00E+00
168	ALL	301728.21	4019721.91	7.25300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.323E-04	0.00E+00
169	ALL	301725.49	4019646.97	7.78420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.640E-04	0.00E+00
170	ALL	301803.25	4020156.11	3.06600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.828E-04	0.00E+00
171	ALL	301778.50	4020223.20	2.82380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.683E-04	0.00E+00
172	ALL	301753.75	4020290.29	2.59590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.547E-04	0.00E+00
173	ALL	301729.00	4020357.38	2.36810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.412E-04	0.00E+00
174	ALL	301704.25	4020424.47	2.16750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.292E-04	0.00E+00
175	ALL	301679.50	4020491.56	2.03810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.215E-04	0.00E+00
176	ALL	301654.75	4020558.65	1.99240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.188E-04	0.00E+00
177	ALL	301597.63	4020640.90	2.11680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.262E-04	0.00E+00
178	ALL	301532.87	4020671.23	2.37150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.414E-04	0.00E+00
179	ALL	301468.11	4020701.56	2.64720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.578E-04	0.00E+00
180	ALL	301403.35	4020731.89	2.93320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.748E-04	0.00E+00
181	ALL	301338.60	4020762.22	3.20080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.908E-04	0.00E+00
182	ALL	301273.84	4020792.55	3.42830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.044E-04	0.00E+00
183	ALL	301861.56	4019938.22	3.99530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.382E-04	0.00E+00
184	ALL	301860.20	4019900.75	4.23450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.524E-04	0.00E+00
185	ALL	301858.85	4019863.29	4.48870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.676E-04	0.00E+00
186	ALL	301857.49	4019825.82	4.75930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.837E-04	0.00E+00
187	ALL	301856.13	4019788.36	5.02340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.994E-04	0.00E+00
188	ALL	301854.77	4019750.89	5.27800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.146E-04	0.00E+00
189	ALL	301853.41	4019713.42	5.51430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.287E-04	0.00E+00
190	ALL	301927.85	4020085.62	2.73670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.631E-04	0.00E+00
191	ALL	301915.40	4020119.38	2.67450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.594E-04	0.00E+00
192	ALL	301890.48	4020186.91	2.57810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.537E-04	0.00E+00
193	ALL	301865.57	4020254.44	2.52880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.507E-04	0.00E+00
194	ALL	301816.65	4020341.41	2.22130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.324E-04	0.00E+00
195	ALL	301815.75	4020389.51	2.00680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.196E-04	0.00E+00
196	ALL	301790.83	4020457.04	1.82490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.088E-04	0.00E+00
197	ALL	301765.92	4020524.57	1.70680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.017E-04	0.00E+00
198	ALL	301741.01	4020592.10	1.66210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.908E-05	0.00E+00
199	ALL	301716.10	4020659.63	1.67090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.960E-05	0.00E+00
200	ALL	301671.05	4020708.66	1.77620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.059E-04	0.00E+00
201	ALL	301605.87	4020739.19	1.97380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.177E-04	0.00E+00
202	ALL	301540.68	4020769.72	2.18500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.303E-04	0.00E+00
203	ALL	301475.50	4020800.25	2.40920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.436E-04	0.00E+00
204	ALL	301410.32	4020830.78	2.63000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.568E-04	0.00E+00
205	ALL	301345.13	4020861.31	2.82420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.684E-04	0.00E+00
206	ALL	301279.95	4020891.84	2.98690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.781E-04	0.00E+00
207	ALL	301214.77	4020922.37	3.12150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.861E-04	0.00E+00
208	ALL	301182.18	4020937.63	3.17570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.893E-04	0.00E+00
209	ALL	301116.99	4020968.16	3.25780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.942E-04	0.00E+00
210	ALL	301927.66	4020029.44	2.97430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.773E-04	0.00E+00
211	ALL	301918.08	4019976.24	3.28440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.958E-04	0.00E+00
212	ALL	301916.72	4019938.77	3.48260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.076E-04	0.00E+00
213	ALL	301915.37	4019901.30	3.68840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.199E-04	0.00E+00
214	ALL	301914.01	4019863.84	3.90690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.329E-04	0.00E+00
215	ALL	301932.15	4019827.06	3.96390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.363E-04	0.00E+00
216	ALL	301930.79	4019789.59	4.18180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.493E-04	0.00E+00
217	ALL	301929.44	4019752.12	4.39210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.618E-04	0.00E+00
218	ALL	301928.08	4019714.66	4.58580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.734E-04	0.00E+00
219	ALL	301914.67	4019639.72	5.02950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.998E-04	0.00E+00
220	ALL	301050.33	4019607.46	9.11330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.432E-03	0.00E+00
221	ALL	301049.11	4019569.98	6.72560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.009E-03	0.00E+00
222	ALL	301100.81	4019607.96	7.41980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.423E-03	0.00E+00

223	ALL	301092.57	4019549.28	5.33550E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.180E-03	0.00E+00
224	ALL	301141.73	4019642.62	6.94580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.140E-03	0.00E+00
225	ALL	301044.43	4019499.03	4.13320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.464E-03	0.00E+00
226	ALL	301095.78	4019530.91	4.74560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.829E-03	0.00E+00
227	ALL	301140.79	4019626.04	6.57950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.922E-03	0.00E+00
228	ALL	301044.49	4019466.64	3.39420E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.023E-03	0.00E+00
229	ALL	301095.39	4019478.87	3.53800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.109E-03	0.00E+00
230	ALL	301187.42	4019531.69	3.76880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.247E-03	0.00E+00
231	ALL	301235.70	4019599.43	3.88230E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.314E-03	0.00E+00
232	ALL	301044.61	4019429.94	2.75760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.644E-03	0.00E+00
233	ALL	301093.74	4019441.13	2.90240E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.730E-03	0.00E+00
234	ALL	301186.49	4019472.08	2.97590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.774E-03	0.00E+00
235	ALL	301230.51	4019510.87	3.08680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.840E-03	0.00E+00
236	ALL	301235.87	4019583.96	3.73990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.229E-03	0.00E+00
237	ALL	301093.68	4019415.39	2.54980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.520E-03	0.00E+00
238	ALL	301137.19	4019434.79	2.71910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.621E-03	0.00E+00
239	ALL	301283.01	4019529.56	2.77700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.655E-03	0.00E+00
240	ALL	301285.72	4019640.74	3.35270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.999E-03	0.00E+00
241	ALL	301329.23	4019637.28	2.78000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.657E-03	0.00E+00
242	ALL	301227.43	4019353.11	1.78620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.065E-03	0.00E+00
243	ALL	301263.17	4019366.54	1.79340E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.069E-03	0.00E+00
244	ALL	301314.76	4019414.70	1.89690E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.131E-03	0.00E+00
245	ALL	301316.12	4019452.95	2.09250E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.247E-03	0.00E+00
246	ALL	301366.65	4019490.32	1.99360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.188E-03	0.00E+00
247	ALL	301369.60	4019528.11	2.10570E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.255E-03	0.00E+00
248	ALL	301371.17	4019564.43	2.20270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.313E-03	0.00E+00
249	ALL	301374.01	4019601.07	2.26730E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.352E-03	0.00E+00
250	ALL	301408.76	4019617.18	2.02330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.206E-03	0.00E+00
251	ALL	301045.49	4019186.04	9.26420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.522E-04	0.00E+00
252	ALL	301081.23	4019199.46	1.00800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.009E-04	0.00E+00
253	ALL	301116.97	4019212.89	1.08400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.462E-04	0.00E+00
254	ALL	301152.71	4019226.31	1.15390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.878E-04	0.00E+00
255	ALL	301188.45	4019239.74	1.21530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.244E-04	0.00E+00
256	ALL	301383.00	4019341.60	1.39360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.307E-04	0.00E+00
257	ALL	301398.85	4019376.34	1.46470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.731E-04	0.00E+00
258	ALL	301414.70	4019411.07	1.52130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.068E-04	0.00E+00
259	ALL	301452.76	4019453.56	1.49540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.914E-04	0.00E+00
260	ALL	301446.39	4019480.55	1.57880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.411E-04	0.00E+00
261	ALL	301462.24	4019515.28	1.57140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.367E-04	0.00E+00
262	ALL	301478.08	4019550.02	1.54540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.212E-04	0.00E+00
263	ALL	301493.93	4019584.75	1.49970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.940E-04	0.00E+00
264	ALL	301491.98	4019628.92	1.52560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.094E-04	0.00E+00
265	ALL	301035.67	4019083.46	6.41970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.827E-04	0.00E+00
266	ALL	301185.21	4019139.79	8.66810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.167E-04	0.00E+00
267	ALL	301363.92	4019206.92	1.01520E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.052E-04	0.00E+00
268	ALL	301399.66	4019220.35	1.01620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.058E-04	0.00E+00
269	ALL	301498.78	4019372.71	1.19140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.102E-04	0.00E+00
270	ALL	301514.63	4019407.45	1.21190E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.224E-04	0.00E+00
271	ALL	301530.48	4019442.19	1.21910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.267E-04	0.00E+00
272	ALL	301546.32	4019476.92	1.21020E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.214E-04	0.00E+00
273	ALL	301562.17	4019511.66	1.19010E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.094E-04	0.00E+00
274	ALL	301578.02	4019546.39	1.15770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.901E-04	0.00E+00
275	ALL	301593.86	4019581.13	1.11440E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.643E-04	0.00E+00
276	ALL	301609.71	4019615.86	1.06340E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.339E-04	0.00E+00
277	ALL	301039.00	4018986.14	4.80860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.866E-04	0.00E+00
278	ALL	301074.75	4018999.57	5.20900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.105E-04	0.00E+00
279	ALL	301114.96	4019030.14	5.91640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.527E-04	0.00E+00
280	ALL	301150.70	4019028.28	6.04540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.604E-04	0.00E+00
281	ALL	301192.41	4019027.54	6.18630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.688E-04	0.00E+00
282	ALL	301217.71	4019053.27	6.73800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.016E-04	0.00E+00
283	ALL	301253.45	4019066.70	7.07720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.219E-04	0.00E+00
284	ALL	301289.19	4019080.12	7.37970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.399E-04	0.00E+00
285	ALL	301324.93	4019093.55	7.63440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.551E-04	0.00E+00
286	ALL	301360.68	4019106.97	7.83590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.671E-04	0.00E+00
287	ALL	301396.42	4019120.40	7.97980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.757E-04	0.00E+00
288	ALL	301432.16	4019133.82	8.05980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.804E-04	0.00E+00
289	ALL	301467.90	4019147.25	8.07600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.814E-04	0.00E+00
290	ALL	301551.18	4019264.88	9.12840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.441E-04	0.00E+00
291	ALL	301567.03	4019299.62	9.38130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.592E-04	0.00E+00
292	ALL	301582.87	4019334.35	9.57160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.706E-04	0.00E+00
293	ALL	301598.72	4019369.09	9.67960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.770E-04	0.00E+00
294	ALL	301614.57	4019403.82	9.69410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.779E-04	0.00E+00
295	ALL	301630.41	4019438.56	9.61190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.730E-04	0.00E+00
296	ALL	301646.26	4019473.30	9.45760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.638E-04	0.00E+00
297	ALL	301662.10	4019508.03	9.22490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.499E-04	0.00E+00
298	ALL	301677.95	4019542.77	8.91930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.317E-04	0.00E+00
299	ALL	301693.80	4019577.50	8.55090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.097E-04	0.00E+00
300	ALL	301709.64	4019612.24	8.16480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.867E-04	0.00E+00
301	ALL	301003.26	4018972.72	4.41100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.629E-04	0.00E+00
302	ALL	300963.76	4018974.00	4.16340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.482E-04	0.00E+00
303	ALL	300924.25	4018975.28	3.90270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.326E-04	0.00E+00
304	ALL	300884.75	4018976.56	3.63680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.168E-04	0.00E+00
305	ALL	300845.24	4018977.84	3.37070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.009E-04	0.00E+00
306	ALL	300805.74	4018979.12	3.10840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.853E-04	0.00E+00
307	ALL	300766.23	4018980.40	2.85320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.701E-04	0.00E+00
308	ALL	300726.73	4018981.68	2.61070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.556E-04	0.00E+00
309	ALL	300687.22	4018982.97	2.38680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.423E-04	0.00E+00
310	ALL	300647.72	4018984.25	2.18380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.302E-04	0.00E+00
311	ALL	300608.21	4018985.53	1.99900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.192E-04	0.00E+00
312	ALL	301031.96	4018881.76	3.61750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.156E-04	0.00E+00
313	ALL	301048.69	4018878.39	3.66290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.183E-04	0.00E+00
314	ALL	301106.61	4018920.02	4.32900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.580E-04	0.00E+00
315	ALL	301143.30	4018920.13	4.46830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.664E-04	0.00E+00
316	ALL	301184.12	4018943.70	4.89240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.916E-04	0.00E+00
317	ALL	301214.47	4018953.32	5.11050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.046E-04	0.00E+00
318	ALL	301250.21	4018966.75	5.38720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.211E-04	0.00E+00
319	ALL	301285.95	4018980.17	5.64820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.367E-04	0.00E+00
320	ALL	301321.69	4018993.60	5.88690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.509E-04	0.00E+00
321	ALL	301357.43	4019007.03	6.09720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.635E-04	0.00E+00
322	ALL	301393.18	4019020.45	6.27450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.740E-04	0.00E+00
323	ALL	301428.92	4019033.88	6.41100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.822E-04	0.00E+00
324	ALL	301464.66	4019047.30	6.50950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.880E-04	0.00E+00
325	ALL	301500.40	4019060.73	6.56520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.913E-04	0.00E+00
326	ALL	301536.14	4019074.15	6.57200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.918E-04	0.00E+00
327	ALL	301587.73	4019122.31	6.83880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.077E-04	0.00E+00
328	ALL	301603.57	4019157.05	7.11710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.242E-04	0.00E+00
329	ALL	301619.42	4019191.79	7.36720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.392E-04	0.00E+00
330	ALL	301635.27	4019226.52	7.57810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.517E-04	0.00E+00
331	ALL	301651.11	4019261.26	7.74360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.616E-04	0.00E+00
332	ALL	301666.96	4019295.99	7.85720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.684E-04	0.00E+00
333	ALL	301682.81	4019330.73	7.91160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.716E-04	0.00E+00
334	ALL	301698.65	4019365.46	7.89490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.706E-04	0.00E+00
335	ALL	301714.50	4019400.20	7.83110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.668E-04	0.00E+00
336	ALL	301730.35	4019434.93	7.71380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.598E-04	0.00E+00
337	ALL	301746.19	4019469.67	7.55110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.501E-04	0.00E+00
338	ALL	301762.04	4019504.41	7.34600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.379E-04	0.00E+00
339	ALL	301777.88	4019539.14	7.10340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.234E-04	0.00E+00
340	ALL	301783.82	4019561.49	6.99560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.170E-04	0.00E+00
341	ALL	301000.02	4018872.77	3.38910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.020E-04	0.00E+00
342	ALL	300960.52	4018874.05	3.20370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.910E-04	0.00E+00
343	ALL	300921.01	4018875.33	3.01140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.795E-04	0.00E+00

344	ALL	300881.51	4018876.61	2.81720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.679E-04	0.00E+00
345	ALL	300842.00	4018877.89	2.62340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.564E-04	0.00E+00
346	ALL	300802.50	4018879.18	2.43080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.449E-04	0.00E+00
347	ALL	300762.99	4018880.46	2.24210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.337E-04	0.00E+00
348	ALL	300723.49	4018881.74	2.06390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.230E-04	0.00E+00
349	ALL	300683.98	4018883.02	1.90410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.135E-04	0.00E+00
350	ALL	300644.48	4018884.30	1.76460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.052E-04	0.00E+00
351	ALL	300604.97	4018885.58	1.64170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.786E-05	0.00E+00
352	ALL	301032.52	4018786.25	2.89690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.727E-04	0.00E+00
353	ALL	301068.26	4018799.67	3.11200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.855E-04	0.00E+00
354	ALL	301104.01	4018813.10	3.32720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.983E-04	0.00E+00
355	ALL	301139.75	4018826.52	3.54130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.111E-04	0.00E+00
356	ALL	301175.49	4018839.95	3.75620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.239E-04	0.00E+00
357	ALL	301211.23	4018853.38	3.97360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.369E-04	0.00E+00
358	ALL	301246.97	4018866.80	4.19210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.499E-04	0.00E+00
359	ALL	301282.71	4018880.23	4.40760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.627E-04	0.00E+00
360	ALL	301318.45	4018893.65	4.61320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.750E-04	0.00E+00
361	ALL	301354.19	4018907.08	4.80430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.864E-04	0.00E+00
362	ALL	301389.93	4018920.50	4.97700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.967E-04	0.00E+00
363	ALL	301425.68	4018933.93	5.12810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.057E-04	0.00E+00
364	ALL	301461.42	4018947.35	5.25450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.132E-04	0.00E+00
365	ALL	301497.16	4018960.78	5.35360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.191E-04	0.00E+00
366	ALL	301532.90	4018974.20	5.42220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.232E-04	0.00E+00
367	ALL	301568.64	4018987.63	5.46070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.255E-04	0.00E+00
368	ALL	301604.38	4019001.06	5.46940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.260E-04	0.00E+00
369	ALL	301655.97	4019049.22	5.67090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.380E-04	0.00E+00
370	ALL	301671.82	4019083.95	5.88820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.510E-04	0.00E+00
371	ALL	301687.66	4019118.69	6.08390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.627E-04	0.00E+00
372	ALL	301703.51	4019153.42	6.25340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.728E-04	0.00E+00
373	ALL	301719.36	4019188.16	6.39330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.811E-04	0.00E+00
374	ALL	301735.20	4019222.90	6.50000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.875E-04	0.00E+00
375	ALL	301751.05	4019257.63	6.56220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.912E-04	0.00E+00
376	ALL	301766.89	4019292.37	6.58670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.926E-04	0.00E+00
377	ALL	301782.74	4019327.10	6.57210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.918E-04	0.00E+00
378	ALL	301838.35	4019417.19	6.23830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.719E-04	0.00E+00
379	ALL	301846.13	4019466.05	6.24210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.721E-04	0.00E+00
380	ALL	301861.97	4019500.78	6.00730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.581E-04	0.00E+00
381	ALL	301877.82	4019535.52	5.75090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.428E-04	0.00E+00
382	ALL	301893.67	4019570.25	5.47950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.266E-04	0.00E+00
383	ALL	301909.51	4019604.99	5.19960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.099E-04	0.00E+00
384	ALL	300996.78	4018772.82	2.68450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.600E-04	0.00E+00
385	ALL	300957.28	4018774.10	2.54280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.516E-04	0.00E+00
386	ALL	300917.77	4018775.38	2.39720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.429E-04	0.00E+00
387	ALL	300878.27	4018776.67	2.25060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.342E-04	0.00E+00
388	ALL	300838.76	4018777.95	2.10360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.254E-04	0.00E+00
389	ALL	300799.26	4018779.23	1.95660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.166E-04	0.00E+00
390	ALL	300759.75	4018780.51	1.81210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.080E-04	0.00E+00
391	ALL	300720.25	4018781.79	1.67610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.991E-05	0.00E+00
392	ALL	300680.74	4018783.07	1.55550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.272E-05	0.00E+00
393	ALL	300641.24	4018784.35	1.45340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.663E-05	0.00E+00
394	ALL	300601.73	4018785.63	1.36690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.148E-05	0.00E+00
395	ALL	299944.83	4019657.16	2.09670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.250E-04	0.00E+00
396	ALL	299958.73	4019622.06	1.90490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.136E-04	0.00E+00
397	ALL	299972.63	4019586.96	1.73280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.033E-04	0.00E+00
398	ALL	299986.53	4019551.86	1.58600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.454E-05	0.00E+00
399	ALL	300000.42	4019516.75	1.46510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.734E-05	0.00E+00
400	ALL	300014.32	4019481.65	1.36920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.162E-05	0.00E+00
401	ALL	300028.22	4019446.55	1.29380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.712E-05	0.00E+00
402	ALL	300042.12	4019411.45	1.23290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.349E-05	0.00E+00
403	ALL	300056.02	4019376.34	1.18230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.047E-05	0.00E+00
404	ALL	300069.91	4019341.24	1.13980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.794E-05	0.00E+00
405	ALL	300083.81	4019306.14	1.10180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.568E-05	0.00E+00
406	ALL	300097.71	4019271.04	1.06300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.337E-05	0.00E+00
407	ALL	300111.61	4019235.93	1.01950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.077E-05	0.00E+00
408	ALL	300159.98	4019185.45	9.71450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.791E-05	0.00E+00
409	ALL	300194.46	4019170.07	9.73940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.806E-05	0.00E+00
410	ALL	300228.94	4019154.69	9.85890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.877E-05	0.00E+00
411	ALL	300263.42	4019139.32	1.01560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.054E-05	0.00E+00
412	ALL	300297.90	4019123.94	1.06920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.373E-05	0.00E+00
413	ALL	300332.38	4019108.56	1.14710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.838E-05	0.00E+00
414	ALL	300366.86	4019093.18	1.24270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.407E-05	0.00E+00
415	ALL	300401.34	4019077.80	1.34650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.026E-05	0.00E+00
416	ALL	300435.82	4019062.42	1.45380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.666E-05	0.00E+00
417	ALL	300470.30	4019047.04	1.56410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.323E-05	0.00E+00
418	ALL	300504.78	4019031.66	1.67680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.995E-05	0.00E+00
419	ALL	300539.26	4019016.29	1.78900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.066E-04	0.00E+00
420	ALL	300573.73	4019000.91	1.89720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.131E-04	0.00E+00
421	ALL	299930.94	4019692.26	2.29340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.367E-04	0.00E+00
422	ALL	299931.32	4019730.51	2.55610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.524E-04	0.00E+00
423	ALL	299931.71	4019768.75	2.81180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.676E-04	0.00E+00
424	ALL	299932.10	4019807.00	3.07060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.830E-04	0.00E+00
425	ALL	299932.49	4019845.24	3.35840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.002E-04	0.00E+00
426	ALL	299932.88	4019883.48	3.70330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.208E-04	0.00E+00
427	ALL	299933.27	4019921.73	4.11670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.454E-04	0.00E+00
428	ALL	299933.65	4019959.97	4.58240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.732E-04	0.00E+00
429	ALL	299934.04	4019998.21	5.06110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.017E-04	0.00E+00
430	ALL	299934.43	4020036.46	5.50930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.284E-04	0.00E+00
431	ALL	299934.82	4020074.70	5.89760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.516E-04	0.00E+00
432	ALL	299935.21	4020112.94	6.21660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.706E-04	0.00E+00
433	ALL	299844.84	4019658.18	1.83860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.096E-04	0.00E+00
434	ALL	299858.74	4019623.07	1.68310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.003E-04	0.00E+00
435	ALL	299872.63	4019587.97	1.53840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.170E-05	0.00E+00
436	ALL	299886.53	4019552.87	1.40940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.401E-05	0.00E+00
437	ALL	299900.43	4019517.77	1.29750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.734E-05	0.00E+00
438	ALL	299914.33	4019482.67	1.20420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.178E-05	0.00E+00
439	ALL	299928.23	4019447.56	1.13020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.737E-05	0.00E+00
440	ALL	299942.12	4019412.46	1.07220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.391E-05	0.00E+00
441	ALL	299956.02	4019377.36	1.02590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.115E-05	0.00E+00
442	ALL	299969.92	4019342.26	9.87990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.889E-05	0.00E+00
443	ALL	299983.82	4019307.15	9.56760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.703E-05	0.00E+00
444	ALL	299997.71	4019272.05	9.31090E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.550E-05	0.00E+00
445	ALL	300011.61	4019236.95	9.06760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.405E-05	0.00E+00
446	ALL	300025.51	4019201.85	8.79880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.245E-05	0.00E+00
447	ALL	300039.41	4019166.74	8.47230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.050E-05	0.00E+00
448	ALL	300087.78	4019116.26	8.03150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.788E-05	0.00E+00
449	ALL	300122.26	4019100.88	7.96050E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.745E-05	0.00E+00
450	ALL	300156.74	4019085.50	7.92400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.723E-05	0.00E+00
451	ALL	300191.22	4019070.13	7.98770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.761E-05	0.00E+00
452	ALL	300225.70	4019054.75	8.22180E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.901E-05	0.00E+00
453	ALL	300260.18	4019039.37	8.66640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.166E-05	0.00E+00
454	ALL	300294.66	4019023.99	9.31460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.552E-05	0.00E+00
455	ALL	300329.14	4019008.61	1.01010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.021E-05	0.00E+00
456	ALL	300363.62	4018993.23	1.09410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.522E-05	0.00E+00
457	ALL	300398.10	4018977.85	1.17910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.029E-05	0.00E+00
458	ALL	300432.58	4018962.47	1.26450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.537E-05	0.00E+00
459	ALL	300467.06	4018947.10	1.34990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.046E-05	0.00E+00
460	ALL	300501.53	4018931.72	1.43280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.541E-05	0.00E+00
461	ALL	300536.01	4018916.34	1.51030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.003E-05	0.00E+00
462	ALL	300570.49	4018900.96	1.57960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.416E-05	0.00E+00
463	ALL	299830.94	4019693.28	1.99520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.189E-04	0.00E+00
464	ALL	299831.33	4019731.52	2.20240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.313E-04	0.00E+00

465	ALL	299831.72	4019769.77	2.40230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.432E-04	0.00E+00
466	ALL	299832.11	4019808.01	2.59750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.548E-04	0.00E+00
467	ALL	299832.49	4019846.25	2.80190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.670E-04	0.00E+00
468	ALL	299832.88	4019884.50	3.03570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.810E-04	0.00E+00
469	ALL	299833.27	4019922.74	3.31630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.977E-04	0.00E+00
470	ALL	299833.66	4019960.99	3.64770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.174E-04	0.00E+00
471	ALL	299834.05	4019999.23	4.01280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.392E-04	0.00E+00
472	ALL	299834.43	4020037.47	4.37950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.611E-04	0.00E+00
473	ALL	299834.82	4020075.72	4.71850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.813E-04	0.00E+00
474	ALL	299835.21	4020113.96	5.01710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.991E-04	0.00E+00
475	ALL	299744.84	4019659.19	1.63160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.726E-05	0.00E+00
476	ALL	299758.74	4019624.09	1.50420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.966E-05	0.00E+00
477	ALL	299772.64	4019588.99	1.38490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.255E-05	0.00E+00
478	ALL	299786.54	4019553.89	1.27500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.600E-05	0.00E+00
479	ALL	299800.43	4019518.78	1.17530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.006E-05	0.00E+00
480	ALL	299814.33	4019483.68	1.08690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.479E-05	0.00E+00
481	ALL	299828.23	4019448.58	1.01220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.034E-05	0.00E+00
482	ALL	299842.13	4019413.48	9.52600E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.678E-05	0.00E+00
483	ALL	299856.03	4019378.37	9.06150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.401E-05	0.00E+00
484	ALL	299869.92	4019343.27	8.69060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.180E-05	0.00E+00
485	ALL	299883.82	4019308.17	8.38980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.001E-05	0.00E+00
486	ALL	299897.72	4019273.07	8.14770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.857E-05	0.00E+00
487	ALL	299911.62	4019237.96	7.96010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.745E-05	0.00E+00
488	ALL	299925.51	4019202.86	7.80370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.652E-05	0.00E+00
489	ALL	299939.41	4019167.76	7.64520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.557E-05	0.00E+00
490	ALL	299953.31	4019132.66	7.45010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.441E-05	0.00E+00
491	ALL	299967.21	4019097.55	7.19390E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.288E-05	0.00E+00
492	ALL	300015.58	4019047.07	6.79870E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.053E-05	0.00E+00
493	ALL	300050.06	4019031.69	6.68980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.988E-05	0.00E+00
494	ALL	300084.54	4019016.31	6.58420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.925E-05	0.00E+00
495	ALL	300119.02	4019000.94	6.52980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.892E-05	0.00E+00
496	ALL	300153.50	4018985.56	6.58110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.923E-05	0.00E+00
497	ALL	300187.98	4018970.18	6.79180E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.049E-05	0.00E+00
498	ALL	300222.46	4018954.80	7.18730E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.284E-05	0.00E+00
499	ALL	300256.94	4018939.42	7.74860E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.619E-05	0.00E+00
500	ALL	300291.42	4018924.04	8.41320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.015E-05	0.00E+00
501	ALL	300325.90	4018908.66	9.11440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.433E-05	0.00E+00
502	ALL	300360.38	4018893.28	9.81110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.848E-05	0.00E+00
503	ALL	300394.86	4018877.91	1.04980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.258E-05	0.00E+00
504	ALL	300429.34	4018862.53	1.11690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.658E-05	0.00E+00
505	ALL	300463.81	4018847.15	1.18080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.039E-05	0.00E+00
506	ALL	300498.29	4018831.77	1.23860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.383E-05	0.00E+00
507	ALL	300532.77	4018816.39	1.28800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.678E-05	0.00E+00
508	ALL	300567.25	4018801.01	1.32950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.925E-05	0.00E+00
509	ALL	299730.95	4019694.29	1.75920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.049E-04	0.00E+00
510	ALL	299731.33	4019732.54	1.92830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.149E-04	0.00E+00
511	ALL	299731.72	4019770.78	2.09030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.246E-04	0.00E+00
512	ALL	299732.11	4019809.03	2.24300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.337E-04	0.00E+00
513	ALL	299732.50	4019847.27	2.39380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.427E-04	0.00E+00
514	ALL	299732.89	4019885.51	2.55750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.525E-04	0.00E+00
515	ALL	299733.28	4019923.76	2.75050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.640E-04	0.00E+00
516	ALL	299733.66	4019962.00	2.98320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.778E-04	0.00E+00
517	ALL	299734.05	4020000.24	3.25220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.939E-04	0.00E+00
518	ALL	299734.44	4020038.49	3.54110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.111E-04	0.00E+00
519	ALL	299734.83	4020076.73	3.82940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.283E-04	0.00E+00
520	ALL	299735.22	4020114.97	4.10210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.445E-04	0.00E+00
521	ALL	300542.78	4020358.41	2.26590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.351E-03	0.00E+00
522	ALL	300515.47	4020364.89	2.13740E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.274E-03	0.00E+00
523	ALL	300458.48	4020365.74	1.95810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.167E-03	0.00E+00
524	ALL	300605.86	4020457.77	1.64870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.828E-04	0.00E+00
525	ALL	300544.74	4020446.21	1.66790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.942E-04	0.00E+00
526	ALL	300498.64	4020406.85	1.82670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.089E-03	0.00E+00
527	ALL	300467.58	4020408.07	1.75710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.047E-03	0.00E+00
528	ALL	300436.14	4020410.41	1.67660E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.994E-04	0.00E+00
529	ALL	300407.85	4020410.49	1.60920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.592E-04	0.00E+00
530	ALL	300576.01	4020575.01	1.11070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.621E-04	0.00E+00
531	ALL	300592.39	4020627.40	9.49800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.662E-04	0.00E+00
532	ALL	300608.76	4020595.80	1.04060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.203E-04	0.00E+00
533	ALL	300622.58	4020569.31	1.12800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.724E-04	0.00E+00
534	ALL	300587.85	4020546.65	1.21320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.232E-04	0.00E+00
535	ALL	300338.09	4020496.78	1.21450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.239E-04	0.00E+00
536	ALL	300318.65	4020530.60	1.11110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.623E-04	0.00E+00
537	ALL	300286.81	4020415.64	1.29070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.694E-04	0.00E+00
538	ALL	300624.04	4020683.71	8.10830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.833E-04	0.00E+00
539	ALL	300595.98	4020669.14	8.45780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.042E-04	0.00E+00
540	ALL	300545.81	4020627.70	9.52990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.681E-04	0.00E+00
541	ALL	300505.97	4020650.71	8.97240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.348E-04	0.00E+00
542	ALL	300470.29	4020651.68	8.96790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.346E-04	0.00E+00
543	ALL	300433.96	4020655.53	8.87290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.289E-04	0.00E+00
544	ALL	300397.00	4020653.31	8.88690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.297E-04	0.00E+00
545	ALL	300368.02	4020580.83	1.04030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.201E-04	0.00E+00
546	ALL	300302.63	4020587.87	9.79900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.841E-04	0.00E+00
547	ALL	300633.07	4020709.78	7.57330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.514E-04	0.00E+00
548	ALL	300625.68	4020724.15	7.31440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.360E-04	0.00E+00
549	ALL	300599.50	4020731.01	7.21490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.301E-04	0.00E+00
550	ALL	300581.96	4020719.83	7.43260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.430E-04	0.00E+00
551	ALL	300553.91	4020709.40	7.65890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.565E-04	0.00E+00
552	ALL	300404.70	4020694.74	8.07180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.812E-04	0.00E+00
553	ALL	300359.75	4020672.08	8.45930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.043E-04	0.00E+00
554	ALL	300326.94	4020684.87	8.16860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.869E-04	0.00E+00
555	ALL	300280.71	4020661.58	8.39780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.006E-04	0.00E+00
556	ALL	300241.51	4020667.02	8.11980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.840E-04	0.00E+00
557	ALL	300203.45	4020652.07	8.06720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.809E-04	0.00E+00
558	ALL	300184.01	4020613.00	8.35000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.977E-04	0.00E+00
559	ALL	300164.58	4020573.93	8.55010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.097E-04	0.00E+00
560	ALL	300145.14	4020534.87	8.66760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.167E-04	0.00E+00
561	ALL	300125.70	4020495.80	8.71640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.196E-04	0.00E+00
562	ALL	300106.26	4020456.73	8.72600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.202E-04	0.00E+00
563	ALL	300086.82	4020417.67	8.72650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.202E-04	0.00E+00
564	ALL	300067.39	4020378.60	8.72580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.201E-04	0.00E+00
565	ALL	300047.95	4020339.53	8.67890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.173E-04	0.00E+00
566	ALL	300028.51	4020300.47	8.51040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.073E-04	0.00E+00
567	ALL	300009.07	4020261.40	8.17990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.876E-04	0.00E+00
568	ALL	299989.63	4020222.33	7.71970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.602E-04	0.00E+00
569	ALL	299970.19	4020183.27	7.19780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.291E-04	0.00E+00
570	ALL	300813.12	4020860.16	5.12420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.055E-04	0.00E+00
571	ALL	300826.57	4020845.49	5.23810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.122E-04	0.00E+00
572	ALL	300836.04	4020827.72	5.40030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.219E-04	0.00E+00
573	ALL	300815.88	4020797.12	5.82240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.471E-04	0.00E+00
574	ALL	300626.91	4020866.40	5.34270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.185E-04	0.00E+00
575	ALL	300589.31	4020872.17	5.29950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.159E-04	0.00E+00
576	ALL	300589.72	4020849.82	5.54170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.303E-04	0.00E+00
577	ALL	300529.76	4020826.84	5.85640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.491E-04	0.00E+00
578	ALL	300485.77	4020802.90	6.22760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.712E-04	0.00E+00
579	ALL	300436.03	4020790.46	6.47680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.861E-04	0.00E+00
580	ALL	300401.94	4020794.00	6.47160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.858E-04	0.00E+00
581	ALL	300342.94	4020793.05	6.54130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.899E-04	0.00E+00
582	ALL	300306.29	4020797.23	6.49760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.873E-04	0.00E+00
583	ALL	300265.82	4020764.02	6.89860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.112E-04	0.00E+00
584	ALL	300223.10	4020755.10	6.92310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.127E-04	0.00E+00
585	ALL	300180.39	4020746.17	6.88310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.103E-04	0.00E+00

586	ALL	300142.33	4020731.22	6.84380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.080E-04	0.00E+00
587	ALL	300122.90	4020692.15	7.06200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.210E-04	0.00E+00
588	ALL	300103.46	4020653.08	7.21860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.303E-04	0.00E+00
589	ALL	300084.02	4020614.02	7.31400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.360E-04	0.00E+00
590	ALL	300064.58	4020574.95	7.35390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.384E-04	0.00E+00
591	ALL	300045.14	4020535.88	7.35000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.381E-04	0.00E+00
592	ALL	300025.70	4020496.81	7.33030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.370E-04	0.00E+00
593	ALL	300006.27	4020457.75	7.32010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.363E-04	0.00E+00
594	ALL	299986.83	4020418.68	7.32410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.366E-04	0.00E+00
595	ALL	299967.39	4020379.61	7.31140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.358E-04	0.00E+00
596	ALL	299947.95	4020340.55	7.22340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.306E-04	0.00E+00
597	ALL	299928.51	4020301.48	7.01720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.183E-04	0.00E+00
598	ALL	299909.08	4020262.41	6.69540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.991E-04	0.00E+00
599	ALL	299889.64	4020223.35	6.29630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.753E-04	0.00E+00
600	ALL	299870.20	4020184.28	5.85880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.492E-04	0.00E+00
601	ALL	300845.39	4020977.06	4.07690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.430E-04	0.00E+00
602	ALL	300802.68	4020968.14	4.22500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.519E-04	0.00E+00
603	ALL	300759.96	4020959.21	4.36490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.602E-04	0.00E+00
604	ALL	300534.90	4020871.78	5.33300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.179E-04	0.00E+00
605	ALL	300504.33	4020877.54	5.30040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.160E-04	0.00E+00
606	ALL	300438.30	4020874.69	5.41980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.231E-04	0.00E+00
607	ALL	300407.72	4020880.14	5.41020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.225E-04	0.00E+00
608	ALL	300407.17	4020858.11	5.65340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.370E-04	0.00E+00
609	ALL	300341.14	4020880.49	5.50120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.279E-04	0.00E+00
610	ALL	300290.12	4020861.02	5.75810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.432E-04	0.00E+00
611	ALL	300247.41	4020852.10	5.86780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.498E-04	0.00E+00
612	ALL	300204.70	4020843.17	5.94120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.541E-04	0.00E+00
613	ALL	300161.99	4020834.25	5.96970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.559E-04	0.00E+00
614	ALL	300119.27	4020825.32	5.93630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.539E-04	0.00E+00
615	ALL	300081.21	4020810.36	5.90700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.521E-04	0.00E+00
616	ALL	300061.78	4020771.30	6.07810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.623E-04	0.00E+00
617	ALL	300042.34	4020732.23	6.20310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.698E-04	0.00E+00
618	ALL	300022.90	4020693.16	6.28410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.746E-04	0.00E+00
619	ALL	300003.46	4020654.10	6.31990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.767E-04	0.00E+00
620	ALL	299984.02	4020615.03	6.31690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.765E-04	0.00E+00
621	ALL	299964.59	4020575.96	6.29010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.749E-04	0.00E+00
622	ALL	299945.15	4020536.90	6.26040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.732E-04	0.00E+00
623	ALL	299925.71	4020497.83	6.24690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.724E-04	0.00E+00
624	ALL	299906.27	4020458.76	6.25450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.728E-04	0.00E+00
625	ALL	299886.83	4020419.70	6.26130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.732E-04	0.00E+00
626	ALL	299867.40	4020380.63	6.22470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.711E-04	0.00E+00
627	ALL	299847.96	4020341.56	6.10330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.638E-04	0.00E+00
628	ALL	299828.52	4020302.50	5.88380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.507E-04	0.00E+00
629	ALL	299809.08	4020263.43	5.58290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.328E-04	0.00E+00
630	ALL	299789.64	4020224.36	5.22900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.117E-04	0.00E+00
631	ALL	299770.20	4020185.30	4.84280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.887E-04	0.00E+00
632	ALL	301049.38	4020114.95	6.79270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.049E-03	0.00E+00
633	ALL	301054.18	4020208.43	2.96470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.767E-03	0.00E+00
634	ALL	301059.68	4020263.17	2.13900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.275E-03	0.00E+00
635	ALL	301063.36	4020307.35	1.72830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.030E-03	0.00E+00
636	ALL	301063.99	4020382.64	1.29800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.737E-04	0.00E+00
637	ALL	300560.27	4020605.01	1.01600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.056E-04	0.00E+00
638	ALL	300712.86	4020985.40	4.23650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.525E-04	0.00E+00
639	ALL	300752.58	4020983.48	4.19800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.502E-04	0.00E+00
640	ALL	300792.30	4020981.56	4.14840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.473E-04	0.00E+00
641	ALL	300217.98	4020149.97	1.33430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.953E-04	0.00E+00
642	ALL	300224.74	4020134.89	1.35100E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.053E-04	0.00E+00
643	ALL	300224.22	4020262.30	1.35500E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.077E-04	0.00E+00
644	ALL	300213.82	4020278.94	1.30290E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.766E-04	0.00E+00
645	ALL	300202.90	4020312.23	1.23010E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.333E-04	0.00E+00
646	ALL	300223.18	4020310.15	1.29220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.702E-04	0.00E+00
647	ALL	300200.30	4020364.75	1.15380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.878E-04	0.00E+00
648	ALL	300320.95	4020368.39	1.49130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.889E-04	0.00E+00
649	ALL	300301.19	4020309.11	1.56310E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.317E-04	0.00E+00
650	ALL	300327.71	4020338.75	1.59050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.481E-04	0.00E+00
651	ALL	300371.10	4020438.93	1.43000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.524E-04	0.00E+00
652	ALL	300353.06	4020469.74	1.30670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.789E-04	0.00E+00
653	ALL	300322.63	4020403.99	1.40850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.396E-04	0.00E+00
654	ALL	300557.65	4020384.50	2.09400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.248E-03	0.00E+00
655	ALL	300573.81	4020407.05	1.95390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.165E-03	0.00E+00
656	ALL	300587.34	4020428.84	1.81860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.084E-03	0.00E+00
657	ALL	300619.27	4020480.70	1.52170E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.071E-04	0.00E+00
658	ALL	300534.35	4020412.69	1.85470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.106E-03	0.00E+00
659	ALL	300542.25	4020422.83	1.80300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.075E-03	0.00E+00
660	ALL	300564.41	4020462.66	1.59370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.500E-04	0.00E+00
661	ALL	300571.55	4020488.21	1.46520E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.734E-04	0.00E+00
662	ALL	300591.47	4020503.62	1.39810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.334E-04	0.00E+00
663	ALL	300281.36	4020590.95	9.56550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.702E-04	0.00E+00
664	ALL	300323.52	4020644.93	8.86180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.282E-04	0.00E+00
665	ALL	300339.49	4020656.74	8.69820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.185E-04	0.00E+00
666	ALL	300376.54	4020712.00	7.76030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.626E-04	0.00E+00
667	ALL	300390.91	4020725.09	7.53540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.492E-04	0.00E+00
668	ALL	300359.29	4020730.20	7.45620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.445E-04	0.00E+00
669	ALL	300374.63	4020742.02	7.26760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.332E-04	0.00E+00
670	ALL	300324.16	4020744.25	7.22600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.307E-04	0.00E+00
671	ALL	300312.34	4020734.99	7.35290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.383E-04	0.00E+00
672	ALL	300305.00	4020697.94	7.90620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.713E-04	0.00E+00
673	ALL	300316.50	4020709.76	7.74270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.615E-04	0.00E+00
674	ALL	300318.09	4020676.86	8.28280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.937E-04	0.00E+00
675	ALL	300336.30	4020692.51	8.05700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.803E-04	0.00E+00
676	ALL	300574.59	4020657.06	8.75970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.222E-04	0.00E+00
677	ALL	300528.89	4020689.60	8.08420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.819E-04	0.00E+00
678	ALL	300436.36	4020692.79	8.10240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.830E-04	0.00E+00
679	ALL	300466.60	4020694.17	8.05720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.803E-04	0.00E+00
680	ALL	300497.52	4020691.17	8.08750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.821E-04	0.00E+00
681	ALL	300359.21	4020591.55	1.01070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.025E-04	0.00E+00
682	ALL	300376.14	4020582.61	1.04060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.203E-04	0.00E+00
683	ALL	300368.47	4020567.27	1.07290E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.395E-04	0.00E+00
684	ALL	300310.34	4020876.48	5.57710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.324E-04	0.00E+00
685	ALL	300307.14	4020858.28	5.77570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.443E-04	0.00E+00
686	ALL	300303.95	4020832.40	6.07060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.619E-04	0.00E+00
687	ALL	300307.46	4020815.79	6.26680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.736E-04	0.00E+00
688	ALL	300324.07	4020787.36	6.62350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.948E-04	0.00E+00
689	ALL	300343.24	4020821.22	6.17920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.683E-04	0.00E+00
690	ALL	300347.39	4020840.71	5.93960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.541E-04	0.00E+00
691	ALL	300338.45	4020859.23	5.73600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.419E-04	0.00E+00
692	ALL	300399.46	4020840.39	5.87370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.501E-04	0.00E+00
693	ALL	300384.12	4020823.78	6.10240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.638E-04	0.00E+00
694	ALL	300404.57	4020821.22	6.10540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.639E-04	0.00E+00
695	ALL	300395.62	4020809.40	6.27160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.738E-04	0.00E+00
696	ALL	300419.26	4020784.81	6.58020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.922E-04	0.00E+00
697	ALL	300440.98	4020811.00	6.18630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.688E-04	0.00E+00
698	ALL	300438.43	4020828.89	5.95790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.551E-04	0.00E+00
699	ALL	300443.54	4020853.48	5.65140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.369E-04	0.00E+00
700	ALL	300500.72	4020854.12	5.56280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.316E-04	0.00E+00
701	ALL	300494.01	4020835.60	5.79120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.452E-04	0.00E+00
702	ALL	300498.16	4020816.75	6.02420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.591E-04	0.00E+00
703	ALL	300494.65	4020792.47	6.36050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.791E-04	0.00E+00
704	ALL	300516.37	4020782.89	6.46850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.856E-04	0.00E+00
705	ALL	300529.78	4020791.19	6.33170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.774E-04	0.00E+00
706	ALL	300532.66	4020808.76	6.08670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.628E-04	0.00E+00

707	ALL	300535.21	4020851.25	5.55930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.314E-04	0.00E+00
708	ALL	300586.96	4020833.36	5.73400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.418E-04	0.00E+00
709	ALL	300593.35	4020814.51	5.96390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.555E-04	0.00E+00
710	ALL	300578.34	4020801.74	6.14060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.660E-04	0.00E+00
711	ALL	300589.52	4020785.45	6.35890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.790E-04	0.00E+00
712	ALL	300602.93	4020778.74	6.44690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.843E-04	0.00E+00
713	ALL	300623.06	4020786.08	6.32910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.773E-04	0.00E+00
714	ALL	300625.93	4020807.17	6.04160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.601E-04	0.00E+00
715	ALL	300626.57	4020826.01	5.80430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.460E-04	0.00E+00
716	ALL	300629.45	4020845.50	5.57130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.321E-04	0.00E+00
717	ALL	300516.05	4020984.66	4.33990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.587E-04	0.00E+00
718	ALL	300532.59	4020986.54	4.31880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.574E-04	0.00E+00
719	ALL	300703.61	4020971.50	4.34890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.592E-04	0.00E+00
720	ALL	300818.62	4020935.80	4.43890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.646E-04	0.00E+00
721	ALL	301047.58	4020981.58	3.43150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.046E-04	0.00E+00
722	ALL	300941.99	4020983.31	3.78570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.257E-04	0.00E+00
723	ALL	300900.45	4020912.34	4.40390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.625E-04	0.00E+00
724	ALL	301035.47	4020881.18	4.08960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.438E-04	0.00E+00
725	ALL	301151.44	4020839.63	3.81720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.275E-04	0.00E+00
726	ALL	300881.40	4020848.29	5.03400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.001E-04	0.00E+00
727	ALL	300969.69	4020834.44	4.78150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.850E-04	0.00E+00
728	ALL	301056.24	4020808.48	4.54310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.708E-04	0.00E+00
729	ALL	301130.67	4020780.78	4.33090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.582E-04	0.00E+00
730	ALL	301196.45	4020732.31	4.25110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.534E-04	0.00E+00
731	ALL	300886.82	4020793.66	5.59730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.337E-04	0.00E+00
732	ALL	300968.72	4020770.01	5.44540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.246E-04	0.00E+00
733	ALL	301026.95	4020742.71	5.37460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.204E-04	0.00E+00
734	ALL	301097.93	4020711.77	5.16440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.078E-04	0.00E+00
735	ALL	301167.09	4020669.91	4.98500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.972E-04	0.00E+00
736	ALL	301212.58	4020635.33	4.86450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.900E-04	0.00E+00
737	ALL	301058.71	4019080.82	6.54500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.901E-04	0.00E+00
738	ALL	301076.69	4019081.26	6.68150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.983E-04	0.00E+00
739	ALL	301095.11	4019078.63	6.74340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.020E-04	0.00E+00
740	ALL	301114.41	4019081.26	6.91080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.119E-04	0.00E+00
741	ALL	301135.02	4019077.75	6.93980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.137E-04	0.00E+00
742	ALL	301153.44	4019079.94	7.07000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.214E-04	0.00E+00
743	ALL	301174.49	4019077.75	7.10550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.236E-04	0.00E+00
744	ALL	301195.98	4019072.05	7.05620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.206E-04	0.00E+00
745	ALL	301036.70	4019031.58	5.47140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.261E-04	0.00E+00
746	ALL	301029.43	4019004.38	5.00320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.982E-04	0.00E+00
747	ALL	301054.21	4019003.30	5.14480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.067E-04	0.00E+00
748	ALL	301057.71	4019032.12	5.62280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.352E-04	0.00E+00
749	ALL	301076.03	4019029.97	5.70100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.398E-04	0.00E+00
750	ALL	301095.69	4019028.62	5.79010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.451E-04	0.00E+00
751	ALL	301091.38	4019004.38	5.37210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.202E-04	0.00E+00
752	ALL	301110.51	4019000.88	5.41360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.227E-04	0.00E+00
753	ALL	301128.55	4019000.61	5.49180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.274E-04	0.00E+00
754	ALL	301130.98	4019029.97	5.98960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.570E-04	0.00E+00
755	ALL	301143.91	4018999.26	5.53570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.300E-04	0.00E+00
756	ALL	301174.89	4019029.97	6.16900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.677E-04	0.00E+00
757	ALL	301165.19	4019002.49	5.66970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.380E-04	0.00E+00
758	ALL	301186.74	4019001.15	5.72440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.412E-04	0.00E+00
759	ALL	301031.84	4018954.01	4.35980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.599E-04	0.00E+00
760	ALL	301031.21	4018928.66	4.07190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.427E-04	0.00E+00
761	ALL	301053.07	4018954.65	4.48470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.673E-04	0.00E+00
762	ALL	301073.67	4018952.43	4.56350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.720E-04	0.00E+00
763	ALL	301090.47	4018953.06	4.65200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.773E-04	0.00E+00
764	ALL	301104.10	4018951.48	4.69350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.798E-04	0.00E+00
765	ALL	301125.65	4018951.80	4.78800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.854E-04	0.00E+00
766	ALL	301144.34	4018951.80	4.86030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.897E-04	0.00E+00
767	ALL	301162.73	4018952.75	4.93890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.944E-04	0.00E+00
768	ALL	301182.69	4018926.44	4.67320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.786E-04	0.00E+00
769	ALL	301162.41	4018921.37	4.54790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.711E-04	0.00E+00
770	ALL	301124.06	4018921.05	4.40870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.628E-04	0.00E+00
771	ALL	301088.25	4018922.32	4.27800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.550E-04	0.00E+00
772	ALL	301067.02	4018923.27	4.19260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.499E-04	0.00E+00
773	ALL	301052.12	4018927.71	4.16910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.485E-04	0.00E+00
774	ALL	301068.28	4018877.64	3.73970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.229E-04	0.00E+00
775	ALL	301086.03	4018875.10	3.78730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.258E-04	0.00E+00
776	ALL	301102.83	4018877.95	3.87780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.312E-04	0.00E+00
777	ALL	301123.11	4018874.15	3.91320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.333E-04	0.00E+00
778	ALL	301141.18	4018873.52	3.96680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.365E-04	0.00E+00
779	ALL	301159.56	4018873.20	4.02090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.397E-04	0.00E+00
780	ALL	301182.37	4018867.50	4.03170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.403E-04	0.00E+00
781	ALL	301052.73	4019725.24	1.95300E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.164E-02	0.00E+00
782	ALL	301056.50	4019766.46	1.98910E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.186E-02	0.00E+00
783	ALL	301056.23	4019802.30	2.05780E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.227E-02	0.00E+00
784	ALL	301056.77	4019840.01	2.07740E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.238E-02	0.00E+00
785	ALL	301056.23	4019874.77	2.09690E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.250E-02	0.00E+00
786	ALL	301057.31	4019911.95	2.04470E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.219E-02	0.00E+00
787	ALL	301060.81	4019946.70	1.89470E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.129E-02	0.00E+00
788	ALL	301056.50	4019989.27	1.86700E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.113E-02	0.00E+00
789	ALL	301095.83	4020014.06	9.43670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.625E-03	0.00E+00
790	ALL	301133.55	4020010.29	6.08400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.627E-03	0.00E+00
791	ALL	301103.38	4019955.86	1.05560E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.292E-03	0.00E+00
792	ALL	301164.54	4020008.67	4.54110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.707E-03	0.00E+00
793	ALL	301200.10	4020004.09	3.47790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.073E-03	0.00E+00
794	ALL	301238.63	4020003.55	2.67770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.596E-03	0.00E+00
795	ALL	301128.16	4019959.91	7.87070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.692E-03	0.00E+00
796	ALL	301159.96	4019957.75	5.80850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.462E-03	0.00E+00
797	ALL	301199.83	4019958.56	4.16690E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.484E-03	0.00E+00
798	ALL	301238.89	4019959.91	3.15220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.879E-03	0.00E+00
799	ALL	301273.11	4019956.40	2.58360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.540E-03	0.00E+00
800	ALL	301289.01	4019951.28	2.39970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.430E-03	0.00E+00
801	ALL	301333.19	4019937.27	1.98430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.183E-03	0.00E+00
802	ALL	301330.77	4019902.25	2.20670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.315E-03	0.00E+00
803	ALL	301329.96	4019867.76	2.39280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.426E-03	0.00E+00
804	ALL	301052.16	4019688.44	1.75800E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.048E-02	0.00E+00
805	ALL	301050.67	4019647.42	1.32780E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.915E-03	0.00E+00
806	ALL	301049.55	4019629.52	1.12190E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.687E-03	0.00E+00
807	ALL	301046.94	4019594.09	8.19510E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.885E-03	0.00E+00
808	ALL	301048.06	4019557.17	6.11850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.647E-03	0.00E+00
809	ALL	301044.70	4019537.40	5.32960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.177E-03	0.00E+00
810	ALL	301045.45	4019521.74	4.78640E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.853E-03	0.00E+00
811	ALL	301045.45	4019485.19	3.79200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.260E-03	0.00E+00
812	ALL	301041.35	4019447.53	3.03940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.812E-03	0.00E+00
813	ALL	301037.99	4019407.25	2.43770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.453E-03	0.00E+00
814	ALL	301133.84	4019415.08	2.49080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.485E-03	0.00E+00
815	ALL	301094.68	4019454.61	3.11080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.854E-03	0.00E+00
816	ALL	301096.54	4019494.89	3.85800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.300E-03	0.00E+00
817	ALL	301095.80	4019515.77	4.34540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.590E-03	0.00E+00
818	ALL	301106.61	4019570.22	5.82080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.470E-03	0.00E+00
819	ALL	301099.90	4019587.00	6.57130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.917E-03	0.00E+00
820	ALL	301097.66	4019626.91	8.43260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.027E-03	0.00E+00
821	ALL	301098.41	4019642.94	9.16390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.463E-03	0.00E+00
822	ALL	301104.37	4019685.83	1.03700E-05	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.182E-03	0.00E+00
823	ALL	301142.04	4019682.47	7.73560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.611E-03	0.00E+00
824	ALL	301145.40	4019604.90	5.90720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.521E-03	0.00E+00
825	ALL	301143.16	4019585.14	5.48450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.269E-03	0.00E+00
826	ALL	301142.41	4019566.86	5.06590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.020E-03	0.00E+00
827	ALL	301142.04	4019551.57	4.71670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.812E-03	0.00E+00

828	ALL	301141.29	4019529.94	4.25790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.538E-03	0.00E+00
829	ALL	301141.29	4019511.30	3.88980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.319E-03	0.00E+00
830	ALL	301140.17	4019491.53	3.54320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.112E-03	0.00E+00
831	ALL	301139.06	4019475.87	3.29260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.963E-03	0.00E+00
832	ALL	301132.72	4019452.75	2.97330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.772E-03	0.00E+00
833	ALL	301186.05	4019413.22	2.34440E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.398E-03	0.00E+00
834	ALL	301184.18	4019437.46	2.59320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.546E-03	0.00E+00
835	ALL	301183.81	4019458.71	2.83140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.688E-03	0.00E+00
836	ALL	301187.16	4019492.65	3.23030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.926E-03	0.00E+00
837	ALL	301189.03	4019508.31	3.42340E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.041E-03	0.00E+00
838	ALL	301189.03	4019547.47	3.98050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.373E-03	0.00E+00
839	ALL	301191.27	4019567.24	4.23780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.526E-03	0.00E+00
840	ALL	301192.01	4019586.26	4.49900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.682E-03	0.00E+00
841	ALL	301189.78	4019606.77	4.83690E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.883E-03	0.00E+00
842	ALL	301193.88	4019623.92	4.97390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.965E-03	0.00E+00
843	ALL	301195.74	4019641.82	5.14220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.065E-03	0.00E+00
844	ALL	301194.25	4019662.34	5.40190E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.220E-03	0.00E+00
845	ALL	301237.14	4019664.95	4.33330E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.583E-03	0.00E+00
846	ALL	301237.51	4019622.06	4.03850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.407E-03	0.00E+00
847	ALL	301231.83	4019552.48	3.49280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.082E-03	0.00E+00
848	ALL	301228.38	4019528.53	3.28850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.960E-03	0.00E+00
849	ALL	301230.24	4019486.76	2.85000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.699E-03	0.00E+00
850	ALL	301229.12	4019474.08	2.73580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.631E-03	0.00E+00
851	ALL	301229.87	4019448.34	2.49590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.488E-03	0.00E+00
852	ALL	301223.90	4019435.29	2.40890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.436E-03	0.00E+00
853	ALL	301230.61	4019414.77	2.21300E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.319E-03	0.00E+00
854	ALL	301052.50	4019382.05	2.16070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.288E-03	0.00E+00
855	ALL	301082.74	4019373.80	2.09260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.247E-03	0.00E+00
856	ALL	301100.83	4019371.28	2.06880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.233E-03	0.00E+00
857	ALL	301122.59	4019371.28	2.06090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.228E-03	0.00E+00
858	ALL	301139.77	4019367.85	2.01790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.203E-03	0.00E+00
859	ALL	301157.87	4019370.14	2.01880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.203E-03	0.00E+00
860	ALL	301174.13	4019369.91	1.99510E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.189E-03	0.00E+00
861	ALL	301195.20	4019368.99	1.95380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.165E-03	0.00E+00
862	ALL	301215.13	4019366.47	1.89850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.132E-03	0.00E+00
863	ALL	301230.48	4019368.76	1.88250E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.122E-03	0.00E+00
864	ALL	301275.82	4020006.24	2.12610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.267E-03	0.00E+00
865	ALL	301311.56	4020006.70	1.75760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.048E-03	0.00E+00
866	ALL	301351.88	4020000.06	1.49050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.885E-04	0.00E+00
867	ALL	301366.77	4019998.68	1.40320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.364E-04	0.00E+00
868	ALL	301386.24	4019995.48	1.30630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.787E-04	0.00E+00
869	ALL	301405.71	4019999.83	1.19110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.100E-04	0.00E+00
870	ALL	301327.84	4019794.22	2.71120E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.616E-03	0.00E+00
871	ALL	301288.24	4019678.11	3.43180E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.046E-03	0.00E+00
872	ALL	301325.93	4019677.59	2.89630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.727E-03	0.00E+00
873	ALL	301325.18	4019715.12	2.91470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.737E-03	0.00E+00
874	ALL	301374.79	4019717.75	2.33370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.391E-03	0.00E+00
875	ALL	301412.54	4019715.99	2.00170E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.193E-03	0.00E+00
876	ALL	301377.21	4019731.42	2.28860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.364E-03	0.00E+00
877	ALL	301374.48	4019750.90	2.28040E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.359E-03	0.00E+00
878	ALL	301409.14	4019750.65	1.96950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.174E-03	0.00E+00
879	ALL	301376.26	4019771.41	2.21850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.322E-03	0.00E+00
880	ALL	301328.27	4019754.97	2.80490E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.672E-03	0.00E+00
881	ALL	301461.44	4019711.56	1.66700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.937E-04	0.00E+00
882	ALL	301378.14	4019677.06	2.32850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.388E-03	0.00E+00
883	ALL	301372.48	4019656.30	2.36400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.409E-03	0.00E+00
884	ALL	301374.37	4019638.78	2.32660E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.387E-03	0.00E+00
885	ALL	301410.49	4019637.43	2.02960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.210E-03	0.00E+00
886	ALL	301409.68	4019654.68	2.04730E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.220E-03	0.00E+00
887	ALL	301372.48	4019619.91	2.31510E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.380E-03	0.00E+00
888	ALL	301455.78	4019630.15	1.72380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.028E-03	0.00E+00
889	ALL	301458.48	4019650.91	1.71320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.021E-03	0.00E+00
890	ALL	301460.90	4019668.97	1.70000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.013E-03	0.00E+00
891	ALL	301493.25	4019668.43	1.51870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.053E-04	0.00E+00
892	ALL	301493.52	4019647.40	1.51790E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.048E-04	0.00E+00
893	ALL	301495.41	4019711.49	1.47600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.798E-04	0.00E+00
894	ALL	301460.33	4019731.64	1.64160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.786E-04	0.00E+00
895	ALL	301498.40	4019730.89	1.43070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.528E-04	0.00E+00
896	ALL	301548.77	4019711.86	1.23290E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.349E-04	0.00E+00
897	ALL	301548.03	4019747.31	1.18490E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.063E-04	0.00E+00
898	ALL	301579.37	4019713.73	1.11630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.654E-04	0.00E+00
899	ALL	301579.37	4019730.52	1.09320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.516E-04	0.00E+00
900	ALL	301584.97	4019748.43	1.04950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.256E-04	0.00E+00
901	ALL	301580.49	4019768.21	1.03610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.176E-04	0.00E+00
902	ALL	301550.26	4019821.57	1.05460E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.287E-04	0.00E+00
903	ALL	301497.65	4019751.04	1.40220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.358E-04	0.00E+00
904	ALL	301463.69	4019751.04	1.58830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.468E-04	0.00E+00
905	ALL	301462.20	4019767.09	1.56770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.345E-04	0.00E+00
906	ALL	301498.40	4019769.33	1.36580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.142E-04	0.00E+00
907	ALL	301632.73	4019709.25	9.57210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.706E-04	0.00E+00
908	ALL	301633.09	4019745.12	9.10630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.428E-04	0.00E+00
909	ALL	301735.11	4019699.71	7.37570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.397E-04	0.00E+00
910	ALL	301688.12	4019704.75	8.25800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.923E-04	0.00E+00
911	ALL	301685.60	4019726.30	8.05650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.802E-04	0.00E+00
912	ALL	301690.42	4019743.26	7.77410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.634E-04	0.00E+00
913	ALL	301380.15	4019933.47	1.60830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.587E-04	0.00E+00
914	ALL	301379.34	4019898.99	1.76050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.049E-03	0.00E+00
915	ALL	301377.23	4019825.45	2.05810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.227E-03	0.00E+00
916	ALL	301384.65	4019954.96	1.48590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.857E-04	0.00E+00
917	ALL	301383.29	4019917.50	1.65350E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.856E-04	0.00E+00
918	ALL	301381.93	4019880.03	1.81650E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.083E-03	0.00E+00
919	ALL	301380.57	4019842.56	1.96980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.174E-03	0.00E+00
920	ALL	301381.45	4019863.63	1.88410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.123E-03	0.00E+00
921	ALL	301331.65	4019827.79	2.54540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.517E-03	0.00E+00
922	ALL	301374.79	4019811.29	2.12560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.267E-03	0.00E+00
923	ALL	301378.60	4019790.99	2.14680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.280E-03	0.00E+00
924	ALL	301465.31	4019786.32	1.51050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.004E-04	0.00E+00
925	ALL	301464.20	4019806.39	1.47260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.778E-04	0.00E+00
926	ALL	301467.56	4019825.80	1.40840E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.395E-04	0.00E+00
927	ALL	301466.07	4019841.84	1.37760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.212E-04	0.00E+00
928	ALL	301467.24	4019861.70	1.32240E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.882E-04	0.00E+00
929	ALL	301466.13	4019881.78	1.27630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.608E-04	0.00E+00
930	ALL	301469.49	4019901.18	1.20940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.209E-04	0.00E+00
931	ALL	301468.00	4019917.23	1.17250E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.989E-04	0.00E+00
932	ALL	301468.56	4019936.79	1.11660E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.656E-04	0.00E+00
933	ALL	301467.45	4019956.86	1.06600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.355E-04	0.00E+00
934	ALL	301470.81	4019976.26	1.00190E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.972E-04	0.00E+00
935	ALL	301469.32	4019992.31	9.64420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.749E-04	0.00E+00
936	ALL	301495.34	4019785.30	1.35100E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.053E-04	0.00E+00
937	ALL	301494.24	4019805.38	1.31610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.845E-04	0.00E+00
938	ALL	301497.59	4019824.78	1.26050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.514E-04	0.00E+00
939	ALL	301496.10	4019840.83	1.23320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.351E-04	0.00E+00
940	ALL	301501.05	4019861.70	1.16620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.951E-04	0.00E+00
941	ALL	301499.94	4019881.78	1.12620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.713E-04	0.00E+00
942	ALL	301503.30	4019901.18	1.06920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.374E-04	0.00E+00
943	ALL	301501.81	4019917.23	1.03700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.182E-04	0.00E+00
944	ALL	301504.56	4019936.35	9.83310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.861E-04	0.00E+00
945	ALL	301503.46	4019956.42	9.41620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.613E-04	0.00E+00
946	ALL	301506.81	4019975.82	8.88210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.295E-04	0.00E+00
947	ALL	301505.32	4019991.87	8.56840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.108E-04	0.00E+00
948	ALL	301279.13	4019457.38	2.31060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.377E-03	0.00E+00

949	ALL	301278.02	4019477.45	2.45470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.463E-03	0.00E+00
950	ALL	301281.38	4019496.85	2.56680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.530E-03	0.00E+00
951	ALL	301279.88	4019512.90	2.68930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.603E-03	0.00E+00
952	ALL	301320.40	4019473.62	2.17920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.299E-03	0.00E+00
953	ALL	301319.30	4019493.70	2.29110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.366E-03	0.00E+00
954	ALL	301322.65	4019513.10	2.36810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.412E-03	0.00E+00
955	ALL	301321.16	4019529.15	2.45870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.466E-03	0.00E+00
956	ALL	301323.04	4019562.32	2.59130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.545E-03	0.00E+00
957	ALL	301321.93	4019582.40	2.68370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.600E-03	0.00E+00
958	ALL	301325.29	4019601.80	2.72090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.622E-03	0.00E+00
959	ALL	301323.80	4019617.85	2.78840E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.662E-03	0.00E+00
960	ALL	301286.15	4019549.59	2.87530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.714E-03	0.00E+00
961	ALL	301285.04	4019569.66	3.00540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.792E-03	0.00E+00
962	ALL	301288.40	4019589.07	3.07710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.834E-03	0.00E+00
963	ALL	301286.91	4019605.11	3.17830E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.895E-03	0.00E+00
964	ALL	301403.83	4019452.11	1.68530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.005E-03	0.00E+00
965	ALL	301402.73	4019472.18	1.75070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.044E-03	0.00E+00
966	ALL	301406.08	4019491.59	1.78950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.067E-03	0.00E+00
967	ALL	301404.59	4019507.63	1.83990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.097E-03	0.00E+00
968	ALL	301404.71	4019525.00	1.88270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.122E-03	0.00E+00
969	ALL	301403.60	4019545.07	1.93590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.154E-03	0.00E+00
970	ALL	301406.96	4019564.48	1.95550E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.166E-03	0.00E+00
971	ALL	301405.47	4019580.52	1.99460E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.189E-03	0.00E+00
972	ALL	301370.78	4019582.01	2.25100E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.342E-03	0.00E+00
973	ALL	301368.56	4019509.04	2.05030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.222E-03	0.00E+00
974	ALL	301408.54	4019600.41	2.00420E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.195E-03	0.00E+00
975	ALL	301369.83	4019547.42	2.16340E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.290E-03	0.00E+00
976	ALL	301368.32	4019451.36	1.83710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.095E-03	0.00E+00
977	ALL	301367.29	4019476.68	1.93890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.156E-03	0.00E+00
978	ALL	300650.23	4019325.33	5.43050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.237E-04	0.00E+00
979	ALL	300691.52	4019339.38	6.88210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.102E-04	0.00E+00
980	ALL	300686.69	4019293.70	5.68820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.391E-04	0.00E+00
981	ALL	300409.07	4019672.85	6.50050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.875E-04	0.00E+00
982	ALL	300407.72	4019653.69	5.83320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.477E-04	0.00E+00
983	ALL	300357.00	4019660.98	5.09980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.040E-04	0.00E+00
984	ALL	300340.01	4019661.79	4.85690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.895E-04	0.00E+00
985	ALL	300334.88	4019673.12	5.04730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.009E-04	0.00E+00
986	ALL	300232.01	4020464.48	1.08910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.492E-04	0.00E+00
987	ALL	300230.66	4020472.85	1.07470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.406E-04	0.00E+00
988	ALL	300228.77	4020486.07	1.05270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.275E-04	0.00E+00
989	ALL	300234.44	4020508.47	1.03050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.143E-04	0.00E+00
990	ALL	301062.27	4020113.46	5.94190E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.542E-03	0.00E+00
991	ALL	301080.21	4020112.48	4.94580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.948E-03	0.00E+00
992	ALL	301091.91	4020111.51	4.44570E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.650E-03	0.00E+00
993	ALL	301121.55	4020107.41	3.53620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.108E-03	0.00E+00
994	ALL	301150.60	4020108.19	2.82670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.685E-03	0.00E+00
995	ALL	301170.10	4020106.24	2.50540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.493E-03	0.00E+00
996	ALL	301192.91	4020111.12	2.12050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.264E-03	0.00E+00
997	ALL	301208.32	4020118.14	1.87680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.119E-03	0.00E+00
998	ALL	301206.76	4020159.86	1.57580E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.393E-04	0.00E+00
999	ALL	301052.33	4020162.79	4.13780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.467E-03	0.00E+00
1000	ALL	301083.72	4020160.25	3.33980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.991E-03	0.00E+00
1001	ALL	301113.75	4020162.01	2.67740E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.596E-03	0.00E+00
1002	ALL	301127.40	4020158.69	2.49170E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.485E-03	0.00E+00
1003	ALL	301147.68	4020159.47	2.18780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.304E-03	0.00E+00
1004	ALL	301207.97	4020177.63	1.45990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.702E-04	0.00E+00
1005	ALL	301235.23	4020156.85	1.39000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.286E-04	0.00E+00
1006	ALL	301232.53	4020139.85	1.50530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.973E-04	0.00E+00
1007	ALL	301235.50	4020117.18	1.63040E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.719E-04	0.00E+00
1008	ALL	301271.13	4020107.46	1.42870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.517E-04	0.00E+00
1009	ALL	301306.21	4020109.08	1.21650E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.251E-04	0.00E+00
1010	ALL	301341.30	4020107.73	1.06050E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.321E-04	0.00E+00
1011	ALL	301357.22	4020103.41	1.01180E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.031E-04	0.00E+00
1012	ALL	301375.03	4020106.92	9.36850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.584E-04	0.00E+00
1013	ALL	301390.15	4020106.38	8.90080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.306E-04	0.00E+00
1014	ALL	301409.04	4020098.83	8.53850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.090E-04	0.00E+00
1015	ALL	301417.41	4020151.18	7.11690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.242E-04	0.00E+00
1016	ALL	301374.49	4020155.77	8.05230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.800E-04	0.00E+00
1017	ALL	301370.45	4020179.52	7.61430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.539E-04	0.00E+00
1018	ALL	301061.97	4020457.87	1.02510E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.111E-04	0.00E+00
1019	ALL	301062.34	4020429.85	1.11630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.654E-04	0.00E+00
1020	ALL	301065.33	4020398.84	1.22380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.295E-04	0.00E+00
1021	ALL	301063.46	4020414.91	1.16720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.958E-04	0.00E+00
1022	ALL	301059.73	4020368.96	1.38000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.226E-04	0.00E+00
1023	ALL	301062.72	4020354.39	1.44120E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.591E-04	0.00E+00
1024	ALL	301056.74	4020247.92	2.33980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.395E-03	0.00E+00
1025	ALL	301061.14	4020321.27	1.64610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.812E-04	0.00E+00
1026	ALL	301062.30	4020291.90	1.85360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.105E-03	0.00E+00
1027	ALL	301060.85	4020277.36	1.99030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.186E-03	0.00E+00
1028	ALL	301114.36	4020261.36	1.68320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.003E-03	0.00E+00
1029	ALL	301112.61	4020232.86	1.91130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.139E-03	0.00E+00
1030	ALL	301136.75	4020270.38	1.46650E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.742E-04	0.00E+00
1031	ALL	301136.17	4020242.17	1.63450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.743E-04	0.00E+00
1032	ALL	301151.58	4020266.31	1.38960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.283E-04	0.00E+00
1033	ALL	301150.71	4020241.00	1.52910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.115E-04	0.00E+00
1034	ALL	301166.70	4020240.42	1.41850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.455E-04	0.00E+00
1035	ALL	301182.11	4020266.89	1.21160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.222E-04	0.00E+00
1036	ALL	301180.08	4020238.10	1.34200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.999E-04	0.00E+00
1037	ALL	301068.12	4020196.51	2.94370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.755E-03	0.00E+00
1038	ALL	301082.08	4020188.37	2.83750E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.691E-03	0.00E+00
1039	ALL	301101.27	4020190.40	2.49180E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.485E-03	0.00E+00
1040	ALL	301117.55	4020189.82	2.26570E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.351E-03	0.00E+00
1041	ALL	301149.54	4020188.08	1.90030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.133E-03	0.00E+00
1042	ALL	301167.28	4020190.11	1.70920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.019E-03	0.00E+00
1043	ALL	301209.45	4020193.02	1.36860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.158E-04	0.00E+00
1044	ALL	301237.37	4020195.35	1.19700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.135E-04	0.00E+00
1045	ALL	301199.56	4020237.81	1.22930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.328E-04	0.00E+00
1046	ALL	301214.98	4020266.01	1.05610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.295E-04	0.00E+00
1047	ALL	301231.84	4020264.85	9.88700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.894E-04	0.00E+00
1048	ALL	301249.58	4020263.98	9.22460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.499E-04	0.00E+00
1049	ALL	301231.26	4020238.68	1.06890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.371E-04	0.00E+00
1050	ALL	301215.56	4020239.26	1.14070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.799E-04	0.00E+00
1051	ALL	301120.44	4020437.65	9.27330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.528E-04	0.00E+00
1052	ALL	301118.41	4020422.82	9.71610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.792E-04	0.00E+00
1053	ALL	301118.12	4020405.95	1.01990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.079E-04	0.00E+00
1054	ALL	301116.66	4020385.89	1.08630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.476E-04	0.00E+00
1055	ALL	301115.21	4020349.53	1.22150E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.281E-04	0.00E+00
1056	ALL	301114.05	4020328.59	1.31620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.846E-04	0.00E+00
1057	ALL	301110.85	4020312.60	1.40940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.401E-04	0.00E+00
1058	ALL	301151.27	4020349.53	1.07280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.395E-04	0.00E+00
1059	ALL	301157.38	4020374.25	9.80540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.845E-04	0.00E+00
1060	ALL	301158.25	4020409.15	8.92740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.322E-04	0.00E+00
1061	ALL	301160.00	4020426.89	8.49490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.064E-04	0.00E+00
1062	ALL	301159.12	4020439.40	8.26070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.924E-04	0.00E+00
1063	ALL	301162.03	4020458.88	7.82040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.662E-04	0.00E+00
1064	ALL	301140.22	4020458.88	8.30640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.951E-04	0.00E+00
1065	ALL	301098.63	4020459.17	9.29280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.539E-04	0.00E+00
1066	ALL	301079.44	4020461.50	9.70590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.786E-04	0.00E+00
1067	ALL	301177.45	4020460.05	7.46970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.453E-04	0.00E+00
1068	ALL	301194.02	4020460.63	7.11880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.243E-04	0.00E+00
1069	ALL	301200.42	4020446.09	7.20800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.297E-04	0.00E+00

1070	ALL	301206.24	4020428.05	7.35990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.387E-04	0.00E+00
1071	ALL	301209.73	4020418.17	7.43520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.432E-04	0.00E+00
1072	ALL	301216.13	4020403.04	7.51930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.482E-04	0.00E+00
1073	ALL	301218.16	4020385.89	7.74830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.619E-04	0.00E+00
1074	ALL	301196.93	4020388.50	8.27820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.935E-04	0.00E+00
1075	ALL	301173.37	4020379.20	9.16680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.464E-04	0.00E+00
1076	ALL	301215.54	4020370.76	8.08520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.819E-04	0.00E+00
1077	ALL	301210.85	4020339.40	8.85010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.275E-04	0.00E+00
1078	ALL	301195.96	4020317.26	9.90470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.904E-04	0.00E+00
1079	ALL	301243.86	4020321.69	8.14710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.856E-04	0.00E+00
1080	ALL	301244.67	4020335.78	7.86660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.689E-04	0.00E+00
1081	ALL	301245.15	4020369.16	7.30910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.357E-04	0.00E+00
1082	ALL	301247.38	4020427.11	6.47630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.860E-04	0.00E+00
1083	ALL	301241.25	4020446.61	6.36320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.793E-04	0.00E+00
1084	ALL	301280.81	4020448.28	5.63510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.359E-04	0.00E+00
1085	ALL	301292.51	4020409.83	5.79590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.455E-04	0.00E+00
1086	ALL	301341.54	4020354.67	5.44850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.248E-04	0.00E+00
1087	ALL	301292.59	4020313.41	6.96750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.153E-04	0.00E+00
1088	ALL	301330.03	4020314.22	6.11730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.646E-04	0.00E+00
1089	ALL	301374.72	4020306.97	5.41030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.225E-04	0.00E+00
1090	ALL	301419.00	4020306.97	4.77920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.849E-04	0.00E+00
1091	ALL	301328.02	4020294.49	6.42960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.833E-04	0.00E+00
1092	ALL	301292.99	4020282.82	7.46380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.449E-04	0.00E+00
1093	ALL	301329.23	4020255.85	7.05130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.203E-04	0.00E+00
1094	ALL	301290.58	4020251.42	8.15740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.863E-04	0.00E+00
1095	ALL	301323.59	4020219.21	7.94260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.735E-04	0.00E+00
1096	ALL	301416.99	4020215.99	5.97590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.562E-04	0.00E+00
1097	ALL	301379.95	4020255.44	6.00990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.582E-04	0.00E+00
1098	ALL	301466.50	4020195.86	5.49340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.275E-04	0.00E+00
1099	ALL	301414.57	4020253.03	5.47990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.267E-04	0.00E+00
1100	ALL	301470.13	4020246.99	4.81300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.869E-04	0.00E+00
1101	ALL	301475.36	4020357.70	3.75150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.236E-04	0.00E+00
1102	ALL	301500.32	4020363.74	3.50230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.088E-04	0.00E+00
1103	ALL	301468.19	4020147.32	6.18950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.690E-04	0.00E+00
1104	ALL	301511.71	4020148.87	5.49310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.274E-04	0.00E+00
1105	ALL	301526.08	4020146.81	5.32590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.175E-04	0.00E+00
1106	ALL	301544.56	4020144.76	5.11660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.050E-04	0.00E+00
1107	ALL	301580.15	4020144.76	4.70910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.807E-04	0.00E+00
1108	ALL	301597.60	4020143.73	4.54010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.706E-04	0.00E+00
1109	ALL	301616.77	4020142.36	4.36840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.604E-04	0.00E+00
1110	ALL	301634.22	4020138.60	4.24510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.531E-04	0.00E+00
1111	ALL	301653.04	4020140.99	4.06270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.422E-04	0.00E+00
1112	ALL	301667.07	4020141.34	3.94710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.353E-04	0.00E+00
1113	ALL	301683.15	4020141.68	3.82210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.278E-04	0.00E+00
1114	ALL	301700.27	4020139.28	3.71690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.216E-04	0.00E+00
1115	ALL	301712.93	4020136.89	3.64710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.174E-04	0.00E+00
1116	ALL	301749.89	4020132.44	3.44320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.052E-04	0.00E+00
1117	ALL	301755.02	4020177.95	3.14870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.877E-04	0.00E+00
1118	ALL	301784.45	4020136.55	3.23820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.930E-04	0.00E+00
1119	ALL	301806.35	4020133.47	3.17380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.892E-04	0.00E+00
1120	ALL	301808.06	4020176.58	2.95560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.762E-04	0.00E+00
1121	ALL	301809.09	4020198.49	2.85310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.701E-04	0.00E+00
1122	ALL	301712.58	4020198.83	3.24880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.937E-04	0.00E+00
1123	ALL	301693.76	4020200.54	3.34400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.993E-04	0.00E+00
1124	ALL	301668.78	4020201.22	3.49060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.081E-04	0.00E+00
1125	ALL	301636.61	4020203.28	3.69070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.200E-04	0.00E+00
1126	ALL	301614.71	4020201.22	3.86780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.306E-04	0.00E+00
1127	ALL	301750.57	4020202.93	3.03610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.810E-04	0.00E+00
1128	ALL	301751.94	4020218.68	2.94890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.758E-04	0.00E+00
1129	ALL	301863.19	4020024.64	3.49880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.086E-04	0.00E+00
1130	ALL	301894.68	4020028.41	3.19910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.907E-04	0.00E+00
1131	ALL	301755.30	4019984.22	4.48220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.672E-04	0.00E+00
1132	ALL	301766.18	4019983.23	4.39100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.617E-04	0.00E+00
1133	ALL	301799.81	4019963.95	4.27380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.548E-04	0.00E+00
1134	ALL	301863.35	4019969.63	3.79480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.262E-04	0.00E+00
1135	ALL	301798.16	4019991.75	4.08610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.436E-04	0.00E+00
1136	ALL	301796.80	4019954.28	4.36380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.601E-04	0.00E+00
1137	ALL	301795.44	4019916.82	4.64810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.771E-04	0.00E+00
1138	ALL	301794.08	4019879.35	4.94930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.950E-04	0.00E+00
1139	ALL	301801.78	4019862.89	5.01780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.991E-04	0.00E+00
1140	ALL	301800.42	4019825.43	5.33720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.181E-04	0.00E+00
1141	ALL	301799.06	4019787.96	5.64950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.368E-04	0.00E+00
1142	ALL	301797.71	4019750.49	5.95470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.550E-04	0.00E+00
1143	ALL	300379.44	4019229.80	1.58980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.477E-05	0.00E+00
1144	ALL	300378.08	4019192.33	1.48630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.859E-05	0.00E+00
1145	ALL	300376.72	4019154.87	1.39580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.320E-05	0.00E+00
1146	ALL	300375.36	4019117.40	1.31660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.848E-05	0.00E+00
1147	ALL	300313.79	4019143.62	1.14720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.838E-05	0.00E+00
1148	ALL	300277.40	4019142.80	1.05120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.266E-05	0.00E+00
1149	ALL	300315.51	4019127.48	1.12450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.703E-05	0.00E+00
1150	ALL	300314.15	4019090.02	1.06360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.340E-05	0.00E+00
1151	ALL	300339.80	4020163.10	2.02090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.205E-03	0.00E+00
1152	ALL	300981.48	4020980.84	3.66940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.187E-04	0.00E+00
1153	ALL	301081.26	4020927.88	3.59730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.144E-04	0.00E+00
1154	ALL	301081.26	4020894.43	3.79660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.263E-04	0.00E+00
1155	ALL	301104.12	4020903.91	3.64370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.172E-04	0.00E+00
1156	ALL	301135.34	4020915.06	3.45910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.062E-04	0.00E+00
1157	ALL	301171.57	4020910.04	3.34410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.993E-04	0.00E+00
1158	ALL	301222.86	4020899.45	3.18780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.900E-04	0.00E+00
1159	ALL	301341.60	4020823.63	2.96400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.767E-04	0.00E+00
1160	ALL	301279.72	4020755.07	3.57400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.130E-04	0.00E+00
1161	ALL	301327.10	4020693.74	3.55380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.118E-04	0.00E+00
1162	ALL	301354.42	4020691.51	3.37500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.012E-04	0.00E+00
1163	ALL	301752.53	4019667.27	7.29490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.348E-04	0.00E+00
1164	ALL	301796.26	4019632.29	6.68850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.987E-04	0.00E+00
1165	ALL	301853.60	4019653.18	5.80540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.461E-04	0.00E+00
1166	ALL	301906.56	4019658.53	5.05050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.011E-04	0.00E+00
1167	ALL	301958.56	4019657.55	4.51760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.693E-04	0.00E+00
1168	ALL	301856.03	4019592.93	5.95310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.549E-04	0.00E+00
1169	ALL	301799.66	4019592.93	6.74920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.023E-04	0.00E+00
1170	ALL	301845.34	4019524.90	6.24810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.724E-04	0.00E+00
1171	ALL	301782.65	4019418.97	6.89980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.113E-04	0.00E+00
1172	ALL	301793.34	4019490.88	6.93510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.134E-04	0.00E+00
1173	ALL	301809.36	4020241.57	2.66430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.588E-04	0.00E+00
1174	ALL	301808.79	4020283.30	2.48760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.483E-04	0.00E+00
1175	ALL	301809.93	4020302.17	2.40580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.434E-04	0.00E+00
1176	ALL	301812.22	4020365.05	2.11800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.263E-04	0.00E+00
1177	ALL	301767.63	4020349.62	2.28970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.365E-04	0.00E+00
1178	ALL	301713.89	4020302.17	2.68240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.599E-04	0.00E+00
1179	ALL	301711.03	4020243.85	3.00030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.788E-04	0.00E+00
1180	ALL	301807.65	4020260.43	2.58600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.542E-04	0.00E+00
1181	ALL	301544.16	4019649.35	1.28780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.676E-04	0.00E+00
1182	ALL	301580.04	4019666.79	1.15230E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.868E-04	0.00E+00
1183	ALL	301581.04	4019646.36	1.15110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.862E-04	0.00E+00
1184	ALL	301578.55	4019629.42	1.16200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.926E-04	0.00E+00
1185	ALL	301541.17	4019628.42	1.30120E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.756E-04	0.00E+00
1186	ALL	301731.04	4019665.80	7.66790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.571E-04	0.00E+00
1187	ALL	301754.96	4019699.19	7.03490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.193E-04	0.00E+00
1188	ALL	301783.87	4019702.67	6.53700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.897E-04	0.00E+00
1189	ALL	301905.65	4019714.40	4.82170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.874E-04	0.00E+00

HARP2 - HRACalc (dated 22118) 8/16/2024 11:55:25 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: 1.96

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.96
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: False

****
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 (m^2): 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\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED
```

CONSTRUCTION\hra\Unmit ConCancerRisk.csv
Cancer risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConNCChronicRisk.csv
Chronic risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConNCAcuteRisk.csv
Acute risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\PLUMB BLOSSOM - UNMITIGATED CONSTRUCTION\hra\Unmit ConNCAcuteRiskSumByRec.csv
HRA ran successfully

Health Risk Assessment

Mitigated Construction

Plumb Blossom Estates Project (Mitigated Construction – Tier 4 Equipment Scenario)

Estimation of Annual Onsite Construction Emissions

Start of Construction	1/1/2025	
End of Construction	12/16/2026	**Total**
Number of Days	714	714
Number of Hours	17,136	17,136

Size of the construction area source: **166,972.9** **sq-meters**

Run	Year	On-site Construction Activity	Tier 4 Mitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	2.9880
Project Construction	2025	Grading	12.8121
Project Construction	2025	Paving	5.6977
Project Construction	2025	Building Construction	35.1789
Project Construction	2026	Building Construction	45.5015
Project Construction	2026	Architectural Coating	1.2734

Total Tier 4 Mitigated DPM (On-site) 1.035E+02 pounds

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

Average Emission for AREA	4.697E+04	grams
	7.613E-04	grams/sec
	4.560E-09	grams/m2-sec

Pounds/Construction Period	1.035E+02
Pounds/Day	1.449E-01
Pounds/Hour	6.037E-03
Pounds/Year	5.288E+01
Years	1.95616

Plumb Blossom Estates Project (Mitigated Construction – Tier 4 Equipment Scenario)

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

Start of Construction		1/1/2025				
End of Construction		12/16/2026				**Total**
Number of Days		714				714
Number of Hours		17,136				17,136

	2025 Project Construction	2025 Project Construction	2025 Project Construction	2025 +2026 Project Construction	2026 Project Construction	
Construction Trip Type	Site Preparation	Grading	Paving	Building Construction	Architectural Coating	**Total (pounds)**
Total (pounds)	0.19845	2.14960	0.36383	2.447586692	0.36383	**5.52330**

	Haul Truck	**Vendor Truck**	**Worker**	**Total**
Site Preparation	0.00	599.71	525.00	1,124.71
Grading	1,250.00	1,499.27	1,500.00	4,249.27
Paving	0.00	1,099.47	825.00	1,924.47
Building Construction (2025 + 2026)	0.00	7,396.41	24,908.40	32,304.81
Architectural Coating	0.00	1,099.47	740.52	1,839.99
Total	**1,250.00**	**11,694.33**	**28,498.92**	**41,443.25**

	Haul Truck (pounds)	**Vendor Truck (pounds)**	**Worker (pounds)**	**Total (pounds)**
Total DPM	1.666E-01	1.559E+00	3.798E+00	5.523E+00
Average Emissions				
Grams	7.563E+01	7.076E+02	1.724E+03	
Grams/sec	1.226E-06	1.147E-05	2.795E-05	
Default Distance	20	7.43	11.41	Default Vehicle Travel Distance in CalEEMod

Vehicle Travel Distances in the Construction HRA (miles)				
Off-site Road Segment 1	0.49	0.49	0.49	miles
Off-site Road Segment 2	0.55	0.55	0.55	miles
On-site Travel	0.85	0.85	0.85	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
On-site Travel	100.0%	100.0%	100.0%	on-site

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**	
Off-site Road Segment 1	1.497E-08	3.771E-07	5.984E-07	9.905E-07	Off-site Road Segment 1
Off-site Road Segment 2	1.699E-08	4.280E-07	6.791E-07	1.124E-06	Off-site Road Segment 2
On-site Travel	5.195E-08	0.000E+00	2.076E-06	2.128E-06	On-site, on-road construction vehicle travel

	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year
Off-site Road Segment 1	9.905E-07	7.861E-06	1.887E-04	6.887E-02	3.443E-05
Off-site Road Segment 2	1.124E-06	8.922E-06	2.141E-04	7.815E-02	3.908E-05
On-site Travel	2.128E-06	1.689E-05	4.053E-04	2.894E-01	1.447E-04

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

Plumb Blossom Estates Project Mitigated Construction (Tier 4 Scenario)

	RISK SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	4.8346E-06	4.83	2.8818E-03	0.00E+00

	X	Y
MEI UTM	301056.23	4019874.77
Lat/Long	36°18'12.1"N	119°12'56.6"W
Receptor #	785	

*HARP - HRACalc v22118 8/16/2024 1:30:30 PM - Cancer Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier 4HRAInput.hra
*HARP - HRACalc v22118 8/16/2024 1:30:30 PM - Chronic Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier 4HRAInput.hra
*HARP - HRACalc v22118 8/16/2024 1:30:30 PM - Acute Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier 4HRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	301075.66	4020008.19	3.01170E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.795E-03	0.00E+00
2	ALL	301058.94	4019969.10	4.33920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.587E-03	0.00E+00
3	ALL	301060.80	4019929.61	4.44610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.650E-03	0.00E+00
4	ALL	301059.44	4019892.15	4.62380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.756E-03	0.00E+00
5	ALL	301058.08	4019854.68	4.72260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.815E-03	0.00E+00
6	ALL	301056.72	4019817.21	4.75530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.835E-03	0.00E+00
7	ALL	301055.36	4019779.75	4.71660E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.812E-03	0.00E+00
8	ALL	301053.73	4019745.78	4.62540E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.757E-03	0.00E+00
9	ALL	301051.86	4019666.52	3.59210E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.141E-03	0.00E+00
10	ALL	301109.50	4020110.44	8.82180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.259E-04	0.00E+00
11	ALL	301066.52	4020161.28	8.68160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.175E-04	0.00E+00
12	ALL	301113.13	4020006.83	1.80090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.074E-03	0.00E+00
13	ALL	301111.77	4019969.36	2.11930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.263E-03	0.00E+00
14	ALL	301110.41	4019931.90	2.36310E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.409E-03	0.00E+00
15	ALL	301109.06	4019894.43	2.52950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.508E-03	0.00E+00
16	ALL	301107.70	4019856.96	2.63800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.572E-03	0.00E+00
17	ALL	301106.34	4019819.50	2.69730E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.608E-03	0.00E+00
18	ALL	301104.98	4019782.03	2.71060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.616E-03	0.00E+00
19	ALL	301103.62	4019744.56	2.67590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.595E-03	0.00E+00
20	ALL	301101.65	4019659.56	2.23940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.335E-03	0.00E+00
21	ALL	301140.74	4020109.86	6.92590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.128E-04	0.00E+00
22	ALL	301099.11	4020162.54	6.80240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.055E-04	0.00E+00
23	ALL	301147.64	4020007.89	1.22990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.331E-04	0.00E+00
24	ALL	301141.97	4019956.96	1.59060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.481E-04	0.00E+00
25	ALL	301147.89	4019930.54	1.61350E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.618E-04	0.00E+00
26	ALL	301146.53	4019893.07	1.76220E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.050E-03	0.00E+00
27	ALL	301145.17	4019855.60	1.86370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.111E-03	0.00E+00
28	ALL	301143.81	4019818.14	1.92850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.150E-03	0.00E+00
29	ALL	301142.45	4019780.67	1.95860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.168E-03	0.00E+00
30	ALL	301141.09	4019743.20	1.95390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.165E-03	0.00E+00
31	ALL	301138.38	4019668.27	1.77720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.059E-03	0.00E+00
32	ALL	301180.94	4020105.77	5.40850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.224E-04	0.00E+00
33	ALL	301161.22	4020159.23	4.66850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.783E-04	0.00E+00
34	ALL	301137.19	4020189.62	4.66770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.782E-04	0.00E+00
35	ALL	301055.65	4020229.32	5.99600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.574E-04	0.00E+00
36	ALL	301188.08	4020004.11	8.79440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.242E-04	0.00E+00
37	ALL	301178.91	4019958.56	1.13440E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.762E-04	0.00E+00
38	ALL	301185.37	4019929.18	1.17530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.006E-04	0.00E+00
39	ALL	301184.01	4019891.71	1.29270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.705E-04	0.00E+00
40	ALL	301182.65	4019854.24	1.38680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.267E-04	0.00E+00
41	ALL	301181.29	4019816.78	1.45100E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.649E-04	0.00E+00
42	ALL	301179.93	4019779.31	1.48820E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.871E-04	0.00E+00
43	ALL	301178.57	4019741.85	1.49930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.937E-04	0.00E+00
44	ALL	301195.62	4019684.44	1.29700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.731E-04	0.00E+00
45	ALL	301203.62	4020144.51	3.94390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.351E-04	0.00E+00
46	ALL	301111.27	4020246.78	4.18280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.493E-04	0.00E+00
47	ALL	301225.56	4020002.75	6.74920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.023E-04	0.00E+00
48	ALL	301216.66	4019959.09	8.48450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.058E-04	0.00E+00
49	ALL	301222.84	4019927.82	8.95110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.336E-04	0.00E+00
50	ALL	301221.48	4019890.35	9.89500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.898E-04	0.00E+00
51	ALL	301220.12	4019852.88	1.06700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.360E-04	0.00E+00
52	ALL	301218.76	4019815.42	1.12760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.722E-04	0.00E+00
53	ALL	301217.40	4019777.95	1.16710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.957E-04	0.00E+00
54	ALL	301216.04	4019740.49	1.18800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.081E-04	0.00E+00
55	ALL	301237.19	4019639.45	9.68000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.770E-04	0.00E+00
56	ALL	301253.92	4020108.40	3.56660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.126E-04	0.00E+00
57	ALL	301239.16	4020176.33	2.93370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.749E-04	0.00E+00
58	ALL	301166.90	4020270.40	2.95650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.762E-04	0.00E+00
59	ALL	301113.70	4020280.21	3.61960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.158E-04	0.00E+00
60	ALL	301258.45	4020007.35	5.39700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.217E-04	0.00E+00
61	ALL	301252.25	4019955.03	6.79320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.049E-04	0.00E+00
62	ALL	301260.32	4019926.46	7.05330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.204E-04	0.00E+00
63	ALL	301258.96	4019888.99	7.81320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.657E-04	0.00E+00
64	ALL	301257.60	4019851.53	8.46500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.046E-04	0.00E+00
65	ALL	301256.24	4019814.06	8.98370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.355E-04	0.00E+00
66	ALL	301254.88	4019776.59	9.35770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.578E-04	0.00E+00
67	ALL	301253.52	4019739.13	9.62910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.740E-04	0.00E+00
68	ALL	301237.38	4019679.48	1.02990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.139E-04	0.00E+00
69	ALL	301291.72	4020106.15	3.02470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.803E-04	0.00E+00
70	ALL	301268.71	4020168.52	2.65680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.584E-04	0.00E+00
71	ALL	301245.70	4020230.89	2.38200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.420E-04	0.00E+00
72	ALL	301201.48	4020270.07	2.55090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.521E-04	0.00E+00
73	ALL	301143.89	4020319.50	2.78650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.661E-04	0.00E+00
74	ALL	301060.90	4020335.56	3.59180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.141E-04	0.00E+00
75	ALL	301294.32	4020000.26	4.53900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.706E-04	0.00E+00
76	ALL	301309.66	4019954.75	4.90350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.923E-04	0.00E+00
77	ALL	301297.79	4019925.10	5.70890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.403E-04	0.00E+00
78	ALL	301296.43	4019887.63	6.32150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.768E-04	0.00E+00
79	ALL	301295.07	4019850.17	6.86360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.091E-04	0.00E+00
80	ALL	301293.71	4019812.70	7.31310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.359E-04	0.00E+00
81	ALL	301292.35	4019775.23	7.66040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.566E-04	0.00E+00

82	ALL	301291.00	4019737.77	7.93220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.728E-04	0.00E+00
83	ALL	301288.28	4019662.83	7.91770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.720E-04	0.00E+00
84	ALL	301324.57	4020107.12	2.62710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.566E-04	0.00E+00
85	ALL	301306.89	4020165.25	2.30590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.375E-04	0.00E+00
86	ALL	301284.35	4020226.35	2.07360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.236E-04	0.00E+00
87	ALL	301232.33	4020301.26	2.06940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.234E-04	0.00E+00
88	ALL	301159.39	4020318.12	2.63220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.569E-04	0.00E+00
89	ALL	301113.79	4020364.65	2.70100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.610E-04	0.00E+00
90	ALL	301333.40	4019998.67	3.76450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.244E-04	0.00E+00
91	ALL	301336.63	4019961.21	4.19150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.499E-04	0.00E+00
92	ALL	301335.27	4019923.74	4.71780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.812E-04	0.00E+00
93	ALL	301333.91	4019886.27	5.21480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.108E-04	0.00E+00
94	ALL	301332.55	4019848.81	5.66570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.377E-04	0.00E+00
95	ALL	301331.19	4019811.34	6.05170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.607E-04	0.00E+00
96	ALL	301329.83	4019773.87	6.36880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.796E-04	0.00E+00
97	ALL	301328.47	4019736.41	6.63680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.956E-04	0.00E+00
98	ALL	301325.75	4019661.47	6.72500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.009E-04	0.00E+00
99	ALL	301428.95	4020101.66	1.83630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.095E-04	0.00E+00
100	ALL	301393.16	4020157.47	1.74610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.041E-04	0.00E+00
101	ALL	301382.20	4020228.38	1.48370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.844E-05	0.00E+00
102	ALL	301358.83	4020291.75	1.35900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.101E-05	0.00E+00
103	ALL	301304.87	4020369.43	1.38290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.243E-05	0.00E+00
104	ALL	301243.71	4020398.08	1.60140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.546E-05	0.00E+00
105	ALL	301182.55	4020426.72	1.83340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.093E-04	0.00E+00
106	ALL	301121.39	4020455.37	2.03680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.214E-04	0.00E+00
107	ALL	301425.09	4020000.09	2.55810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.525E-04	0.00E+00
108	ALL	301418.56	4019954.95	2.99160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.783E-04	0.00E+00
109	ALL	301419.66	4019915.67	3.29560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.965E-04	0.00E+00
110	ALL	301418.30	4019878.21	3.60770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.151E-04	0.00E+00
111	ALL	301416.94	4019840.74	3.90390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.327E-04	0.00E+00
112	ALL	301413.13	4019806.40	4.20810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.508E-04	0.00E+00
113	ALL	301411.77	4019768.93	4.45840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.658E-04	0.00E+00
114	ALL	301410.41	4019731.47	4.69690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.800E-04	0.00E+00
115	ALL	301411.67	4019671.06	4.84330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.887E-04	0.00E+00
116	ALL	301487.94	4020167.66	1.29320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.709E-05	0.00E+00
117	ALL	301480.81	4020228.36	1.13760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.781E-05	0.00E+00
118	ALL	301456.90	4020293.16	1.03820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.188E-05	0.00E+00
119	ALL	301433.00	4020357.96	9.67050E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.765E-05	0.00E+00
120	ALL	301377.82	4020437.41	9.95850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.936E-05	0.00E+00
121	ALL	301315.27	4020466.71	1.14420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.820E-05	0.00E+00
122	ALL	301252.72	4020496.01	1.30480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.778E-05	0.00E+00
123	ALL	301556.29	4019987.91	1.71760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.024E-04	0.00E+00
124	ALL	301554.94	4019950.44	1.87980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.121E-04	0.00E+00
125	ALL	301553.58	4019912.98	2.04610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.220E-04	0.00E+00
126	ALL	301552.22	4019879.02	2.20240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.313E-04	0.00E+00
127	ALL	301549.58	4019840.06	2.38930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.424E-04	0.00E+00
128	ALL	301548.22	4019802.60	2.55930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.526E-04	0.00E+00
129	ALL	301546.86	4019765.13	2.73200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.629E-04	0.00E+00
130	ALL	301547.74	4019730.65	2.88590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.720E-04	0.00E+00
131	ALL	301546.55	4019667.68	3.09650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.846E-04	0.00E+00
132	ALL	301604.10	4020161.43	1.00460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.988E-05	0.00E+00
133	ALL	301579.82	4020227.23	9.16820E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.465E-05	0.00E+00
134	ALL	301555.55	4020293.02	8.37100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.990E-05	0.00E+00
135	ALL	301531.27	4020358.82	7.69690E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.588E-05	0.00E+00
136	ALL	301507.00	4020424.62	7.28280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.341E-05	0.00E+00
137	ALL	301450.97	4020505.29	7.58260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.520E-05	0.00E+00
138	ALL	301387.46	4020535.04	8.62350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.140E-05	0.00E+00
139	ALL	301323.95	4020564.79	9.77660E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.828E-05	0.00E+00
140	ALL	301260.44	4020594.54	1.08760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.483E-05	0.00E+00
141	ALL	301637.79	4019987.80	1.37480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.195E-05	0.00E+00
142	ALL	301636.43	4019950.33	1.49030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.883E-05	0.00E+00
143	ALL	301635.07	4019912.86	1.60800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.585E-05	0.00E+00
144	ALL	301633.71	4019875.40	1.73350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.033E-04	0.00E+00
145	ALL	301632.35	4019837.93	1.86170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.110E-04	0.00E+00
146	ALL	301630.99	4019800.46	1.99190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.187E-04	0.00E+00
147	ALL	301629.63	4019763.00	2.12750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.268E-04	0.00E+00
148	ALL	301628.27	4019725.53	2.29090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.366E-04	0.00E+00
149	ALL	301625.56	4019650.60	2.44430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.457E-04	0.00E+00
150	ALL	301703.63	4020158.90	8.41290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.015E-05	0.00E+00
151	ALL	301679.08	4020225.43	7.71510E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.599E-05	0.00E+00
152	ALL	301654.54	4020291.96	7.05330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.204E-05	0.00E+00
153	ALL	301630.00	4020358.49	6.43530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.836E-05	0.00E+00
154	ALL	301605.45	4020425.02	5.96300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.555E-05	0.00E+00
155	ALL	301580.91	4020491.55	5.72420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.412E-05	0.00E+00
156	ALL	301524.26	4020573.12	6.01360E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.585E-05	0.00E+00
157	ALL	301460.04	4020603.19	6.77950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.041E-05	0.00E+00
158	ALL	301395.82	4020633.27	7.62540E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.545E-05	0.00E+00
159	ALL	301331.60	4020663.35	8.46480E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.046E-05	0.00E+00
160	ALL	301267.39	4020693.43	9.22090E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.496E-05	0.00E+00
161	ALL	301737.72	4019984.17	1.10740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.601E-05	0.00E+00
162	ALL	301736.36	4019946.71	1.18700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.075E-05	0.00E+00
163	ALL	301735.00	4019909.24	1.26910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.565E-05	0.00E+00
164	ALL	301733.64	4019871.77	1.35630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.085E-05	0.00E+00
165	ALL	301732.29	4019834.31	1.45080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.648E-05	0.00E+00
166	ALL	301730.93	4019796.84	1.54690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.221E-05	0.00E+00
167	ALL	301729.57	4019759.37	1.65130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.843E-05	0.00E+00
168	ALL	301728.21	4019721.91	1.78580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.065E-04	0.00E+00
169	ALL	301725.49	4019646.97	1.92210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.146E-04	0.00E+00
170	ALL	301803.25	4020156.11	7.85310E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.681E-05	0.00E+00
171	ALL	301778.50	4020223.20	6.96050E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.149E-05	0.00E+00
172	ALL	301753.75	4020290.29	6.27280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.739E-05	0.00E+00
173	ALL	301729.00	4020357.38	5.64310E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.364E-05	0.00E+00
174	ALL	301704.25	4020424.47	5.11130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.047E-05	0.00E+00
175	ALL	301679.50	4020491.56	4.77590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.847E-05	0.00E+00
176	ALL	301654.75	4020558.65	4.64900E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.771E-05	0.00E+00
177	ALL	301597.63	4020640.90	4.92020E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.933E-05	0.00E+00
178	ALL	301532.87	4020671.23	5.50330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.281E-05	0.00E+00
179	ALL	301468.11	4020701.56	6.13530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.657E-05	0.00E+00
180	ALL	301403.35	4020731.89	6.79110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.048E-05	0.00E+00
181	ALL	301338.60	4020762.22	7.40460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.414E-05	0.00E+00
182	ALL	301273.84	4020792.55	7.92610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.725E-05	0.00E+00

183	ALL	301861.56	4019938.22	1.06850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.369E-05	0.00E+00
184	ALL	301860.20	4019900.75	1.12370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.698E-05	0.00E+00
185	ALL	301858.85	4019863.29	1.18270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.050E-05	0.00E+00
186	ALL	301857.49	4019825.82	1.24680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.432E-05	0.00E+00
187	ALL	301856.13	4019788.36	1.30910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.803E-05	0.00E+00
188	ALL	301854.77	4019750.89	1.37080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.171E-05	0.00E+00
189	ALL	301853.41	4019713.42	1.43140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.533E-05	0.00E+00
190	ALL	301927.85	4020085.62	6.81990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.065E-05	0.00E+00
191	ALL	301915.40	4020119.38	6.77130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.036E-05	0.00E+00
192	ALL	301890.48	4020186.91	6.86590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.093E-05	0.00E+00
193	ALL	301865.57	4020254.44	7.45710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.445E-05	0.00E+00
194	ALL	301816.65	4020341.41	5.68370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.388E-05	0.00E+00
195	ALL	301815.75	4020389.51	4.86030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.897E-05	0.00E+00
196	ALL	301790.83	4020457.04	4.31440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.572E-05	0.00E+00
197	ALL	301765.92	4020524.57	4.00250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.386E-05	0.00E+00
198	ALL	301741.01	4020592.10	3.88040E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.313E-05	0.00E+00
199	ALL	301716.10	4020659.63	3.88940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.318E-05	0.00E+00
200	ALL	301671.05	4020708.66	4.12660E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.460E-05	0.00E+00
201	ALL	301605.87	4020739.19	4.57980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.730E-05	0.00E+00
202	ALL	301540.68	4020769.72	5.06490E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.019E-05	0.00E+00
203	ALL	301475.50	4020800.25	5.57970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.326E-05	0.00E+00
204	ALL	301410.32	4020830.78	6.08640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.628E-05	0.00E+00
205	ALL	301345.13	4020861.31	6.53190E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.894E-05	0.00E+00
206	ALL	301279.95	4020891.84	6.90520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.116E-05	0.00E+00
207	ALL	301214.77	4020922.37	7.21420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.300E-05	0.00E+00
208	ALL	301182.18	4020937.63	7.33850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.374E-05	0.00E+00
209	ALL	301116.99	4020968.16	7.52640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.486E-05	0.00E+00
210	ALL	301927.66	4020029.44	7.36700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.391E-05	0.00E+00
211	ALL	301918.08	4019976.24	8.14220E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.854E-05	0.00E+00
212	ALL	301916.72	4019938.77	8.60460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.129E-05	0.00E+00
213	ALL	301915.37	4019901.30	9.08250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.414E-05	0.00E+00
214	ALL	301914.01	4019863.84	9.59070E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.717E-05	0.00E+00
215	ALL	301932.15	4019827.06	9.60850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.728E-05	0.00E+00
216	ALL	301930.79	4019789.59	1.01180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.031E-05	0.00E+00
217	ALL	301929.44	4019752.12	1.06130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.326E-05	0.00E+00
218	ALL	301928.08	4019714.66	1.10750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.602E-05	0.00E+00
219	ALL	301914.67	4019639.72	1.22130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.280E-05	0.00E+00
220	ALL	301050.33	4019607.46	2.10400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.254E-03	0.00E+00
221	ALL	301049.11	4019569.98	1.55200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.251E-04	0.00E+00
222	ALL	301100.81	4019607.96	1.71400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.022E-03	0.00E+00
223	ALL	301092.57	4019549.28	1.23140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.340E-04	0.00E+00
224	ALL	301141.73	4019642.62	1.60740E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.581E-04	0.00E+00
225	ALL	301044.43	4019499.03	9.53430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.683E-04	0.00E+00
226	ALL	301095.78	4019530.91	1.09510E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.528E-04	0.00E+00
227	ALL	301140.79	4019626.04	1.52140E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.069E-04	0.00E+00
228	ALL	301044.49	4019466.64	7.82900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.667E-04	0.00E+00
229	ALL	301095.39	4019478.87	8.16240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.866E-04	0.00E+00
230	ALL	301187.42	4019531.69	8.70300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.188E-04	0.00E+00
231	ALL	301235.70	4019599.43	8.98340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.355E-04	0.00E+00
232	ALL	301044.61	4019429.94	6.36050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.791E-04	0.00E+00
233	ALL	301093.74	4019441.13	6.69550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.991E-04	0.00E+00
234	ALL	301186.49	4019472.08	6.86860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.094E-04	0.00E+00
235	ALL	301230.51	4019510.87	7.12890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.249E-04	0.00E+00
236	ALL	301235.87	4019583.96	8.64920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.156E-04	0.00E+00
237	ALL	301093.68	4019415.39	5.88170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.506E-04	0.00E+00
238	ALL	301137.19	4019434.79	6.27350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.740E-04	0.00E+00
239	ALL	301283.01	4019529.56	6.41840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.826E-04	0.00E+00
240	ALL	301285.72	4019640.74	7.79500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.647E-04	0.00E+00
241	ALL	301329.23	4019637.28	6.47350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.859E-04	0.00E+00
242	ALL	301227.43	4019353.11	4.12150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.457E-04	0.00E+00
243	ALL	301263.17	4019366.54	4.13900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.467E-04	0.00E+00
244	ALL	301314.76	4019414.70	4.38000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.611E-04	0.00E+00
245	ALL	301316.12	4019452.95	4.83310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.881E-04	0.00E+00
246	ALL	301366.65	4019490.32	4.60920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.748E-04	0.00E+00
247	ALL	301369.60	4019528.11	4.87250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.904E-04	0.00E+00
248	ALL	301371.17	4019564.43	5.10350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.042E-04	0.00E+00
249	ALL	301374.01	4019601.07	5.26620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.139E-04	0.00E+00
250	ALL	301408.76	4019617.18	4.71510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.811E-04	0.00E+00
251	ALL	301045.49	4019186.04	2.13680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.274E-04	0.00E+00
252	ALL	301081.23	4019199.46	2.32510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.386E-04	0.00E+00
253	ALL	301116.97	4019212.89	2.50050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.491E-04	0.00E+00
254	ALL	301152.71	4019226.31	2.66180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.587E-04	0.00E+00
255	ALL	301188.45	4019239.74	2.80360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.671E-04	0.00E+00
256	ALL	301383.00	4019341.60	3.21790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.918E-04	0.00E+00
257	ALL	301398.85	4019376.34	3.38300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.017E-04	0.00E+00
258	ALL	301414.70	4019411.07	3.51530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.095E-04	0.00E+00
259	ALL	301452.76	4019453.56	3.45880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.062E-04	0.00E+00
260	ALL	301446.39	4019480.55	3.65330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.178E-04	0.00E+00
261	ALL	301462.24	4019515.28	3.64090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.170E-04	0.00E+00
262	ALL	301478.08	4019550.02	3.58780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.139E-04	0.00E+00
263	ALL	301493.93	4019584.75	3.49370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.083E-04	0.00E+00
264	ALL	301491.98	4019628.92	3.58300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.136E-04	0.00E+00
265	ALL	301035.67	4019083.46	1.48080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.827E-05	0.00E+00
266	ALL	301185.21	4019139.79	1.99960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.192E-04	0.00E+00
267	ALL	301363.92	4019206.92	2.34290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.397E-04	0.00E+00
268	ALL	301399.66	4019220.35	2.34570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.398E-04	0.00E+00
269	ALL	301498.78	4019372.71	2.75400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.642E-04	0.00E+00
270	ALL	301514.63	4019407.45	2.80330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.671E-04	0.00E+00
271	ALL	301530.48	4019442.19	2.82240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.682E-04	0.00E+00
272	ALL	301546.32	4019476.92	2.80510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.672E-04	0.00E+00
273	ALL	301562.17	4019511.66	2.76370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.647E-04	0.00E+00
274	ALL	301578.02	4019546.39	2.69660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.607E-04	0.00E+00
275	ALL	301593.86	4019581.13	2.60840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.555E-04	0.00E+00
276	ALL	301609.71	4019615.86	2.51280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.498E-04	0.00E+00
277	ALL	301039.00	4018986.14	1.10920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.612E-05	0.00E+00
278	ALL	301074.75	4018999.57	1.20160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.163E-05	0.00E+00
279	ALL	301114.96	4019030.14	1.36480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.135E-05	0.00E+00
280	ALL	301150.70	4019028.28	1.39450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.313E-05	0.00E+00
281	ALL	301192.41	4019027.54	1.42710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.507E-05	0.00E+00
282	ALL	301217.71	4019053.27	1.55440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.265E-05	0.00E+00
283	ALL	301253.45	4019066.70	1.63270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.732E-05	0.00E+00

284	ALL	301289.19	4019080.12	1.70260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-04	0.00E+00
285	ALL	301324.93	4019093.55	1.76150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.050E-04	0.00E+00
286	ALL	301360.68	4019106.97	1.80820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.078E-04	0.00E+00
287	ALL	301396.42	4019120.40	1.84160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.098E-04	0.00E+00
288	ALL	301432.16	4019133.82	1.86030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.109E-04	0.00E+00
289	ALL	301467.90	4019147.25	1.86430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.111E-04	0.00E+00
290	ALL	301551.18	4019264.88	2.10920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.257E-04	0.00E+00
291	ALL	301567.03	4019299.62	2.16850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.293E-04	0.00E+00
292	ALL	301582.87	4019334.35	2.21360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.320E-04	0.00E+00
293	ALL	301598.72	4019369.09	2.24010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.335E-04	0.00E+00
294	ALL	301614.57	4019403.82	2.24560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.339E-04	0.00E+00
295	ALL	301630.41	4019438.56	2.22960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.329E-04	0.00E+00
296	ALL	301646.26	4019473.30	2.19840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.310E-04	0.00E+00
297	ALL	301662.10	4019508.03	2.15130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.282E-04	0.00E+00
298	ALL	301677.95	4019542.77	2.09030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.246E-04	0.00E+00
299	ALL	301693.80	4019577.50	2.01970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.204E-04	0.00E+00
300	ALL	301709.64	4019612.24	1.95550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.166E-04	0.00E+00
301	ALL	301003.26	4018972.72	1.01750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.065E-05	0.00E+00
302	ALL	300963.76	4018974.00	9.60380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.725E-05	0.00E+00
303	ALL	300924.25	4018975.28	9.00280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.366E-05	0.00E+00
304	ALL	300884.75	4018976.56	8.38980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.001E-05	0.00E+00
305	ALL	300845.24	4018977.84	7.77690E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.636E-05	0.00E+00
306	ALL	300805.74	4018979.12	7.17250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.275E-05	0.00E+00
307	ALL	300766.23	4018980.40	6.58440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.925E-05	0.00E+00
308	ALL	300726.73	4018981.68	6.02530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.592E-05	0.00E+00
309	ALL	300687.22	4018982.97	5.50910E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.284E-05	0.00E+00
310	ALL	300647.72	4018984.25	5.04100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.005E-05	0.00E+00
311	ALL	300608.21	4018985.53	4.61460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.751E-05	0.00E+00
312	ALL	301031.96	4018881.76	8.34500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.974E-05	0.00E+00
313	ALL	301048.69	4018878.39	8.44970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.037E-05	0.00E+00
314	ALL	301106.61	4018920.02	9.98640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.953E-05	0.00E+00
315	ALL	301143.30	4018920.13	1.03080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.144E-05	0.00E+00
316	ALL	301184.12	4018943.70	1.12860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.728E-05	0.00E+00
317	ALL	301214.47	4018953.32	1.17900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.028E-05	0.00E+00
318	ALL	301250.21	4018966.75	1.24280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.408E-05	0.00E+00
319	ALL	301285.95	4018980.17	1.30310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.768E-05	0.00E+00
320	ALL	301321.69	4018993.60	1.35820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.096E-05	0.00E+00
321	ALL	301357.43	4019007.03	1.40680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.386E-05	0.00E+00
322	ALL	301393.18	4019020.45	1.44790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.631E-05	0.00E+00
323	ALL	301428.92	4019033.88	1.47950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.819E-05	0.00E+00
324	ALL	301464.66	4019047.30	1.50240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.956E-05	0.00E+00
325	ALL	301500.40	4019060.73	1.51550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.034E-05	0.00E+00
326	ALL	301536.14	4019074.15	1.51730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.044E-05	0.00E+00
327	ALL	301587.73	4019122.31	1.57940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.415E-05	0.00E+00
328	ALL	301603.57	4019157.05	1.64410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.800E-05	0.00E+00
329	ALL	301619.42	4019191.79	1.70230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.015E-04	0.00E+00
330	ALL	301635.27	4019226.52	1.75170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.044E-04	0.00E+00
331	ALL	301651.11	4019261.26	1.79080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.068E-04	0.00E+00
332	ALL	301666.96	4019295.99	1.81820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.084E-04	0.00E+00
333	ALL	301682.81	4019330.73	1.83230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.092E-04	0.00E+00
334	ALL	301698.65	4019365.46	1.83060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.091E-04	0.00E+00
335	ALL	301714.50	4019400.20	1.81910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.084E-04	0.00E+00
336	ALL	301730.35	4019434.93	1.79780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.072E-04	0.00E+00
337	ALL	301746.19	4019469.67	1.77270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.057E-04	0.00E+00
338	ALL	301762.04	4019504.41	1.74820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.042E-04	0.00E+00
339	ALL	301777.88	4019539.14	1.72300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-04	0.00E+00
340	ALL	301783.82	4019561.49	1.71530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.023E-04	0.00E+00
341	ALL	301000.02	4018872.77	7.81800E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.660E-05	0.00E+00
342	ALL	300960.52	4018874.05	7.39060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.405E-05	0.00E+00
343	ALL	300921.01	4018875.33	6.94720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.141E-05	0.00E+00
344	ALL	300881.51	4018876.61	6.49960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.874E-05	0.00E+00
345	ALL	300842.00	4018877.89	6.05300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.608E-05	0.00E+00
346	ALL	300802.50	4018879.18	5.60950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.344E-05	0.00E+00
347	ALL	300762.99	4018880.46	5.17450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.085E-05	0.00E+00
348	ALL	300723.49	4018881.74	4.76370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.840E-05	0.00E+00
349	ALL	300683.98	4018883.02	4.39520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.620E-05	0.00E+00
350	ALL	300644.48	4018884.30	4.07370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.428E-05	0.00E+00
351	ALL	300604.97	4018885.58	3.79000E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.259E-05	0.00E+00
352	ALL	301032.52	4018786.25	6.68290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.984E-05	0.00E+00
353	ALL	301068.26	4018799.67	7.17920E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.279E-05	0.00E+00
354	ALL	301104.01	4018813.10	7.67570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.575E-05	0.00E+00
355	ALL	301139.75	4018826.52	8.16960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.870E-05	0.00E+00
356	ALL	301175.49	4018839.95	8.66530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.165E-05	0.00E+00
357	ALL	301211.23	4018853.38	9.16710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.464E-05	0.00E+00
358	ALL	301246.97	4018866.80	9.67130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.765E-05	0.00E+00
359	ALL	301282.71	4018880.23	1.01690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.062E-05	0.00E+00
360	ALL	301318.45	4018893.65	1.06440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.345E-05	0.00E+00
361	ALL	301354.19	4018907.08	1.10850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.608E-05	0.00E+00
362	ALL	301389.93	4018920.50	1.14840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.846E-05	0.00E+00
363	ALL	301425.68	4018933.93	1.18340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.054E-05	0.00E+00
364	ALL	301461.42	4018947.35	1.21260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.228E-05	0.00E+00
365	ALL	301497.16	4018960.78	1.23560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.365E-05	0.00E+00
366	ALL	301532.90	4018974.20	1.25160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.461E-05	0.00E+00
367	ALL	301568.64	4018987.63	1.26070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.515E-05	0.00E+00
368	ALL	301604.38	4019001.06	1.26290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.528E-05	0.00E+00
369	ALL	301655.97	4019049.22	1.30980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.808E-05	0.00E+00
370	ALL	301671.82	4019083.95	1.36030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.109E-05	0.00E+00
371	ALL	301687.66	4019118.69	1.40590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.380E-05	0.00E+00
372	ALL	301703.51	4019153.42	1.44560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.617E-05	0.00E+00
373	ALL	301719.36	4019188.16	1.47860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.814E-05	0.00E+00
374	ALL	301735.20	4019222.90	1.50410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.966E-05	0.00E+00
375	ALL	301751.05	4019257.63	1.51970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.059E-05	0.00E+00
376	ALL	301766.89	4019292.37	1.52710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.103E-05	0.00E+00
377	ALL	301782.74	4019327.10	1.52660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.100E-05	0.00E+00
378	ALL	301838.35	4019417.19	1.50660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.981E-05	0.00E+00
379	ALL	301846.13	4019466.05	1.55830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.289E-05	0.00E+00
380	ALL	301861.97	4019500.78	1.48520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.853E-05	0.00E+00
381	ALL	301877.82	4019535.52	1.41110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.412E-05	0.00E+00
382	ALL	301893.67	4019570.25	1.33750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.973E-05	0.00E+00
383	ALL	301909.51	4019604.99	1.26320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.530E-05	0.00E+00
384	ALL	300996.78	4018772.82	6.19290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.692E-05	0.00E+00

385	ALL	300957.28	4018774.10	5.86610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.497E-05	0.00E+00
386	ALL	300917.77	4018775.38	5.53060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.297E-05	0.00E+00
387	ALL	300878.27	4018776.67	5.19270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.095E-05	0.00E+00
388	ALL	300838.76	4018777.95	4.85420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.894E-05	0.00E+00
389	ALL	300799.26	4018779.23	4.51540E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.692E-05	0.00E+00
390	ALL	300759.75	4018780.51	4.18250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.493E-05	0.00E+00
391	ALL	300720.25	4018781.79	3.86890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.306E-05	0.00E+00
392	ALL	300680.74	4018783.07	3.59080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.140E-05	0.00E+00
393	ALL	300641.24	4018784.35	3.35530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.000E-05	0.00E+00
394	ALL	300601.73	4018785.63	3.15580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.881E-05	0.00E+00
395	ALL	299944.83	4019657.16	4.84410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.888E-05	0.00E+00
396	ALL	299958.73	4019622.06	4.40150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.624E-05	0.00E+00
397	ALL	299972.63	4019586.96	4.00440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.387E-05	0.00E+00
398	ALL	299986.53	4019551.86	3.66590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.185E-05	0.00E+00
399	ALL	300000.42	4019516.75	3.38720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.019E-05	0.00E+00
400	ALL	300014.32	4019481.65	3.16590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.887E-05	0.00E+00
401	ALL	300028.22	4019446.55	2.99190E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.783E-05	0.00E+00
402	ALL	300042.12	4019411.45	2.85120E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.700E-05	0.00E+00
403	ALL	300056.02	4019376.34	2.73410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.630E-05	0.00E+00
404	ALL	300069.91	4019341.24	2.63560E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.571E-05	0.00E+00
405	ALL	300083.81	4019306.14	2.54760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.519E-05	0.00E+00
406	ALL	300097.71	4019271.04	2.45770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.465E-05	0.00E+00
407	ALL	300111.61	4019235.93	2.35720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.405E-05	0.00E+00
408	ALL	300159.98	4019185.45	2.24640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.339E-05	0.00E+00
409	ALL	300194.46	4019170.07	2.25240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.343E-05	0.00E+00
410	ALL	300228.94	4019154.69	2.28030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.359E-05	0.00E+00
411	ALL	300263.42	4019139.32	2.34900E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.400E-05	0.00E+00
412	ALL	300297.90	4019123.94	2.47290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.474E-05	0.00E+00
413	ALL	300332.38	4019108.56	2.65270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.581E-05	0.00E+00
414	ALL	300366.86	4019093.18	2.87270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.712E-05	0.00E+00
415	ALL	300401.34	4019077.80	3.11160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.855E-05	0.00E+00
416	ALL	300435.82	4019062.42	3.35840E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.002E-05	0.00E+00
417	ALL	300470.30	4019047.04	3.61230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.153E-05	0.00E+00
418	ALL	300504.78	4019031.66	3.87160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.308E-05	0.00E+00
419	ALL	300539.26	4019016.29	4.13020E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.462E-05	0.00E+00
420	ALL	300573.73	4019000.91	4.37970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.611E-05	0.00E+00
421	ALL	299930.94	4019692.26	5.29770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.158E-05	0.00E+00
422	ALL	299931.32	4019730.51	5.90280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.519E-05	0.00E+00
423	ALL	299931.71	4019768.75	6.49140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.869E-05	0.00E+00
424	ALL	299932.10	4019807.00	7.08680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.224E-05	0.00E+00
425	ALL	299932.49	4019845.24	7.74960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.619E-05	0.00E+00
426	ALL	299932.88	4019883.48	8.54490E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.094E-05	0.00E+00
427	ALL	299933.27	4019921.73	9.49880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.662E-05	0.00E+00
428	ALL	299933.65	4019959.97	1.05740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.303E-05	0.00E+00
429	ALL	299934.04	4019998.21	1.16790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.961E-05	0.00E+00
430	ALL	299934.43	4020036.46	1.27120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.577E-05	0.00E+00
431	ALL	299934.82	4020074.70	1.36050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.110E-05	0.00E+00
432	ALL	299935.21	4020112.94	1.43390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.547E-05	0.00E+00
433	ALL	299844.84	4019658.18	4.24750E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.532E-05	0.00E+00
434	ALL	299858.74	4019623.07	3.88870E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.318E-05	0.00E+00
435	ALL	299872.63	4019587.97	3.55480E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.119E-05	0.00E+00
436	ALL	299886.53	4019552.87	3.25730E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.942E-05	0.00E+00
437	ALL	299900.43	4019517.77	2.99910E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.788E-05	0.00E+00
438	ALL	299914.33	4019482.67	2.78400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.660E-05	0.00E+00
439	ALL	299928.23	4019447.56	2.61320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.558E-05	0.00E+00
440	ALL	299942.12	4019412.46	2.47960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.478E-05	0.00E+00
441	ALL	299956.02	4019377.36	2.37270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.414E-05	0.00E+00
442	ALL	299969.92	4019342.26	2.28500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.362E-05	0.00E+00
443	ALL	299983.82	4019307.15	2.21260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.319E-05	0.00E+00
444	ALL	299997.71	4019272.05	2.15300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.283E-05	0.00E+00
445	ALL	300011.61	4019236.95	2.09650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.250E-05	0.00E+00
446	ALL	300025.51	4019201.85	2.03420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.213E-05	0.00E+00
447	ALL	300039.41	4019166.74	1.95880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.168E-05	0.00E+00
448	ALL	300087.78	4019116.26	1.85740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.107E-05	0.00E+00
449	ALL	300122.26	4019100.88	1.84120E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.098E-05	0.00E+00
450	ALL	300156.74	4019085.50	1.83300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.093E-05	0.00E+00
451	ALL	300191.22	4019070.13	1.84780E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.102E-05	0.00E+00
452	ALL	300225.70	4019054.75	1.90200E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.134E-05	0.00E+00
453	ALL	300260.18	4019039.37	2.00470E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.195E-05	0.00E+00
454	ALL	300294.66	4019023.99	2.15410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.284E-05	0.00E+00
455	ALL	300329.14	4019008.61	2.33510E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.392E-05	0.00E+00
456	ALL	300363.62	4018993.23	2.52850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.507E-05	0.00E+00
457	ALL	300398.10	4018977.85	2.72400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.624E-05	0.00E+00
458	ALL	300432.58	4018962.47	2.92050E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.741E-05	0.00E+00
459	ALL	300467.06	4018947.10	3.11710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.858E-05	0.00E+00
460	ALL	300501.53	4018931.72	3.30820E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.972E-05	0.00E+00
461	ALL	300536.01	4018916.34	3.48700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.079E-05	0.00E+00
462	ALL	300570.49	4018900.96	3.64680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.174E-05	0.00E+00
463	ALL	299830.94	4019693.28	4.60850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.747E-05	0.00E+00
464	ALL	299831.33	4019731.52	5.08570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.032E-05	0.00E+00
465	ALL	299831.72	4019769.77	5.54580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.306E-05	0.00E+00
466	ALL	299832.11	4019808.01	5.99500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.574E-05	0.00E+00
467	ALL	299832.49	4019846.25	6.46550E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.854E-05	0.00E+00
468	ALL	299832.88	4019884.50	7.00440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.175E-05	0.00E+00
469	ALL	299833.27	4019922.74	7.65170E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.561E-05	0.00E+00
470	ALL	299833.66	4019960.99	8.41670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.017E-05	0.00E+00
471	ALL	299834.05	4019999.23	9.25970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.520E-05	0.00E+00
472	ALL	299834.43	4020037.47	1.01060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.024E-05	0.00E+00
473	ALL	299834.82	4020075.72	1.08870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.490E-05	0.00E+00
474	ALL	299835.21	4020113.96	1.15740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.899E-05	0.00E+00
475	ALL	299744.84	4019659.19	3.76920E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.247E-05	0.00E+00
476	ALL	299758.74	4019624.09	3.47520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.072E-05	0.00E+00
477	ALL	299772.64	4019588.99	3.19990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.907E-05	0.00E+00
478	ALL	299786.54	4019553.89	2.94630E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.756E-05	0.00E+00
479	ALL	299800.43	4019518.78	2.71630E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.619E-05	0.00E+00
480	ALL	299814.33	4019483.68	2.51250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.498E-05	0.00E+00
481	ALL	299828.23	4019448.58	2.34010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.395E-05	0.00E+00
482	ALL	299842.13	4019413.48	2.20270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.313E-05	0.00E+00
483	ALL	299856.03	4019378.37	2.09560E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.249E-05	0.00E+00
484	ALL	299869.92	4019343.27	2.01010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.198E-05	0.00E+00
485	ALL	299883.82	4019308.17	1.94050E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.157E-05	0.00E+00

486	ALL	299897.72	4019273.07	1.88450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.123E-05	0.00E+00
487	ALL	299911.62	4019237.96	1.84080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.097E-05	0.00E+00
488	ALL	299925.51	4019202.86	1.80440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.076E-05	0.00E+00
489	ALL	299939.41	4019167.76	1.76760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.054E-05	0.00E+00
490	ALL	299953.31	4019132.66	1.72240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.027E-05	0.00E+00
491	ALL	299967.21	4019097.55	1.66330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.915E-06	0.00E+00
492	ALL	300015.58	4019047.07	1.57240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.373E-06	0.00E+00
493	ALL	300050.06	4019031.69	1.54740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.224E-06	0.00E+00
494	ALL	300084.54	4019016.31	1.52320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.080E-06	0.00E+00
495	ALL	300119.02	4019000.94	1.51080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.005E-06	0.00E+00
496	ALL	300153.50	4018985.56	1.52270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.077E-06	0.00E+00
497	ALL	300187.98	4018970.18	1.57140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.367E-06	0.00E+00
498	ALL	300222.46	4018954.80	1.66270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.911E-06	0.00E+00
499	ALL	300256.94	4018939.42	1.79210E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.068E-05	0.00E+00
500	ALL	300291.42	4018924.04	1.94520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.160E-05	0.00E+00
501	ALL	300325.90	4018908.66	2.10650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.256E-05	0.00E+00
502	ALL	300360.38	4018893.28	2.26670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.351E-05	0.00E+00
503	ALL	300394.86	4018877.91	2.42470E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.445E-05	0.00E+00
504	ALL	300429.34	4018862.53	2.57930E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.538E-05	0.00E+00
505	ALL	300463.81	4018847.15	2.72660E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.625E-05	0.00E+00
506	ALL	300498.29	4018831.77	2.85990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.705E-05	0.00E+00
507	ALL	300532.77	4018816.39	2.97380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.773E-05	0.00E+00
508	ALL	300567.25	4018801.01	3.06970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.830E-05	0.00E+00
509	ALL	299730.95	4019694.29	4.06330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.422E-05	0.00E+00
510	ALL	299731.33	4019732.54	4.45260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.654E-05	0.00E+00
511	ALL	299731.72	4019770.78	4.82570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.877E-05	0.00E+00
512	ALL	299732.11	4019809.03	5.17700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.086E-05	0.00E+00
513	ALL	299732.50	4019847.27	5.52400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.293E-05	0.00E+00
514	ALL	299732.89	4019885.51	5.90100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.518E-05	0.00E+00
515	ALL	299733.28	4019923.76	6.34620E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.783E-05	0.00E+00
516	ALL	299733.66	4019962.00	6.88340E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.103E-05	0.00E+00
517	ALL	299734.05	4020000.24	7.50450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.473E-05	0.00E+00
518	ALL	299734.44	4020038.49	8.17160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.871E-05	0.00E+00
519	ALL	299734.83	4020076.73	8.83620E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.267E-05	0.00E+00
520	ALL	299735.22	4020114.97	9.46430E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.642E-05	0.00E+00
521	ALL	300542.78	4020358.41	5.22310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.113E-04	0.00E+00
522	ALL	300515.47	4020364.89	4.92680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.937E-04	0.00E+00
523	ALL	300458.48	4020365.74	4.51350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.691E-04	0.00E+00
524	ALL	300605.86	4020457.77	3.80120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.266E-04	0.00E+00
525	ALL	300544.74	4020446.21	3.84520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.292E-04	0.00E+00
526	ALL	300498.64	4020406.85	4.21090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.510E-04	0.00E+00
527	ALL	300467.58	4020408.07	4.05030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.414E-04	0.00E+00
528	ALL	300436.14	4020410.41	3.86490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.304E-04	0.00E+00
529	ALL	300407.85	4020410.49	3.70950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.211E-04	0.00E+00
530	ALL	300576.01	4020575.01	2.56150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.527E-04	0.00E+00
531	ALL	300592.39	4020627.40	2.19060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.306E-04	0.00E+00
532	ALL	300608.76	4020595.80	2.39990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.431E-04	0.00E+00
533	ALL	300622.58	4020569.31	2.60140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.551E-04	0.00E+00
534	ALL	300587.85	4020546.65	2.79770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.668E-04	0.00E+00
535	ALL	300338.09	4020496.78	2.79990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.669E-04	0.00E+00
536	ALL	300318.65	4020530.60	2.56160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.527E-04	0.00E+00
537	ALL	300286.81	4020415.64	2.97560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.774E-04	0.00E+00
538	ALL	300624.04	4020683.71	1.87030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.115E-04	0.00E+00
539	ALL	300595.98	4020669.14	1.95080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.163E-04	0.00E+00
540	ALL	300545.81	4020627.70	2.19790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.310E-04	0.00E+00
541	ALL	300505.97	4020650.71	2.06930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.234E-04	0.00E+00
542	ALL	300470.29	4020651.68	2.06820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.233E-04	0.00E+00
543	ALL	300433.96	4020655.53	2.04620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.220E-04	0.00E+00
544	ALL	300397.00	4020653.31	2.04930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.222E-04	0.00E+00
545	ALL	300368.02	4020580.83	2.39850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.430E-04	0.00E+00
546	ALL	300302.63	4020587.87	2.25930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.347E-04	0.00E+00
547	ALL	300633.07	4020709.78	1.74700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.041E-04	0.00E+00
548	ALL	300625.68	4020724.15	1.68730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.006E-04	0.00E+00
549	ALL	300599.50	4020731.01	1.66430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.921E-05	0.00E+00
550	ALL	300581.96	4020719.83	1.71450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.022E-04	0.00E+00
551	ALL	300553.91	4020709.40	1.76660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.053E-04	0.00E+00
552	ALL	300404.70	4020694.74	1.86160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.110E-04	0.00E+00
553	ALL	300359.75	4020672.08	1.95070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.163E-04	0.00E+00
554	ALL	300326.94	4020684.87	1.88360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.123E-04	0.00E+00
555	ALL	300280.71	4020661.58	1.93640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.154E-04	0.00E+00
556	ALL	300241.51	4020667.02	1.87230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.116E-04	0.00E+00
557	ALL	300203.45	4020652.07	1.86010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.109E-04	0.00E+00
558	ALL	300184.01	4020613.00	1.92530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.148E-04	0.00E+00
559	ALL	300164.58	4020573.93	1.97140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.175E-04	0.00E+00
560	ALL	300145.14	4020534.87	1.99850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.191E-04	0.00E+00
561	ALL	300125.70	4020495.80	2.00980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.198E-04	0.00E+00
562	ALL	300106.26	4020456.73	2.01200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.199E-04	0.00E+00
563	ALL	300086.82	4020417.67	2.01220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.199E-04	0.00E+00
564	ALL	300067.39	4020378.60	2.01210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.199E-04	0.00E+00
565	ALL	300047.95	4020339.53	2.00140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.193E-04	0.00E+00
566	ALL	300028.51	4020300.47	1.96260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.170E-04	0.00E+00
567	ALL	300009.07	4020261.40	1.88630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.124E-04	0.00E+00
568	ALL	299989.63	4020222.33	1.78010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.061E-04	0.00E+00
569	ALL	299970.19	4020183.27	1.65980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.894E-05	0.00E+00
570	ALL	300813.12	4020860.16	1.18260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.049E-05	0.00E+00
571	ALL	300826.57	4020845.49	1.20880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.206E-05	0.00E+00
572	ALL	300836.04	4020827.72	1.24630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.429E-05	0.00E+00
573	ALL	300815.88	4020797.12	1.34360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.009E-05	0.00E+00
574	ALL	300626.91	4020866.40	1.23280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.348E-05	0.00E+00
575	ALL	300589.31	4020872.17	1.22270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.289E-05	0.00E+00
576	ALL	300589.72	4020849.82	1.27860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.621E-05	0.00E+00
577	ALL	300529.76	4020826.84	1.35110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.054E-05	0.00E+00
578	ALL	300485.77	4020802.90	1.43660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.564E-05	0.00E+00
579	ALL	300436.03	4020790.46	1.49400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.906E-05	0.00E+00
580	ALL	300401.94	4020794.00	1.49280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.899E-05	0.00E+00
581	ALL	300342.94	4020793.05	1.50880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.993E-05	0.00E+00
582	ALL	300306.29	4020797.23	1.49860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.933E-05	0.00E+00
583	ALL	300265.82	4020764.02	1.59090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.483E-05	0.00E+00
584	ALL	300223.10	4020755.10	1.59650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.516E-05	0.00E+00
585	ALL	300180.39	4020746.17	1.58720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.461E-05	0.00E+00
586	ALL	300142.33	4020731.22	1.57820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.407E-05	0.00E+00

587	ALL	300122.90	4020692.15	1.62850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.707E-05	0.00E+00
588	ALL	300103.46	4020653.08	1.66460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.922E-05	0.00E+00
589	ALL	300084.02	4020614.02	1.68650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.005E-04	0.00E+00
590	ALL	300064.58	4020574.95	1.69580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.011E-04	0.00E+00
591	ALL	300045.14	4020535.88	1.69490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.010E-04	0.00E+00
592	ALL	300025.70	4020496.81	1.69030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.008E-04	0.00E+00
593	ALL	300006.27	4020457.75	1.68800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.006E-04	0.00E+00
594	ALL	299986.83	4020418.68	1.68900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.007E-04	0.00E+00
595	ALL	299967.39	4020379.61	1.68610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.005E-04	0.00E+00
596	ALL	299947.95	4020340.55	1.66580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.930E-05	0.00E+00
597	ALL	299928.51	4020301.48	1.61820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.646E-05	0.00E+00
598	ALL	299909.08	4020262.41	1.54400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.203E-05	0.00E+00
599	ALL	299889.64	4020223.35	1.45190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.655E-05	0.00E+00
600	ALL	299870.20	4020184.28	1.35120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.054E-05	0.00E+00
601	ALL	300845.39	4020977.06	9.41110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.610E-05	0.00E+00
602	ALL	300802.68	4020968.14	9.75180E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.813E-05	0.00E+00
603	ALL	300759.96	4020959.21	1.00740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.005E-05	0.00E+00
604	ALL	300534.90	4020871.78	1.23040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.334E-05	0.00E+00
605	ALL	300504.33	4020877.54	1.22290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.289E-05	0.00E+00
606	ALL	300438.30	4020874.69	1.25040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.453E-05	0.00E+00
607	ALL	300407.72	4020880.14	1.24820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.440E-05	0.00E+00
608	ALL	300407.17	4020858.11	1.30420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.774E-05	0.00E+00
609	ALL	300341.14	4020880.49	1.26910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.565E-05	0.00E+00
610	ALL	300290.12	4020861.02	1.32820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.917E-05	0.00E+00
611	ALL	300247.41	4020852.10	1.35330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.067E-05	0.00E+00
612	ALL	300204.70	4020843.17	1.37020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.167E-05	0.00E+00
613	ALL	300161.99	4020834.25	1.37670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.206E-05	0.00E+00
614	ALL	300119.27	4020825.32	1.36900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.160E-05	0.00E+00
615	ALL	300081.21	4020810.36	1.36230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.120E-05	0.00E+00
616	ALL	300061.78	4020771.30	1.40170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.355E-05	0.00E+00
617	ALL	300042.34	4020732.23	1.43050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.527E-05	0.00E+00
618	ALL	300022.90	4020693.16	1.44920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.638E-05	0.00E+00
619	ALL	300003.46	4020654.10	1.45740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.687E-05	0.00E+00
620	ALL	299984.02	4020615.03	1.45670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.683E-05	0.00E+00
621	ALL	299964.59	4020575.96	1.45050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.646E-05	0.00E+00
622	ALL	299945.15	4020536.90	1.44370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.606E-05	0.00E+00
623	ALL	299925.71	4020497.83	1.44060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.587E-05	0.00E+00
624	ALL	299906.27	4020458.76	1.44240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.598E-05	0.00E+00
625	ALL	299886.83	4020419.70	1.44400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.607E-05	0.00E+00
626	ALL	299867.40	4020380.63	1.43560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.557E-05	0.00E+00
627	ALL	299847.96	4020341.56	1.40750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.390E-05	0.00E+00
628	ALL	299828.52	4020302.50	1.35690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.088E-05	0.00E+00
629	ALL	299809.08	4020263.43	1.28750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.674E-05	0.00E+00
630	ALL	299789.64	4020224.36	1.20590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.188E-05	0.00E+00
631	ALL	299770.20	4020185.30	1.11700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.658E-05	0.00E+00
632	ALL	301049.38	4020114.95	1.56490E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.328E-04	0.00E+00
633	ALL	301054.18	4020208.43	6.83580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.075E-04	0.00E+00
634	ALL	301059.68	4020263.17	4.93320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.941E-04	0.00E+00
635	ALL	301063.36	4020307.35	3.98660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.376E-04	0.00E+00
636	ALL	301063.99	4020382.64	2.99470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.785E-04	0.00E+00
637	ALL	300560.27	4020605.01	2.34300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.397E-04	0.00E+00
638	ALL	300712.86	4020985.40	9.77780E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.828E-05	0.00E+00
639	ALL	300752.58	4020983.48	9.68900E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.776E-05	0.00E+00
640	ALL	300792.30	4020981.56	9.57520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.708E-05	0.00E+00
641	ALL	300217.98	4020149.97	3.07650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.834E-04	0.00E+00
642	ALL	300224.74	4020134.89	3.11500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.857E-04	0.00E+00
643	ALL	300224.22	4020262.30	3.12450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.863E-04	0.00E+00
644	ALL	300213.82	4020278.94	3.00420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.791E-04	0.00E+00
645	ALL	300202.90	4020312.23	2.83640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.691E-04	0.00E+00
646	ALL	300223.18	4020310.15	2.97940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.776E-04	0.00E+00
647	ALL	300200.30	4020364.75	2.66030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.586E-04	0.00E+00
648	ALL	300320.95	4020368.39	3.43790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.049E-04	0.00E+00
649	ALL	300301.19	4020309.11	3.60370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.148E-04	0.00E+00
650	ALL	300327.71	4020338.75	3.66680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.186E-04	0.00E+00
651	ALL	300371.10	4020438.93	3.29660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.965E-04	0.00E+00
652	ALL	300353.06	4020469.74	3.01230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.796E-04	0.00E+00
653	ALL	300322.63	4020403.99	3.24720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.936E-04	0.00E+00
654	ALL	300557.65	4020384.50	4.82710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.877E-04	0.00E+00
655	ALL	300573.81	4020407.05	4.50440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.685E-04	0.00E+00
656	ALL	300587.34	4020428.84	4.19270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.499E-04	0.00E+00
657	ALL	300619.27	4020480.70	3.50860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.091E-04	0.00E+00
658	ALL	300534.35	4020412.69	4.27550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.549E-04	0.00E+00
659	ALL	300542.25	4020422.83	4.15660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.478E-04	0.00E+00
660	ALL	300564.41	4020462.66	3.67430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.190E-04	0.00E+00
661	ALL	300571.55	4020488.21	3.37840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.014E-04	0.00E+00
662	ALL	300591.47	4020503.62	3.22370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.922E-04	0.00E+00
663	ALL	300281.36	4020590.95	2.20540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.315E-04	0.00E+00
664	ALL	300323.52	4020644.93	2.04330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.218E-04	0.00E+00
665	ALL	300339.49	4020656.74	2.00570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.196E-04	0.00E+00
666	ALL	300376.54	4020712.00	1.78970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.067E-04	0.00E+00
667	ALL	300390.91	4020725.09	1.73790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.036E-04	0.00E+00
668	ALL	300359.29	4020730.20	1.71960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.025E-04	0.00E+00
669	ALL	300374.63	4020742.02	1.67620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.992E-05	0.00E+00
670	ALL	300324.16	4020744.25	1.66650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.934E-05	0.00E+00
671	ALL	300312.34	4020734.99	1.69570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.011E-04	0.00E+00
672	ALL	300305.00	4020697.94	1.82310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.087E-04	0.00E+00
673	ALL	300316.50	4020709.76	1.78550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.064E-04	0.00E+00
674	ALL	300318.09	4020676.86	1.90990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.139E-04	0.00E+00
675	ALL	300336.30	4020692.51	1.85800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.108E-04	0.00E+00
676	ALL	300574.59	4020657.06	2.02040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.204E-04	0.00E+00
677	ALL	300528.89	4020689.60	1.86460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.112E-04	0.00E+00
678	ALL	300436.36	4020692.79	1.86870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.114E-04	0.00E+00
679	ALL	300466.60	4020694.17	1.85830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.108E-04	0.00E+00
680	ALL	300497.52	4020691.17	1.86540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.112E-04	0.00E+00
681	ALL	300359.21	4020591.55	2.33030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.389E-04	0.00E+00
682	ALL	300376.14	4020582.61	2.39920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.430E-04	0.00E+00
683	ALL	300368.47	4020567.27	2.47370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.475E-04	0.00E+00
684	ALL	300310.34	4020876.48	1.28650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.669E-05	0.00E+00
685	ALL	300307.14	4020858.28	1.33220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.941E-05	0.00E+00
686	ALL	300303.95	4020832.40	1.40020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.346E-05	0.00E+00
687	ALL	300307.46	4020815.79	1.44540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.616E-05	0.00E+00

688	ALL	300324.07	4020787.36	1.52760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.106E-05	0.00E+00
689	ALL	300343.24	4020821.22	1.42530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.496E-05	0.00E+00
690	ALL	300347.39	4020840.71	1.37010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.167E-05	0.00E+00
691	ALL	300338.45	4020859.23	1.32320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.887E-05	0.00E+00
692	ALL	300399.46	4020840.39	1.35500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.077E-05	0.00E+00
693	ALL	300384.12	4020823.78	1.40770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.391E-05	0.00E+00
694	ALL	300404.57	4020821.22	1.40840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.395E-05	0.00E+00
695	ALL	300395.62	4020809.40	1.44670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.624E-05	0.00E+00
696	ALL	300419.26	4020784.81	1.51790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.048E-05	0.00E+00
697	ALL	300440.98	4020811.00	1.42710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.507E-05	0.00E+00
698	ALL	300438.43	4020828.89	1.37440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.193E-05	0.00E+00
699	ALL	300443.54	4020853.48	1.30380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.772E-05	0.00E+00
700	ALL	300500.72	4020854.12	1.28340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.650E-05	0.00E+00
701	ALL	300494.01	4020835.60	1.33600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.964E-05	0.00E+00
702	ALL	300498.16	4020816.75	1.38970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.284E-05	0.00E+00
703	ALL	300494.65	4020792.47	1.46730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.746E-05	0.00E+00
704	ALL	300516.37	4020782.89	1.49220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.895E-05	0.00E+00
705	ALL	300529.78	4020791.19	1.46060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.707E-05	0.00E+00
706	ALL	300532.66	4020808.76	1.40420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.370E-05	0.00E+00
707	ALL	300535.21	4020851.25	1.28260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.645E-05	0.00E+00
708	ALL	300586.96	4020833.36	1.32290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.886E-05	0.00E+00
709	ALL	300593.35	4020814.51	1.37590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.202E-05	0.00E+00
710	ALL	300578.34	4020801.74	1.41660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.444E-05	0.00E+00
711	ALL	300589.52	4020785.45	1.46700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.744E-05	0.00E+00
712	ALL	300602.93	4020778.74	1.48730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.866E-05	0.00E+00
713	ALL	300623.06	4020786.08	1.46020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.704E-05	0.00E+00
714	ALL	300625.93	4020807.17	1.39390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.309E-05	0.00E+00
715	ALL	300626.57	4020826.01	1.33920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.983E-05	0.00E+00
716	ALL	300629.45	4020845.50	1.28550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.663E-05	0.00E+00
717	ALL	300516.05	4020984.66	1.00140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.969E-05	0.00E+00
718	ALL	300532.59	4020986.54	9.96580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.941E-05	0.00E+00
719	ALL	300703.61	4020971.50	1.00370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.983E-05	0.00E+00
720	ALL	300818.62	4020935.80	1.02450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.107E-05	0.00E+00
721	ALL	301047.58	4020981.58	7.92580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.725E-05	0.00E+00
722	ALL	300941.99	4020983.31	8.74100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.210E-05	0.00E+00
723	ALL	300900.45	4020912.34	1.01660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.060E-05	0.00E+00
724	ALL	301035.47	4020881.18	9.44470E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.630E-05	0.00E+00
725	ALL	301151.44	4020839.63	8.81950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.257E-05	0.00E+00
726	ALL	300881.40	4020848.29	1.16190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.926E-05	0.00E+00
727	ALL	300969.69	4020834.44	1.10390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.580E-05	0.00E+00
728	ALL	301056.24	4020808.48	1.04920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.254E-05	0.00E+00
729	ALL	301130.67	4020780.78	1.00050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.964E-05	0.00E+00
730	ALL	301196.45	4020732.31	9.82350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.856E-05	0.00E+00
731	ALL	300886.82	4020793.66	1.29180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.700E-05	0.00E+00
732	ALL	300968.72	4020770.01	1.25700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.493E-05	0.00E+00
733	ALL	301026.95	4020742.71	1.24090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.397E-05	0.00E+00
734	ALL	301097.93	4020711.77	1.19270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.110E-05	0.00E+00
735	ALL	301167.09	4020669.91	1.15170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.865E-05	0.00E+00
736	ALL	301212.58	4020635.33	1.12420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.701E-05	0.00E+00
737	ALL	301058.71	4019080.82	1.50970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.999E-05	0.00E+00
738	ALL	301076.69	4019081.26	1.54120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.187E-05	0.00E+00
739	ALL	301095.11	4019078.63	1.55550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.272E-05	0.00E+00
740	ALL	301114.41	4019081.26	1.59410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.502E-05	0.00E+00
741	ALL	301135.02	4019077.75	1.60080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.542E-05	0.00E+00
742	ALL	301153.44	4019079.94	1.63090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.721E-05	0.00E+00
743	ALL	301174.49	4019077.75	1.63910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.770E-05	0.00E+00
744	ALL	301195.98	4019072.05	1.62770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.703E-05	0.00E+00
745	ALL	301036.70	4019031.58	1.26210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.523E-05	0.00E+00
746	ALL	301029.43	4019004.38	1.15410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.879E-05	0.00E+00
747	ALL	301054.21	4019003.30	1.18680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.074E-05	0.00E+00
748	ALL	301057.71	4019032.12	1.29700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.731E-05	0.00E+00
749	ALL	301076.03	4019029.97	1.31510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.839E-05	0.00E+00
750	ALL	301095.69	4019028.62	1.33560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.962E-05	0.00E+00
751	ALL	301091.38	4019004.38	1.23920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.387E-05	0.00E+00
752	ALL	301110.51	4019000.88	1.24880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.444E-05	0.00E+00
753	ALL	301128.55	4019000.61	1.26690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.552E-05	0.00E+00
754	ALL	301130.98	4019029.97	1.38170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.236E-05	0.00E+00
755	ALL	301143.91	4018999.26	1.27700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.612E-05	0.00E+00
756	ALL	301174.89	4019029.97	1.42310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.483E-05	0.00E+00
757	ALL	301165.19	4019002.49	1.30790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.796E-05	0.00E+00
758	ALL	301186.74	4019001.15	1.32050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.872E-05	0.00E+00
759	ALL	301031.84	4018954.01	1.00570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.995E-05	0.00E+00
760	ALL	301031.21	4018928.66	9.39280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.599E-05	0.00E+00
761	ALL	301053.07	4018954.65	1.03450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.167E-05	0.00E+00
762	ALL	301073.67	4018952.43	1.05270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.275E-05	0.00E+00
763	ALL	301090.47	4018953.06	1.07310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.397E-05	0.00E+00
764	ALL	301104.10	4018951.48	1.08270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.454E-05	0.00E+00
765	ALL	301125.65	4018951.80	1.10450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.584E-05	0.00E+00
766	ALL	301144.34	4018951.80	1.12120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.683E-05	0.00E+00
767	ALL	301162.73	4018952.75	1.13930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.792E-05	0.00E+00
768	ALL	301182.69	4018926.44	1.07810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.426E-05	0.00E+00
769	ALL	301162.41	4018921.37	1.04910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.254E-05	0.00E+00
770	ALL	301124.06	4018921.05	1.01700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.062E-05	0.00E+00
771	ALL	301088.25	4018922.32	9.86860E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.883E-05	0.00E+00
772	ALL	301067.02	4018923.27	9.67160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.765E-05	0.00E+00
773	ALL	301052.12	4018927.71	9.61730E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.733E-05	0.00E+00
774	ALL	301068.28	4018877.64	8.62710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.143E-05	0.00E+00
775	ALL	301086.03	4018875.10	8.73690E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.208E-05	0.00E+00
776	ALL	301102.83	4018877.95	8.94560E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.332E-05	0.00E+00
777	ALL	301123.11	4018874.15	9.02740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.381E-05	0.00E+00
778	ALL	301141.18	4018873.52	9.15100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.455E-05	0.00E+00
779	ALL	301159.56	4018873.20	9.27590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.529E-05	0.00E+00
780	ALL	301182.37	4018867.50	9.30100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.544E-05	0.00E+00
781	ALL	301052.73	4019725.24	4.51980E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.694E-03	0.00E+00
782	ALL	301056.50	4019766.46	4.59080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.737E-03	0.00E+00
783	ALL	301056.23	4019802.30	4.74600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.829E-03	0.00E+00
784	ALL	301056.77	4019840.01	4.78990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.855E-03	0.00E+00
785	ALL	301056.23	4019874.77	4.83460E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.882E-03	0.00E+00
786	ALL	301057.31	4019911.95	4.71430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.810E-03	0.00E+00
787	ALL	301060.81	4019946.70	4.36860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.604E-03	0.00E+00
788	ALL	301056.50	4019989.27	4.30430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.566E-03	0.00E+00

789	ALL	301095.83	4020014.06	2.17470E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.296E-03	0.00E+00
790	ALL	301133.55	4020010.29	1.40260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.361E-04	0.00E+00
791	ALL	301103.38	4019955.86	2.43380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.451E-03	0.00E+00
792	ALL	301164.54	4020008.67	1.04730E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.243E-04	0.00E+00
793	ALL	301200.10	4020004.09	8.02390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.783E-04	0.00E+00
794	ALL	301238.63	4020003.55	6.18070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.684E-04	0.00E+00
795	ALL	301128.16	4019959.91	1.81490E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.082E-03	0.00E+00
796	ALL	301159.96	4019957.75	1.33970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.986E-04	0.00E+00
797	ALL	301199.83	4019958.56	9.61390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.731E-04	0.00E+00
798	ALL	301238.89	4019959.91	7.27600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.337E-04	0.00E+00
799	ALL	301273.11	4019956.40	5.96630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.556E-04	0.00E+00
800	ALL	301289.01	4019951.28	5.54280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.304E-04	0.00E+00
801	ALL	301333.19	4019937.27	4.58700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.734E-04	0.00E+00
802	ALL	301330.77	4019902.25	5.10240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.042E-04	0.00E+00
803	ALL	301329.96	4019867.76	5.53540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.300E-04	0.00E+00
804	ALL	301052.16	4019688.44	4.07530E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.429E-03	0.00E+00
805	ALL	301050.67	4019647.42	3.06870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.829E-03	0.00E+00
806	ALL	301049.55	4019629.52	2.59130E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.545E-03	0.00E+00
807	ALL	301046.94	4019594.09	1.89160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.128E-03	0.00E+00
808	ALL	301048.06	4019557.17	1.41180E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.415E-04	0.00E+00
809	ALL	301044.70	4019537.40	1.22960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.329E-04	0.00E+00
810	ALL	301045.45	4019521.74	1.10420E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.582E-04	0.00E+00
811	ALL	301045.45	4019485.19	8.74690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.214E-04	0.00E+00
812	ALL	301041.35	4019447.53	7.01040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.179E-04	0.00E+00
813	ALL	301037.99	4019407.25	5.62260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.352E-04	0.00E+00
814	ALL	301133.84	4019415.08	5.74640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.425E-04	0.00E+00
815	ALL	301094.68	4019454.61	7.17630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.278E-04	0.00E+00
816	ALL	301096.54	4019494.89	8.90140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.306E-04	0.00E+00
817	ALL	301095.80	4019515.77	1.00270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.977E-04	0.00E+00
818	ALL	301106.61	4019570.22	1.34390E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.011E-04	0.00E+00
819	ALL	301099.90	4019587.00	1.51740E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.045E-04	0.00E+00
820	ALL	301097.66	4019626.91	1.94890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.162E-03	0.00E+00
821	ALL	301098.41	4019642.94	2.11910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.263E-03	0.00E+00
822	ALL	301104.37	4019685.83	2.40680E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.435E-03	0.00E+00
823	ALL	301142.04	4019682.47	1.79800E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.072E-03	0.00E+00
824	ALL	301145.40	4019604.90	1.36520E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.138E-04	0.00E+00
825	ALL	301143.16	4019585.14	1.26690E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.552E-04	0.00E+00
826	ALL	301142.41	4019566.86	1.16990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.974E-04	0.00E+00
827	ALL	301142.04	4019551.57	1.08900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.492E-04	0.00E+00
828	ALL	301141.29	4019529.94	9.82880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.859E-04	0.00E+00
829	ALL	301141.29	4019511.30	8.97780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.352E-04	0.00E+00
830	ALL	301140.17	4019491.53	8.17680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.874E-04	0.00E+00
831	ALL	301139.06	4019475.87	7.59780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.529E-04	0.00E+00
832	ALL	301132.72	4019452.75	6.86010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.089E-04	0.00E+00
833	ALL	301186.05	4019413.22	5.40970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.225E-04	0.00E+00
834	ALL	301184.18	4019437.46	5.98410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.567E-04	0.00E+00
835	ALL	301183.81	4019458.71	6.53450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.895E-04	0.00E+00
836	ALL	301187.16	4019492.65	7.45690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.445E-04	0.00E+00
837	ALL	301189.03	4019508.31	7.90370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.711E-04	0.00E+00
838	ALL	301189.03	4019547.47	9.19360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.480E-04	0.00E+00
839	ALL	301191.27	4019567.24	9.79110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.836E-04	0.00E+00
840	ALL	301192.01	4019586.26	1.03990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.199E-04	0.00E+00
841	ALL	301189.78	4019606.77	1.11860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.668E-04	0.00E+00
842	ALL	301193.88	4019623.92	1.15120E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.862E-04	0.00E+00
843	ALL	301195.74	4019641.82	1.19160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.103E-04	0.00E+00
844	ALL	301194.25	4019662.34	1.25460E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.479E-04	0.00E+00
845	ALL	301237.14	4019664.95	1.00930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.016E-04	0.00E+00
846	ALL	301237.51	4019622.06	9.35620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.577E-04	0.00E+00
847	ALL	301231.83	4019552.48	8.07120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.811E-04	0.00E+00
848	ALL	301228.38	4019528.53	7.59620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.528E-04	0.00E+00
849	ALL	301230.24	4019486.76	6.58050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.923E-04	0.00E+00
850	ALL	301229.12	4019474.08	6.31620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.765E-04	0.00E+00
851	ALL	301229.87	4019448.34	5.76140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.434E-04	0.00E+00
852	ALL	301223.90	4019435.29	5.55990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.314E-04	0.00E+00
853	ALL	301230.61	4019414.77	5.10740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.045E-04	0.00E+00
854	ALL	301052.50	4019382.05	4.98360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.971E-04	0.00E+00
855	ALL	301082.74	4019373.80	4.82670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.877E-04	0.00E+00
856	ALL	301100.83	4019371.28	4.77210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.845E-04	0.00E+00
857	ALL	301122.59	4019371.28	4.75400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.834E-04	0.00E+00
858	ALL	301139.77	4019367.85	4.65490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.775E-04	0.00E+00
859	ALL	301157.87	4019370.14	4.65740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.776E-04	0.00E+00
860	ALL	301174.13	4019369.91	4.60290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.744E-04	0.00E+00
861	ALL	301195.20	4019368.99	4.50810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.687E-04	0.00E+00
862	ALL	301215.13	4019366.47	4.38060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.611E-04	0.00E+00
863	ALL	301230.48	4019368.76	4.34400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.589E-04	0.00E+00
864	ALL	301275.82	4020006.24	4.90980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.927E-04	0.00E+00
865	ALL	301311.56	4020006.70	4.06110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.421E-04	0.00E+00
866	ALL	301351.88	4020000.06	3.44620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.054E-04	0.00E+00
867	ALL	301366.77	4019998.68	3.24530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.934E-04	0.00E+00
868	ALL	301386.24	4019995.48	3.02240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.802E-04	0.00E+00
869	ALL	301405.71	4019999.83	2.75700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.643E-04	0.00E+00
870	ALL	301327.84	4019794.22	6.28790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.748E-04	0.00E+00
871	ALL	301288.24	4019678.11	8.06390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.807E-04	0.00E+00
872	ALL	301325.93	4019677.59	6.83410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.074E-04	0.00E+00
873	ALL	301325.18	4019715.12	6.88000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.101E-04	0.00E+00
874	ALL	301374.79	4019717.75	5.52220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.292E-04	0.00E+00
875	ALL	301412.54	4019715.99	4.76010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.837E-04	0.00E+00
876	ALL	301377.21	4019731.42	5.37830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.206E-04	0.00E+00
877	ALL	301374.48	4019750.90	5.32710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.175E-04	0.00E+00
878	ALL	301409.14	4019750.65	4.61020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.748E-04	0.00E+00
879	ALL	301376.26	4019771.41	5.16530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.079E-04	0.00E+00
880	ALL	301328.27	4019754.97	6.53190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.894E-04	0.00E+00
881	ALL	301461.44	4019711.56	4.00120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.385E-04	0.00E+00
882	ALL	301378.14	4019677.06	5.53300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.298E-04	0.00E+00
883	ALL	301372.48	4019656.30	5.54790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.307E-04	0.00E+00
884	ALL	301374.37	4019638.78	5.43310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.239E-04	0.00E+00
885	ALL	301410.49	4019637.43	4.74940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.831E-04	0.00E+00
886	ALL	301409.68	4019654.68	4.81820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.872E-04	0.00E+00
887	ALL	301372.48	4019619.91	5.38810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.212E-04	0.00E+00
888	ALL	301455.78	4019630.15	4.03900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.408E-04	0.00E+00
889	ALL	301458.48	4019650.91	4.04490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.411E-04	0.00E+00

890	ALL	301460.90	4019668.97	4.06380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.422E-04	0.00E+00
891	ALL	301493.25	4019668.43	3.64810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.175E-04	0.00E+00
892	ALL	301493.52	4019647.40	3.59070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.140E-04	0.00E+00
893	ALL	301495.41	4019711.49	3.55690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.120E-04	0.00E+00
894	ALL	301460.33	4019731.64	3.88260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.314E-04	0.00E+00
895	ALL	301498.40	4019730.89	3.39620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.025E-04	0.00E+00
896	ALL	301548.77	4019711.86	2.98910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.782E-04	0.00E+00
897	ALL	301548.03	4019747.31	2.80340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.671E-04	0.00E+00
898	ALL	301579.37	4019713.73	2.71090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.616E-04	0.00E+00
899	ALL	301579.37	4019730.52	2.61580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.559E-04	0.00E+00
900	ALL	301584.97	4019748.43	2.48940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.484E-04	0.00E+00
901	ALL	301580.49	4019768.21	2.44190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.456E-04	0.00E+00
902	ALL	301550.26	4019821.57	2.46240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.468E-04	0.00E+00
903	ALL	301497.65	4019751.04	3.30060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.968E-04	0.00E+00
904	ALL	301463.69	4019751.04	3.73040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.224E-04	0.00E+00
905	ALL	301462.20	4019767.09	3.66800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.187E-04	0.00E+00
906	ALL	301498.40	4019769.33	3.20100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.908E-04	0.00E+00
907	ALL	301632.73	4019709.25	2.35610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.404E-04	0.00E+00
908	ALL	301633.09	4019745.12	2.17300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.295E-04	0.00E+00
909	ALL	301735.11	4019699.71	1.88730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.125E-04	0.00E+00
910	ALL	301688.12	4019704.75	2.06750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.232E-04	0.00E+00
911	ALL	301685.60	4019726.30	1.95950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.168E-04	0.00E+00
912	ALL	301690.42	4019743.26	1.86990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.115E-04	0.00E+00
913	ALL	301380.15	4019933.47	3.72130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.218E-04	0.00E+00
914	ALL	301379.34	4019898.99	4.07490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.429E-04	0.00E+00
915	ALL	301377.23	4019825.45	4.77250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.845E-04	0.00E+00
916	ALL	301384.65	4019954.96	3.43810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.049E-04	0.00E+00
917	ALL	301383.29	4019917.50	3.82670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.281E-04	0.00E+00
918	ALL	301381.93	4019880.03	4.20610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.507E-04	0.00E+00
919	ALL	301380.57	4019842.56	4.56510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.721E-04	0.00E+00
920	ALL	301381.45	4019863.63	4.36400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.601E-04	0.00E+00
921	ALL	301331.65	4019827.79	5.89470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.514E-04	0.00E+00
922	ALL	301374.79	4019811.29	4.93200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.940E-04	0.00E+00
923	ALL	301378.60	4019790.99	4.98880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.974E-04	0.00E+00
924	ALL	301465.31	4019786.32	3.52460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.101E-04	0.00E+00
925	ALL	301464.20	4019806.39	3.42920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.044E-04	0.00E+00
926	ALL	301467.56	4019825.80	3.27560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.953E-04	0.00E+00
927	ALL	301466.07	4019841.84	3.20120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.908E-04	0.00E+00
928	ALL	301467.24	4019861.70	3.07070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.830E-04	0.00E+00
929	ALL	301466.13	4019881.78	2.96200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.766E-04	0.00E+00
930	ALL	301469.49	4019901.18	2.80590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.673E-04	0.00E+00
931	ALL	301468.00	4019917.23	2.71940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.621E-04	0.00E+00
932	ALL	301468.56	4019936.79	2.58920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.543E-04	0.00E+00
933	ALL	301467.45	4019956.86	2.47150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.473E-04	0.00E+00
934	ALL	301470.81	4019976.26	2.32290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.385E-04	0.00E+00
935	ALL	301469.32	4019992.31	2.23580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.333E-04	0.00E+00
936	ALL	301495.34	4019785.30	3.15750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.882E-04	0.00E+00
937	ALL	301494.24	4019805.38	3.06890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.829E-04	0.00E+00
938	ALL	301497.59	4019824.78	2.93520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.750E-04	0.00E+00
939	ALL	301496.10	4019840.83	2.86880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.710E-04	0.00E+00
940	ALL	301501.05	4019861.70	2.71120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.616E-04	0.00E+00
941	ALL	301499.94	4019881.78	2.61660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.560E-04	0.00E+00
942	ALL	301503.30	4019901.18	2.48340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.480E-04	0.00E+00
943	ALL	301501.81	4019917.23	2.40780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.435E-04	0.00E+00
944	ALL	301504.56	4019936.35	2.28270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.361E-04	0.00E+00
945	ALL	301503.46	4019956.42	2.18550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.303E-04	0.00E+00
946	ALL	301506.81	4019975.82	2.06150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.229E-04	0.00E+00
947	ALL	301505.32	4019991.87	1.98850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.185E-04	0.00E+00
948	ALL	301279.13	4019457.38	5.33560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.181E-04	0.00E+00
949	ALL	301278.02	4019477.45	5.66940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.379E-04	0.00E+00
950	ALL	301281.38	4019496.85	5.92950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.535E-04	0.00E+00
951	ALL	301279.88	4019512.90	6.21380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.704E-04	0.00E+00
952	ALL	301320.40	4019473.62	5.03470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.001E-04	0.00E+00
953	ALL	301319.30	4019493.70	5.29460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.156E-04	0.00E+00
954	ALL	301322.65	4019513.10	5.47420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.263E-04	0.00E+00
955	ALL	301321.16	4019529.15	5.68550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.389E-04	0.00E+00
956	ALL	301323.04	4019562.32	5.99770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.575E-04	0.00E+00
957	ALL	301321.93	4019582.40	6.21640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.706E-04	0.00E+00
958	ALL	301325.29	4019601.80	6.31020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.761E-04	0.00E+00
959	ALL	301323.80	4019617.85	6.47530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.860E-04	0.00E+00
960	ALL	301286.15	4019549.59	6.64860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.963E-04	0.00E+00
961	ALL	301285.04	4019569.66	6.95300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.145E-04	0.00E+00
962	ALL	301288.40	4019589.07	7.12460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.247E-04	0.00E+00
963	ALL	301286.91	4019605.11	7.36480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.390E-04	0.00E+00
964	ALL	301403.83	4019452.11	3.89580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.322E-04	0.00E+00
965	ALL	301402.73	4019472.18	4.04810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.413E-04	0.00E+00
966	ALL	301406.08	4019491.59	4.13950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.468E-04	0.00E+00
967	ALL	301404.59	4019507.63	4.25750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.538E-04	0.00E+00
968	ALL	301404.71	4019525.00	4.35860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.598E-04	0.00E+00
969	ALL	301403.60	4019545.07	4.48480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.673E-04	0.00E+00
970	ALL	301406.96	4019564.48	4.53480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.703E-04	0.00E+00
971	ALL	301405.47	4019580.52	4.62980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.760E-04	0.00E+00
972	ALL	301370.78	4019582.01	5.22040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.112E-04	0.00E+00
973	ALL	301368.56	4019509.04	4.74200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.827E-04	0.00E+00
974	ALL	301408.54	4019600.41	4.66050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.778E-04	0.00E+00
975	ALL	301369.83	4019547.42	5.00910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.986E-04	0.00E+00
976	ALL	301368.32	4019451.36	4.24520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.531E-04	0.00E+00
977	ALL	301367.29	4019476.68	4.48180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.672E-04	0.00E+00
978	ALL	300650.23	4019325.33	1.25350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.472E-05	0.00E+00
979	ALL	300691.52	4019339.38	1.58830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.468E-05	0.00E+00
980	ALL	300686.69	4019293.70	1.31270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.825E-05	0.00E+00
981	ALL	300409.07	4019672.85	1.50270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.958E-05	0.00E+00
982	ALL	300407.72	4019653.69	1.34860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.039E-05	0.00E+00
983	ALL	300357.00	4019660.98	1.17890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.027E-05	0.00E+00
984	ALL	300340.01	4019661.79	1.12270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.692E-05	0.00E+00
985	ALL	300334.88	4019673.12	1.16660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.954E-05	0.00E+00
986	ALL	300232.01	4020464.48	2.51100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.497E-04	0.00E+00
987	ALL	300230.66	4020472.85	2.47770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.477E-04	0.00E+00
988	ALL	300228.77	4020486.07	2.42710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.447E-04	0.00E+00
989	ALL	300234.44	4020508.47	2.37600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.416E-04	0.00E+00
990	ALL	301062.27	4020113.46	1.36920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.161E-04	0.00E+00

991	ALL	301080.21	4020112.48	1.13990E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.795E-04	0.00E+00
992	ALL	301091.91	4020111.51	1.02480E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.109E-04	0.00E+00
993	ALL	301121.55	4020107.41	8.15430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.861E-04	0.00E+00
994	ALL	301150.60	4020108.19	6.52040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.887E-04	0.00E+00
995	ALL	301170.10	4020106.24	5.78040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.446E-04	0.00E+00
996	ALL	301192.91	4020111.12	4.89370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.917E-04	0.00E+00
997	ALL	301208.32	4020118.14	4.33250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.583E-04	0.00E+00
998	ALL	301206.76	4020159.86	3.63840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.169E-04	0.00E+00
999	ALL	301052.33	4020162.79	9.53800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.686E-04	0.00E+00
1000	ALL	301083.72	4020160.25	7.70070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.590E-04	0.00E+00
1001	ALL	301113.75	4020162.01	6.17540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.681E-04	0.00E+00
1002	ALL	301127.40	4020158.69	5.74790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.426E-04	0.00E+00
1003	ALL	301147.68	4020159.47	5.04800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.009E-04	0.00E+00
1004	ALL	301207.97	4020177.63	3.37110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.010E-04	0.00E+00
1005	ALL	301235.23	4020156.85	3.21060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.914E-04	0.00E+00
1006	ALL	301232.53	4020139.85	3.47620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.072E-04	0.00E+00
1007	ALL	301235.50	4020117.18	3.76490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.244E-04	0.00E+00
1008	ALL	301271.13	4020107.46	3.30060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.967E-04	0.00E+00
1009	ALL	301306.21	4020109.08	2.81170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.676E-04	0.00E+00
1010	ALL	301341.30	4020107.73	2.45250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.462E-04	0.00E+00
1011	ALL	301357.22	4020103.41	2.34060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.395E-04	0.00E+00
1012	ALL	301375.03	4020106.92	2.16790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.292E-04	0.00E+00
1013	ALL	301390.15	4020106.38	2.06030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.228E-04	0.00E+00
1014	ALL	301409.04	4020098.83	1.97720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.179E-04	0.00E+00
1015	ALL	301417.41	4020151.18	1.64890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.829E-05	0.00E+00
1016	ALL	301374.49	4020155.77	1.86400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.111E-04	0.00E+00
1017	ALL	301370.45	4020179.52	1.76280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.051E-04	0.00E+00
1018	ALL	301061.97	4020457.87	2.36570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.410E-04	0.00E+00
1019	ALL	301062.34	4020429.85	2.57580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.535E-04	0.00E+00
1020	ALL	301065.33	4020398.84	2.82380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.683E-04	0.00E+00
1021	ALL	301063.46	4020414.91	2.69330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.605E-04	0.00E+00
1022	ALL	301059.73	4020368.96	3.18380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.898E-04	0.00E+00
1023	ALL	301062.72	4020354.39	3.32480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.982E-04	0.00E+00
1024	ALL	301056.74	4020247.92	5.39590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.216E-04	0.00E+00
1025	ALL	301061.14	4020321.27	3.79710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.263E-04	0.00E+00
1026	ALL	301062.30	4020291.90	4.27550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.549E-04	0.00E+00
1027	ALL	301060.85	4020277.36	4.59050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.736E-04	0.00E+00
1028	ALL	301114.36	4020261.36	3.88360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.315E-04	0.00E+00
1029	ALL	301112.61	4020232.86	4.40950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.628E-04	0.00E+00
1030	ALL	301136.75	4020270.38	3.38450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.018E-04	0.00E+00
1031	ALL	301136.17	4020242.17	3.77190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.248E-04	0.00E+00
1032	ALL	301151.58	4020266.31	3.20750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.912E-04	0.00E+00
1033	ALL	301150.71	4020241.00	3.52910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.104E-04	0.00E+00
1034	ALL	301166.70	4020240.42	3.27450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.952E-04	0.00E+00
1035	ALL	301182.11	4020266.89	2.79760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.668E-04	0.00E+00
1036	ALL	301180.08	4020238.10	3.09840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.847E-04	0.00E+00
1037	ALL	301068.12	4020196.51	6.78760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.046E-04	0.00E+00
1038	ALL	301082.08	4020188.37	6.54330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.900E-04	0.00E+00
1039	ALL	301101.27	4020190.40	5.74720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.426E-04	0.00E+00
1040	ALL	301117.55	4020189.82	5.22670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.116E-04	0.00E+00
1041	ALL	301149.54	4020188.08	4.38530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.614E-04	0.00E+00
1042	ALL	301167.28	4020190.11	3.94510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.352E-04	0.00E+00
1043	ALL	301209.45	4020193.02	3.16050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.884E-04	0.00E+00
1044	ALL	301237.37	4020195.35	2.76540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.648E-04	0.00E+00
1045	ALL	301199.56	4020237.81	2.83900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.692E-04	0.00E+00
1046	ALL	301214.98	4020266.01	2.43960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.454E-04	0.00E+00
1047	ALL	301231.84	4020264.85	2.28450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.362E-04	0.00E+00
1048	ALL	301249.58	4020263.98	2.13200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.271E-04	0.00E+00
1049	ALL	301231.26	4020238.68	2.46950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.472E-04	0.00E+00
1050	ALL	301215.56	4020239.26	2.63480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.571E-04	0.00E+00
1051	ALL	301120.44	4020437.65	2.14080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.276E-04	0.00E+00
1052	ALL	301118.41	4020422.82	2.24290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.337E-04	0.00E+00
1053	ALL	301118.12	4020405.95	2.35410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.403E-04	0.00E+00
1054	ALL	301116.66	4020385.89	2.50740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.495E-04	0.00E+00
1055	ALL	301115.21	4020349.53	2.81920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.681E-04	0.00E+00
1056	ALL	301114.05	4020328.59	3.03750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.811E-04	0.00E+00
1057	ALL	301110.85	4020312.60	3.25230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.939E-04	0.00E+00
1058	ALL	301151.27	4020349.53	2.47680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.476E-04	0.00E+00
1059	ALL	301157.38	4020374.25	2.26400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.350E-04	0.00E+00
1060	ALL	301158.25	4020409.15	2.06150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.229E-04	0.00E+00
1061	ALL	301160.00	4020426.89	1.96170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.169E-04	0.00E+00
1062	ALL	301159.12	4020439.40	1.90770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.137E-04	0.00E+00
1063	ALL	301162.03	4020458.88	1.80610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.077E-04	0.00E+00
1064	ALL	301140.22	4020458.88	1.91800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.143E-04	0.00E+00
1065	ALL	301098.63	4020459.17	2.14510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.279E-04	0.00E+00
1066	ALL	301079.44	4020461.50	2.24020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.335E-04	0.00E+00
1067	ALL	301177.45	4020460.05	1.72540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.029E-04	0.00E+00
1068	ALL	301194.02	4020460.63	1.64460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.803E-05	0.00E+00
1069	ALL	301200.42	4020446.09	1.66530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.927E-05	0.00E+00
1070	ALL	301206.24	4020428.05	1.70050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.014E-04	0.00E+00
1071	ALL	301209.73	4020418.17	1.71790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.024E-04	0.00E+00
1072	ALL	301216.13	4020403.04	1.73750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.036E-04	0.00E+00
1073	ALL	301218.16	4020385.89	1.79040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.067E-04	0.00E+00
1074	ALL	301196.93	4020388.50	1.91230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.140E-04	0.00E+00
1075	ALL	301173.37	4020379.20	2.11700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.262E-04	0.00E+00
1076	ALL	301215.54	4020370.76	1.86810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.114E-04	0.00E+00
1077	ALL	301210.85	4020339.40	2.04460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.219E-04	0.00E+00
1078	ALL	301195.96	4020317.26	2.28770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.364E-04	0.00E+00
1079	ALL	301243.86	4020321.69	1.88300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.122E-04	0.00E+00
1080	ALL	301244.67	4020335.78	1.81820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.084E-04	0.00E+00
1081	ALL	301245.15	4020369.16	1.68950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.007E-04	0.00E+00
1082	ALL	301247.38	4020427.11	1.49720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.924E-05	0.00E+00
1083	ALL	301241.25	4020446.61	1.47090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.768E-05	0.00E+00
1084	ALL	301280.81	4020448.28	1.30340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.769E-05	0.00E+00
1085	ALL	301292.51	4020409.83	1.34080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.992E-05	0.00E+00
1086	ALL	301341.54	4020354.67	1.26160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.520E-05	0.00E+00
1087	ALL	301292.59	4020313.41	1.61170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.607E-05	0.00E+00
1088	ALL	301330.03	4020314.22	1.41600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.441E-05	0.00E+00
1089	ALL	301374.72	4020306.97	1.25350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.472E-05	0.00E+00
1090	ALL	301419.00	4020306.97	1.10850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.608E-05	0.00E+00
1091	ALL	301328.02	4020294.49	1.48820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.871E-05	0.00E+00

1092	ALL	301292.99	4020282.82	1.72630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.029E-04	0.00E+00
1093	ALL	301329.23	4020255.85	1.63190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.727E-05	0.00E+00
1094	ALL	301290.58	4020251.42	1.88650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.125E-04	0.00E+00
1095	ALL	301323.59	4020219.21	1.83760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.095E-04	0.00E+00
1096	ALL	301416.99	4020215.99	1.38520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.257E-05	0.00E+00
1097	ALL	301379.95	4020255.44	1.39230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.299E-05	0.00E+00
1098	ALL	301466.50	4020195.86	1.27490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.599E-05	0.00E+00
1099	ALL	301414.57	4020253.03	1.27050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.574E-05	0.00E+00
1100	ALL	301470.13	4020246.99	1.11760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.662E-05	0.00E+00
1101	ALL	301475.36	4020357.70	8.71870E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.197E-05	0.00E+00
1102	ALL	301500.32	4020363.74	8.14780E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.857E-05	0.00E+00
1103	ALL	301468.19	4020147.32	1.43590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.559E-05	0.00E+00
1104	ALL	301511.71	4020148.87	1.27610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.607E-05	0.00E+00
1105	ALL	301526.08	4020146.81	1.23790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.379E-05	0.00E+00
1106	ALL	301544.56	4020144.76	1.19020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.095E-05	0.00E+00
1107	ALL	301580.15	4020144.76	1.09750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.542E-05	0.00E+00
1108	ALL	301597.60	4020143.73	1.05920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.314E-05	0.00E+00
1109	ALL	301616.77	4020142.36	1.02070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.084E-05	0.00E+00
1110	ALL	301634.22	4020138.60	9.93360E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.921E-05	0.00E+00
1111	ALL	301653.04	4020140.99	9.52670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.679E-05	0.00E+00
1112	ALL	301667.07	4020141.34	9.27270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.527E-05	0.00E+00
1113	ALL	301683.15	4020141.68	9.00200E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.366E-05	0.00E+00
1114	ALL	301700.27	4020139.28	8.78350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.236E-05	0.00E+00
1115	ALL	301712.93	4020136.89	8.64480E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.153E-05	0.00E+00
1116	ALL	301749.89	4020132.44	8.27700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.934E-05	0.00E+00
1117	ALL	301755.02	4020177.95	7.60350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.532E-05	0.00E+00
1118	ALL	301784.45	4020136.55	8.01650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.779E-05	0.00E+00
1119	ALL	301806.35	4020133.47	8.18490E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.879E-05	0.00E+00
1120	ALL	301808.06	4020176.58	7.67080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.572E-05	0.00E+00
1121	ALL	301809.09	4020198.49	7.43000E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.429E-05	0.00E+00
1122	ALL	301712.58	4020198.83	7.71250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.597E-05	0.00E+00
1123	ALL	301693.76	4020200.54	7.90240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.711E-05	0.00E+00
1124	ALL	301668.78	4020201.22	8.21220E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.895E-05	0.00E+00
1125	ALL	301636.61	4020203.28	8.64770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.155E-05	0.00E+00
1126	ALL	301614.71	4020201.22	9.04370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.391E-05	0.00E+00
1127	ALL	301750.57	4020202.93	7.31790E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.362E-05	0.00E+00
1128	ALL	301751.94	4020218.68	7.11600E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.242E-05	0.00E+00
1129	ALL	301863.19	4020024.64	9.57900E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.710E-05	0.00E+00
1130	ALL	301894.68	4020028.41	8.19250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.884E-05	0.00E+00
1131	ALL	301755.30	4019984.22	1.07480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.407E-05	0.00E+00
1132	ALL	301766.18	4019983.23	1.06010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.319E-05	0.00E+00
1133	ALL	301799.81	4019963.95	1.07540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.410E-05	0.00E+00
1134	ALL	301863.35	4019969.63	1.01970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.079E-05	0.00E+00
1135	ALL	301798.16	4019991.75	1.02550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.113E-05	0.00E+00
1136	ALL	301796.80	4019954.28	1.09120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.505E-05	0.00E+00
1137	ALL	301795.44	4019916.82	1.15760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.901E-05	0.00E+00
1138	ALL	301794.08	4019879.35	1.22840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.322E-05	0.00E+00
1139	ALL	301801.78	4019862.89	1.26380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.534E-05	0.00E+00
1140	ALL	301800.42	4019825.43	1.34110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.994E-05	0.00E+00
1141	ALL	301799.06	4019787.96	1.41800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.453E-05	0.00E+00
1142	ALL	301797.71	4019750.49	1.49970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.939E-05	0.00E+00
1143	ALL	300379.44	4019229.80	3.67610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.191E-05	0.00E+00
1144	ALL	300378.08	4019192.33	3.43650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.048E-05	0.00E+00
1145	ALL	300376.72	4019154.87	3.22720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.924E-05	0.00E+00
1146	ALL	300375.36	4019117.40	3.04350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.814E-05	0.00E+00
1147	ALL	300313.79	4019143.62	2.65320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.582E-05	0.00E+00
1148	ALL	300277.40	4019142.80	2.43150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.449E-05	0.00E+00
1149	ALL	300315.51	4019127.48	2.60080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.550E-05	0.00E+00
1150	ALL	300314.15	4019090.02	2.45960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.466E-05	0.00E+00
1151	ALL	300339.80	4020163.10	4.65970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	2.778E-04	0.00E+00
1152	ALL	300981.48	4020980.84	8.47350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.051E-05	0.00E+00
1153	ALL	301081.26	4020927.88	8.30940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.953E-05	0.00E+00
1154	ALL	301081.26	4020894.43	8.76960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.228E-05	0.00E+00
1155	ALL	301104.12	4020903.91	8.41730E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	5.018E-05	0.00E+00
1156	ALL	301135.34	4020915.06	7.99190E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.764E-05	0.00E+00
1157	ALL	301171.57	4020910.04	7.72740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.606E-05	0.00E+00
1158	ALL	301222.86	4020899.45	7.36790E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.392E-05	0.00E+00
1159	ALL	301341.60	4020823.63	6.85570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.087E-05	0.00E+00
1160	ALL	301279.72	4020755.07	8.26380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.926E-05	0.00E+00
1161	ALL	301327.10	4020693.74	8.22170E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.901E-05	0.00E+00
1162	ALL	301354.42	4020691.51	7.81060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.656E-05	0.00E+00
1163	ALL	301752.53	4019667.27	1.89570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.130E-04	0.00E+00
1164	ALL	301796.26	4019632.29	1.71680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.023E-04	0.00E+00
1165	ALL	301853.60	4019653.18	1.50850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	8.992E-05	0.00E+00
1166	ALL	301906.56	4019658.53	1.23250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.347E-05	0.00E+00
1167	ALL	301958.56	4019657.55	1.07990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	6.437E-05	0.00E+00
1168	ALL	301856.03	4019592.93	1.51500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.031E-05	0.00E+00
1169	ALL	301799.66	4019592.93	1.71530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.023E-04	0.00E+00
1170	ALL	301845.34	4019524.90	1.59020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.479E-05	0.00E+00
1171	ALL	301782.65	4019418.97	1.61930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	9.652E-05	0.00E+00
1172	ALL	301793.34	4019490.88	1.70790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.018E-04	0.00E+00
1173	ALL	301809.36	4020241.57	6.94100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.138E-05	0.00E+00
1174	ALL	301808.79	4020283.30	6.44820E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.844E-05	0.00E+00
1175	ALL	301809.93	4020302.17	6.23010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.714E-05	0.00E+00
1176	ALL	301812.22	4020365.05	5.23230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.119E-05	0.00E+00
1177	ALL	301767.63	4020349.62	5.54410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.305E-05	0.00E+00
1178	ALL	301713.89	4020302.17	6.37880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.802E-05	0.00E+00
1179	ALL	301711.03	4020243.85	7.12580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	4.248E-05	0.00E+00
1180	ALL	301807.65	4020260.43	6.69890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	3.993E-05	0.00E+00
1181	ALL	301544.16	4019649.35	3.06870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.829E-04	0.00E+00
1182	ALL	301580.04	4019666.79	2.81200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.676E-04	0.00E+00
1183	ALL	301581.04	4019646.36	2.75170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.640E-04	0.00E+00
1184	ALL	301578.55	4019629.42	2.75080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.640E-04	0.00E+00
1185	ALL	301541.17	4019628.42	3.06780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.829E-04	0.00E+00
1186	ALL	301731.04	4019665.80	1.96130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.169E-04	0.00E+00
1187	ALL	301754.96	4019699.19	1.81320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.081E-04	0.00E+00
1188	ALL	301783.87	4019702.67	1.68950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	1.007E-04	0.00E+00
1189	ALL	301905.65	4019714.40	1.17740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChickenEgg	7.019E-05	0.00E+00

HARP2 - HRACalc (dated 22118) 8/16/2024 1:30:30 PM - 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: 1.96

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.96
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 (m^2): 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\0014-013 PB\HARP\Plumb Mit Con -
T4\hra\Plumb Mit Con - Tier 4CancerRisk.csv
Cancer risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier
4CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con -
T4\hra\Plumb Mit Con - Tier 4NCChronicRisk.csv
Chronic risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier
4NCChronicRiskSumByRec.csv
Calculating acute risk
```

```
Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con -
T4\hra\Plumb Mit Con - Tier 4NCAcuteRisk.csv
Acute risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - T4\hra\Plumb Mit Con - Tier
4NCAcuteRiskSumByRec.csv
HRA ran successfully
```

Plumb Blossom Estates Project (Mitigated Construction – Level 3 Filters Scenario)

Estimation of Annual Onsite Construction Emissions

Start of Construction	1/1/2025	
End of Construction	12/16/2026	**Total**
Number of Days	714	714
Number of Hours	17,136	17,136

Size of the construction area source: **166,972.9** **sq-meters**

Run	Year	On-site Construction Activity	Level 3 Mitigated On-site DPM (pounds)
Project Construction	2025	Site Preparation	6.1450
Project Construction	2025	Grading	17.1863
Project Construction	2025	Paving	6.6295
Project Construction	2025	Building Construction	39.6213
Project Construction	2026	Building Construction	48.6323
Project Construction	2026	Architectural Coating	1.2734

Total Level 3 Mitigated DPM (On-site) 1.195E+02 pounds

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

Average Emission for AREA	5.425E+04	grams
	8.794E-04	grams/sec
	5.266E-09	grams/m2-sec

Pounds/Construction Period	1.195E+02
Pounds/Day	1.673E-01
Pounds/Hour	6.973E-03
Pounds/Year	6.108E+01
Years	1.95616

Plumb Blossom Estates Project (Mitigated Construction – Level 3 Filters Scenario)

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

Start of Construction		1/1/2025				
End of Construction		12/16/2026				**Total**
Number of Days		714				714
Number of Hours		17,136				17,136
	2025 Project Construction	2025 Project Construction	2025 Project Construction	2025 +2026 Project Construction	2026 Project Construction	
Construction Trip Type	Site Preparation	Grading	Paving	Building Construction	Architectural Coating	**Total (pounds)**
Total (pounds)	0.19845	2.14960	0.36383	2.447586692	0.36383	**5.52330**

	Haul Truck	**Vendor Truck**	**Worker**	**Total**
Site Preparation	0.00	599.71	525.00	1,124.71
Grading	1,250.00	1,499.27	1,500.00	4,249.27
Paving	0.00	1,099.47	825.00	1,924.47
Building Construction (2025 + 2026)	0.00	7,396.41	24,908.40	32,304.81
Architectural Coating	0.00	1,099.47	740.52	1,839.99
Total	**1,250.00**	**11,694.33**	**28,498.92**	**41,443.25**

	Haul Truck (pounds)	**Vendor Truck (pounds)**	**Worker (pounds)**	**Total (pounds)**
Total DPM	1.666E-01	1.559E+00	3.798E+00	5.523E+00
Average Emissions				
Grams	7.563E+01	7.076E+02	1.724E+03	
Grams/sec	1.226E-06	1.147E-05	2.795E-05	
Default Distance	20	7.43	11.41	Default Vehicle Travel Distance in CalEEMod

Vehicle Travel Distances in the Construction HRA (miles)				
Off-site Road Segment 1	0.49	0.49	0.49	miles
Off-site Road Segment 2	0.55	0.55	0.55	miles
On-site Travel	0.85	0.85	0.85	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
On-site Travel	100.0%	100.0%	100.0%	on-site

Total Average Offsite Vehicle Emissions Along Travel Distance (g/sec)				**Total**	
Off-site Road Segment 1	1.497E-08	3.771E-07	5.984E-07	9.905E-07	Off-site Road Segment 1
Off-site Road Segment 2	1.699E-08	4.280E-07	6.791E-07	1.124E-06	Off-site Road Segment 2
On-site Travel	5.195E-08	0.000E+00	2.076E-06	2.128E-06	On-site, on-road construction vehicle travel

	Grams/sec	Pounds/Hour	Pounds/Day	Pounds/year	Tons/year
Off-site Road Segment 1	9.905E-07	7.861E-06	1.887E-04	6.887E-02	3.443E-05
Off-site Road Segment 2	1.124E-06	8.922E-06	2.141E-04	7.815E-02	3.908E-05
On-site Travel	2.128E-06	1.689E-05	4.053E-04	2.894E-01	1.447E-04

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

Plumb Blossom Estates Project Mitigated Construction (Level 3 Filters Scenario)

	RISK SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
Maximum Risk	5.5794E-06	5.58	3.3258E-03	0.00E+00

	X	Y
MER UTM	301056.23	4019874.77
Lat/Long	36°18'12.1"N	119°12'56.6"W
Receptor #	785	

*HARP - HRACalc v22118 8/16/2024 12:59:26 PM - Cancer Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3 FiltersHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 12:59:26 PM - Chronic Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3 FiltersHRAInput.hra
*HARP - HRACalc v22118 8/16/2024 12:59:26 PM - Acute Risk - Input File: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3 FiltersHRAInput.hra

REC	GRP	X	Y	RISK_SUM	SCENARIO	MAXHI NonCancerChronic	MAXHI Acute
1	ALL	301075.66	4020008.19	3.47600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.072E-03	0.00E+00
2	ALL	301058.94	4019969.10	5.00770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.985E-03	0.00E+00
3	ALL	301060.80	4019929.61	5.13110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.059E-03	0.00E+00
4	ALL	301059.44	4019892.15	5.33630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.181E-03	0.00E+00
5	ALL	301058.08	4019854.68	5.45030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.249E-03	0.00E+00
6	ALL	301056.72	4019817.21	5.48780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.271E-03	0.00E+00
7	ALL	301055.36	4019779.75	5.44260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.244E-03	0.00E+00
8	ALL	301053.73	4019745.78	5.33620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.181E-03	0.00E+00
9	ALL	301051.86	4019666.52	4.14310E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.470E-03	0.00E+00
10	ALL	301109.50	4020110.44	1.01810E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.069E-04	0.00E+00
11	ALL	301066.52	4020161.28	1.00190E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.972E-04	0.00E+00
12	ALL	301113.13	4020006.83	2.07850E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.239E-03	0.00E+00
13	ALL	301111.77	4019969.36	2.44590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.458E-03	0.00E+00
14	ALL	301110.41	4019931.90	2.72710E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.626E-03	0.00E+00
15	ALL	301109.06	4019894.43	2.91920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.740E-03	0.00E+00
16	ALL	301107.70	4019856.96	3.04420E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.815E-03	0.00E+00
17	ALL	301106.34	4019819.50	3.11250E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.855E-03	0.00E+00
18	ALL	301104.98	4019782.03	3.12750E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.864E-03	0.00E+00
19	ALL	301103.62	4019744.56	3.08650E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.840E-03	0.00E+00
20	ALL	301101.65	4019659.56	2.58280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.540E-03	0.00E+00
21	ALL	301140.74	4020109.86	7.99250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.764E-04	0.00E+00
22	ALL	301099.11	4020162.54	7.85010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.679E-04	0.00E+00
23	ALL	301147.64	4020007.89	1.41930E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.460E-04	0.00E+00
24	ALL	301141.97	4019956.96	1.83560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.094E-03	0.00E+00
25	ALL	301147.89	4019930.54	1.86200E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.110E-03	0.00E+00
26	ALL	301146.53	4019893.07	2.03360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.212E-03	0.00E+00
27	ALL	301145.17	4019855.60	2.15060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.282E-03	0.00E+00
28	ALL	301143.81	4019818.14	2.22520E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.326E-03	0.00E+00
29	ALL	301142.45	4019780.67	2.25960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.347E-03	0.00E+00
30	ALL	301141.09	4019743.20	2.25320E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.343E-03	0.00E+00
31	ALL	301138.38	4019668.27	2.04900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.221E-03	0.00E+00
32	ALL	301180.94	4020105.77	6.24090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.720E-04	0.00E+00
33	ALL	301161.22	4020159.23	5.38690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.211E-04	0.00E+00
34	ALL	301137.19	4020189.62	5.38620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.211E-04	0.00E+00
35	ALL	301055.65	4020229.32	6.91960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.125E-04	0.00E+00
36	ALL	301188.08	4020004.11	1.01480E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.049E-04	0.00E+00
37	ALL	301178.91	4019958.56	1.30910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.803E-04	0.00E+00
38	ALL	301185.37	4019929.18	1.35620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.084E-04	0.00E+00
39	ALL	301184.01	4019891.71	1.49160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.891E-04	0.00E+00
40	ALL	301182.65	4019854.24	1.60020E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.538E-04	0.00E+00
41	ALL	301181.29	4019816.78	1.67410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.979E-04	0.00E+00
42	ALL	301179.93	4019779.31	1.71670E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.023E-03	0.00E+00
43	ALL	301178.57	4019741.85	1.72860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.030E-03	0.00E+00
44	ALL	301195.62	4019684.44	1.49360E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.903E-04	0.00E+00
45	ALL	301203.62	4020144.51	4.55050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.713E-04	0.00E+00
46	ALL	301111.27	4020246.78	4.82670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.877E-04	0.00E+00
47	ALL	301225.56	4020002.75	7.78780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.642E-04	0.00E+00
48	ALL	301216.66	4019959.09	9.79030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.836E-04	0.00E+00
49	ALL	301222.84	4019927.82	1.03280E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.157E-04	0.00E+00
50	ALL	301221.48	4019890.35	1.14170E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.806E-04	0.00E+00
51	ALL	301220.12	4019852.88	1.23110E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.338E-04	0.00E+00
52	ALL	301218.76	4019815.42	1.30090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.754E-04	0.00E+00
53	ALL	301217.40	4019777.95	1.34610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.024E-04	0.00E+00
54	ALL	301216.04	4019740.49	1.36920E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.162E-04	0.00E+00
55	ALL	301237.19	4019639.45	1.11590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.652E-04	0.00E+00
56	ALL	301253.92	4020108.40	4.11490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.453E-04	0.00E+00
57	ALL	301239.16	4020176.33	3.38450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.018E-04	0.00E+00
58	ALL	301166.90	4020270.40	3.41130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.033E-04	0.00E+00
59	ALL	301113.70	4020280.21	4.17670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.490E-04	0.00E+00
60	ALL	301258.45	4020007.35	6.22700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.712E-04	0.00E+00
61	ALL	301252.25	4019955.03	7.83800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.672E-04	0.00E+00
62	ALL	301260.32	4019926.46	8.13780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.851E-04	0.00E+00
63	ALL	301258.96	4019888.99	9.01420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.373E-04	0.00E+00
64	ALL	301257.60	4019851.53	9.76550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.821E-04	0.00E+00
65	ALL	301256.24	4019814.06	1.03620E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.177E-04	0.00E+00
66	ALL	301254.88	4019776.59	1.07900E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.432E-04	0.00E+00
67	ALL	301253.52	4019739.13	1.10950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.613E-04	0.00E+00
68	ALL	301237.38	4019679.48	1.18570E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.068E-04	0.00E+00
69	ALL	301291.72	4020106.15	3.48940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.080E-04	0.00E+00
70	ALL	301268.71	4020168.52	3.06490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.827E-04	0.00E+00
71	ALL	301245.70	4020230.89	2.74790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.638E-04	0.00E+00
72	ALL	301201.48	4020270.07	2.94310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.754E-04	0.00E+00
73	ALL	301143.89	4020319.50	3.21520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.917E-04	0.00E+00
74	ALL	301060.90	4020335.56	4.14480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.471E-04	0.00E+00
75	ALL	301294.32	4020000.26	5.23660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.122E-04	0.00E+00
76	ALL	301309.66	4019954.75	5.65690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.372E-04	0.00E+00
77	ALL	301297.79	4019925.10	6.58610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.926E-04	0.00E+00
78	ALL	301296.43	4019887.63	7.29240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.347E-04	0.00E+00
79	ALL	301295.07	4019850.17	7.91700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.719E-04	0.00E+00
80	ALL	301293.71	4019812.70	8.43390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.027E-04	0.00E+00
81	ALL	301292.35	4019775.23	8.83120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.264E-04	0.00E+00

82	ALL	301291.00	4019737.77	9.13590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.446E-04	0.00E+00
83	ALL	301288.28	4019662.83	9.11710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.435E-04	0.00E+00
84	ALL	301324.57	4020107.12	3.03040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.806E-04	0.00E+00
85	ALL	301306.89	4020165.25	2.65990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.586E-04	0.00E+00
86	ALL	301284.35	4020226.35	2.39190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.426E-04	0.00E+00
87	ALL	301232.33	4020301.26	2.38730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.423E-04	0.00E+00
88	ALL	301159.39	4020318.12	3.03700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.810E-04	0.00E+00
89	ALL	301113.79	4020364.65	3.11660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.858E-04	0.00E+00
90	ALL	301333.40	4019998.67	4.34260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.589E-04	0.00E+00
91	ALL	301336.63	4019961.21	4.83510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.882E-04	0.00E+00
92	ALL	301335.27	4019923.74	5.44200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.244E-04	0.00E+00
93	ALL	301333.91	4019886.27	6.01500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.585E-04	0.00E+00
94	ALL	301332.55	4019848.81	6.53430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.895E-04	0.00E+00
95	ALL	301331.19	4019811.34	6.97800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.160E-04	0.00E+00
96	ALL	301329.83	4019773.87	7.34040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.376E-04	0.00E+00
97	ALL	301328.47	4019736.41	7.64070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.555E-04	0.00E+00
98	ALL	301325.75	4019661.47	7.74040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.614E-04	0.00E+00
99	ALL	301428.95	4020101.66	2.11750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.262E-04	0.00E+00
100	ALL	301393.16	4020157.47	2.01360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.200E-04	0.00E+00
101	ALL	301382.20	4020228.38	1.71090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.020E-04	0.00E+00
102	ALL	301358.83	4020291.75	1.56720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.342E-05	0.00E+00
103	ALL	301304.87	4020369.43	1.59500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.507E-05	0.00E+00
104	ALL	301243.71	4020398.08	1.84730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.101E-04	0.00E+00
105	ALL	301182.55	4020426.72	2.11520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.261E-04	0.00E+00
106	ALL	301121.39	4020455.37	2.35010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.401E-04	0.00E+00
107	ALL	301425.09	4020000.09	2.95000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.759E-04	0.00E+00
108	ALL	301418.56	4019954.95	3.45000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.057E-04	0.00E+00
109	ALL	301419.66	4019915.67	3.80030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.265E-04	0.00E+00
110	ALL	301418.30	4019878.21	4.15980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.480E-04	0.00E+00
111	ALL	301416.94	4019840.74	4.50050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.683E-04	0.00E+00
112	ALL	301413.13	4019806.40	4.84980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.891E-04	0.00E+00
113	ALL	301411.77	4019768.93	5.13490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.061E-04	0.00E+00
114	ALL	301410.41	4019731.47	5.40040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.219E-04	0.00E+00
115	ALL	301411.67	4019671.06	5.56060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.315E-04	0.00E+00
116	ALL	301487.94	4020167.66	1.49070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.886E-05	0.00E+00
117	ALL	301480.81	4020228.36	1.31120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.816E-05	0.00E+00
118	ALL	301456.90	4020293.16	1.19660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.133E-05	0.00E+00
119	ALL	301433.00	4020357.96	1.11480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.645E-05	0.00E+00
120	ALL	301377.82	4020437.41	1.14830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.845E-05	0.00E+00
121	ALL	301315.27	4020466.71	1.31960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.866E-05	0.00E+00
122	ALL	301252.72	4020496.01	1.50510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.972E-05	0.00E+00
123	ALL	301556.29	4019987.91	1.97930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.180E-04	0.00E+00
124	ALL	301554.94	4019950.44	2.16620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.291E-04	0.00E+00
125	ALL	301553.58	4019912.98	2.35760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.405E-04	0.00E+00
126	ALL	301552.22	4019879.02	2.53740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.513E-04	0.00E+00
127	ALL	301549.58	4019840.06	2.75210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.641E-04	0.00E+00
128	ALL	301548.22	4019802.60	2.94630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.756E-04	0.00E+00
129	ALL	301546.86	4019765.13	3.14190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.873E-04	0.00E+00
130	ALL	301547.74	4019730.65	3.31130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.974E-04	0.00E+00
131	ALL	301546.55	4019667.68	3.54290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.112E-04	0.00E+00
132	ALL	301604.10	4020161.43	1.15680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.896E-05	0.00E+00
133	ALL	301579.82	4020227.23	1.05590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.294E-05	0.00E+00
134	ALL	301555.55	4020293.02	9.64210E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.748E-05	0.00E+00
135	ALL	301531.27	4020358.82	8.86680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.285E-05	0.00E+00
136	ALL	301507.00	4020424.62	8.39160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.002E-05	0.00E+00
137	ALL	301450.97	4020505.29	8.74100E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.210E-05	0.00E+00
138	ALL	301387.46	4020535.04	9.94380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.927E-05	0.00E+00
139	ALL	301323.95	4020564.79	1.12760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.721E-05	0.00E+00
140	ALL	301260.44	4020594.54	1.25450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.478E-05	0.00E+00
141	ALL	301637.79	4019987.80	1.58300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.436E-05	0.00E+00
142	ALL	301636.43	4019950.33	1.71600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.023E-04	0.00E+00
143	ALL	301635.07	4019912.86	1.85140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.104E-04	0.00E+00
144	ALL	301633.71	4019875.40	1.99560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.190E-04	0.00E+00
145	ALL	301632.35	4019837.93	2.14250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.277E-04	0.00E+00
146	ALL	301630.99	4019800.46	2.29100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.366E-04	0.00E+00
147	ALL	301629.63	4019763.00	2.44380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.457E-04	0.00E+00
148	ALL	301628.27	4019725.53	2.62300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.564E-04	0.00E+00
149	ALL	301625.56	4019650.60	2.79840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.668E-04	0.00E+00
150	ALL	301703.63	4020158.90	9.66600E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.762E-05	0.00E+00
151	ALL	301679.08	4020225.43	8.86970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.287E-05	0.00E+00
152	ALL	301654.54	4020291.96	8.11260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.836E-05	0.00E+00
153	ALL	301630.00	4020358.49	7.40500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.414E-05	0.00E+00
154	ALL	301605.45	4020425.02	6.86500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.092E-05	0.00E+00
155	ALL	301580.91	4020491.55	6.59330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.930E-05	0.00E+00
156	ALL	301524.26	4020573.12	6.93080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.131E-05	0.00E+00
157	ALL	301460.04	4020603.19	7.81600E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.659E-05	0.00E+00
158	ALL	301395.82	4020633.27	8.79330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.242E-05	0.00E+00
159	ALL	301331.60	4020663.35	9.76300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.820E-05	0.00E+00
160	ALL	301267.39	4020693.43	1.06360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.340E-05	0.00E+00
161	ALL	301737.72	4019984.17	1.27120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.578E-05	0.00E+00
162	ALL	301736.36	4019946.71	1.36280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.123E-05	0.00E+00
163	ALL	301735.00	4019909.24	1.45730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.687E-05	0.00E+00
164	ALL	301733.64	4019871.77	1.55740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.284E-05	0.00E+00
165	ALL	301732.29	4019834.31	1.66570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.929E-05	0.00E+00
166	ALL	301730.93	4019796.84	1.77510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.058E-04	0.00E+00
167	ALL	301729.57	4019759.37	1.89210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.128E-04	0.00E+00
168	ALL	301728.21	4019721.91	2.03820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.215E-04	0.00E+00
169	ALL	301725.49	4019646.97	2.19270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.307E-04	0.00E+00
170	ALL	301803.25	4020156.11	8.90610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.309E-05	0.00E+00
171	ALL	301778.50	4020223.20	7.94280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.735E-05	0.00E+00
172	ALL	301753.75	4020290.29	7.18160E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.281E-05	0.00E+00
173	ALL	301729.00	4020357.38	6.47590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.860E-05	0.00E+00
174	ALL	301704.25	4020424.47	5.87590E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.503E-05	0.00E+00
175	ALL	301679.50	4020491.56	5.49640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.276E-05	0.00E+00
176	ALL	301654.75	4020558.65	5.35420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.192E-05	0.00E+00
177	ALL	301597.63	4020640.90	5.67030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.380E-05	0.00E+00
178	ALL	301532.87	4020671.23	6.34410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.782E-05	0.00E+00
179	ALL	301468.11	4020701.56	7.07410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.217E-05	0.00E+00
180	ALL	301403.35	4020731.89	7.83170E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.668E-05	0.00E+00
181	ALL	301338.60	4020762.22	8.54040E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.091E-05	0.00E+00
182	ALL	301273.84	4020792.55	9.14290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.450E-05	0.00E+00

183	ALL	301861.56	4019938.22	1.20360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.174E-05	0.00E+00
184	ALL	301860.20	4019900.75	1.26730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.554E-05	0.00E+00
185	ALL	301858.85	4019863.29	1.33540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.960E-05	0.00E+00
186	ALL	301857.49	4019825.82	1.40900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.399E-05	0.00E+00
187	ALL	301856.13	4019788.36	1.48060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.825E-05	0.00E+00
188	ALL	301854.77	4019750.89	1.55120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.246E-05	0.00E+00
189	ALL	301853.41	4019713.42	1.61990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.656E-05	0.00E+00
190	ALL	301927.85	4020085.62	7.76850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.631E-05	0.00E+00
191	ALL	301915.40	4020119.38	7.69340E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.586E-05	0.00E+00
192	ALL	301890.48	4020186.91	7.73920E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.613E-05	0.00E+00
193	ALL	301865.57	4020254.44	8.28030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.936E-05	0.00E+00
194	ALL	301816.65	4020341.41	6.44680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.843E-05	0.00E+00
195	ALL	301815.75	4020389.51	5.56240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.316E-05	0.00E+00
196	ALL	301790.83	4020457.04	4.95770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.955E-05	0.00E+00
197	ALL	301765.92	4020524.57	4.60570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.745E-05	0.00E+00
198	ALL	301741.01	4020592.10	4.46860E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.664E-05	0.00E+00
199	ALL	301716.10	4020659.63	4.48130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.671E-05	0.00E+00
200	ALL	301671.05	4020708.66	4.75610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.835E-05	0.00E+00
201	ALL	301605.87	4020739.19	5.27960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.147E-05	0.00E+00
202	ALL	301540.68	4020769.72	5.83980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.481E-05	0.00E+00
203	ALL	301475.50	4020800.25	6.43430E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.835E-05	0.00E+00
204	ALL	301410.32	4020830.78	7.01960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.184E-05	0.00E+00
205	ALL	301345.13	4020861.31	7.53420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.491E-05	0.00E+00
206	ALL	301279.95	4020891.84	7.96540E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.748E-05	0.00E+00
207	ALL	301214.77	4020922.37	8.32230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.961E-05	0.00E+00
208	ALL	301182.18	4020937.63	8.46580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.046E-05	0.00E+00
209	ALL	301116.99	4020968.16	8.68290E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.176E-05	0.00E+00
210	ALL	301927.66	4020029.44	8.40000E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.007E-05	0.00E+00
211	ALL	301918.08	4019976.24	9.28260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.533E-05	0.00E+00
212	ALL	301916.72	4019938.77	9.81510E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.851E-05	0.00E+00
213	ALL	301915.37	4019901.30	1.03660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.179E-05	0.00E+00
214	ALL	301914.01	4019863.84	1.09520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.528E-05	0.00E+00
215	ALL	301932.15	4019827.06	1.09950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.554E-05	0.00E+00
216	ALL	301930.79	4019789.59	1.15810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.903E-05	0.00E+00
217	ALL	301929.44	4019752.12	1.21500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.243E-05	0.00E+00
218	ALL	301928.08	4019714.66	1.26810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.559E-05	0.00E+00
219	ALL	301914.67	4019639.72	1.39710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.328E-05	0.00E+00
220	ALL	301050.33	4019607.46	2.42760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.447E-03	0.00E+00
221	ALL	301049.11	4019569.98	1.79090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.068E-03	0.00E+00
222	ALL	301100.81	4019607.96	1.97740E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.179E-03	0.00E+00
223	ALL	301092.57	4019549.28	1.42090E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.470E-04	0.00E+00
224	ALL	301141.73	4019642.62	1.85380E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.105E-03	0.00E+00
225	ALL	301044.43	4019499.03	1.10020E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.558E-04	0.00E+00
226	ALL	301095.78	4019530.91	1.26370E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.533E-04	0.00E+00
227	ALL	301140.79	4019626.04	1.75500E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.046E-03	0.00E+00
228	ALL	301044.49	4019466.64	9.03460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.385E-04	0.00E+00
229	ALL	301095.39	4019478.87	9.41900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.615E-04	0.00E+00
230	ALL	301187.42	4019531.69	1.00410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.985E-04	0.00E+00
231	ALL	301235.70	4019599.43	1.03610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.176E-04	0.00E+00
232	ALL	301044.61	4019429.94	7.34000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.375E-04	0.00E+00
233	ALL	301093.74	4019441.13	7.72630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.606E-04	0.00E+00
234	ALL	301186.49	4019472.08	7.92530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.724E-04	0.00E+00
235	ALL	301230.51	4019510.87	8.22490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.903E-04	0.00E+00
236	ALL	301235.87	4019583.96	9.97640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.947E-04	0.00E+00
237	ALL	301093.68	4019415.39	6.78730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.046E-04	0.00E+00
238	ALL	301137.19	4019434.79	7.23920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.315E-04	0.00E+00
239	ALL	301283.01	4019529.56	7.40420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.414E-04	0.00E+00
240	ALL	301285.72	4019640.74	8.98290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.355E-04	0.00E+00
241	ALL	301329.23	4019637.28	7.45800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.446E-04	0.00E+00
242	ALL	301227.43	4019353.11	4.75590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.835E-04	0.00E+00
243	ALL	301263.17	4019366.54	4.77580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.847E-04	0.00E+00
244	ALL	301314.76	4019414.70	5.05350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.012E-04	0.00E+00
245	ALL	301316.12	4019452.95	5.57600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.324E-04	0.00E+00
246	ALL	301366.65	4019490.32	5.31680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.169E-04	0.00E+00
247	ALL	301369.60	4019528.11	5.61960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.350E-04	0.00E+00
248	ALL	301371.17	4019564.43	5.88480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.508E-04	0.00E+00
249	ALL	301374.01	4019601.07	6.06980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.618E-04	0.00E+00
250	ALL	301408.76	4019617.18	5.43150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.238E-04	0.00E+00
251	ALL	301045.49	4019186.04	2.46590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.470E-04	0.00E+00
252	ALL	301081.23	4019199.46	2.68320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.599E-04	0.00E+00
253	ALL	301116.97	4019212.89	2.88550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.720E-04	0.00E+00
254	ALL	301152.71	4019226.31	3.07160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.831E-04	0.00E+00
255	ALL	301188.45	4019239.74	3.23520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.929E-04	0.00E+00
256	ALL	301383.00	4019341.60	3.71280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.213E-04	0.00E+00
257	ALL	301398.85	4019376.34	3.90300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.327E-04	0.00E+00
258	ALL	301414.70	4019411.07	4.05540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.417E-04	0.00E+00
259	ALL	301452.76	4019453.56	3.98950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.378E-04	0.00E+00
260	ALL	301446.39	4019480.55	4.21350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.512E-04	0.00E+00
261	ALL	301462.24	4019515.28	4.19830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.503E-04	0.00E+00
262	ALL	301478.08	4019550.02	4.13560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.465E-04	0.00E+00
263	ALL	301493.93	4019584.75	4.02480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.399E-04	0.00E+00
264	ALL	301491.98	4019628.92	4.12190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.457E-04	0.00E+00
265	ALL	301035.67	4019083.46	1.70880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.019E-04	0.00E+00
266	ALL	301185.21	4019139.79	2.30740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.375E-04	0.00E+00
267	ALL	301363.92	4019206.92	2.70350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.612E-04	0.00E+00
268	ALL	301399.66	4019220.35	2.70660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.613E-04	0.00E+00
269	ALL	301498.78	4019372.71	3.17680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.894E-04	0.00E+00
270	ALL	301514.63	4019407.45	3.23340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.927E-04	0.00E+00
271	ALL	301530.48	4019442.19	3.25490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.940E-04	0.00E+00
272	ALL	301546.32	4019476.92	3.23430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.928E-04	0.00E+00
273	ALL	301562.17	4019511.66	3.18560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.899E-04	0.00E+00
274	ALL	301578.02	4019546.39	3.10660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.852E-04	0.00E+00
275	ALL	301593.86	4019581.13	3.00250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.790E-04	0.00E+00
276	ALL	301609.71	4019615.86	2.88770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.721E-04	0.00E+00
277	ALL	301039.00	4018986.14	1.28000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.630E-05	0.00E+00
278	ALL	301074.75	4018999.57	1.38660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.265E-05	0.00E+00
279	ALL	301114.96	4019030.14	1.57490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.388E-05	0.00E+00
280	ALL	301150.70	4019028.28	1.60930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.593E-05	0.00E+00
281	ALL	301192.41	4019027.54	1.64680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.816E-05	0.00E+00
282	ALL	301217.71	4019053.27	1.79370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.069E-04	0.00E+00
283	ALL	301253.45	4019066.70	1.88410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.123E-04	0.00E+00

284	ALL	301289.19	4019080.12	1.96470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.171E-04	0.00E+00
285	ALL	301324.93	4019093.55	2.03260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.212E-04	0.00E+00
286	ALL	301360.68	4019106.97	2.08640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.244E-04	0.00E+00
287	ALL	301396.42	4019120.40	2.12500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.267E-04	0.00E+00
288	ALL	301432.16	4019133.82	2.14650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.280E-04	0.00E+00
289	ALL	301467.90	4019147.25	2.15110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.282E-04	0.00E+00
290	ALL	301551.18	4019264.88	2.43330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.450E-04	0.00E+00
291	ALL	301567.03	4019299.62	2.50150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.491E-04	0.00E+00
292	ALL	301582.87	4019334.35	2.55330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.522E-04	0.00E+00
293	ALL	301598.72	4019369.09	2.58360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.540E-04	0.00E+00
294	ALL	301614.57	4019403.82	2.58950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.544E-04	0.00E+00
295	ALL	301630.41	4019438.56	2.57040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.532E-04	0.00E+00
296	ALL	301646.26	4019473.30	2.53350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.510E-04	0.00E+00
297	ALL	301662.10	4019508.03	2.47780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.477E-04	0.00E+00
298	ALL	301677.95	4019542.77	2.40560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.434E-04	0.00E+00
299	ALL	301693.80	4019577.50	2.32120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.384E-04	0.00E+00
300	ALL	301709.64	4019612.24	2.24220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.337E-04	0.00E+00
301	ALL	301003.26	4018972.72	1.17420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.999E-05	0.00E+00
302	ALL	300963.76	4018974.00	1.10830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.606E-05	0.00E+00
303	ALL	300924.25	4018975.28	1.03890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.193E-05	0.00E+00
304	ALL	300884.75	4018976.56	9.68150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.771E-05	0.00E+00
305	ALL	300845.24	4018977.84	8.97400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.349E-05	0.00E+00
306	ALL	300805.74	4018979.12	8.27640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.933E-05	0.00E+00
307	ALL	300766.23	4018980.40	7.59770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.529E-05	0.00E+00
308	ALL	300726.73	4018981.68	6.95240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.144E-05	0.00E+00
309	ALL	300687.22	4018982.97	6.35670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.789E-05	0.00E+00
310	ALL	300647.72	4018984.25	5.81650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.467E-05	0.00E+00
311	ALL	300608.21	4018985.53	5.32450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.174E-05	0.00E+00
312	ALL	301031.96	4018881.76	9.62980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.740E-05	0.00E+00
313	ALL	301048.69	4018878.39	9.75060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.812E-05	0.00E+00
314	ALL	301106.61	4018920.02	1.15240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.869E-05	0.00E+00
315	ALL	301143.30	4018920.13	1.18950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.090E-05	0.00E+00
316	ALL	301184.12	4018943.70	1.30240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.763E-05	0.00E+00
317	ALL	301214.47	4018953.32	1.36050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.110E-05	0.00E+00
318	ALL	301250.21	4018966.75	1.43420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.549E-05	0.00E+00
319	ALL	301285.95	4018980.17	1.50370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.963E-05	0.00E+00
320	ALL	301321.69	4018993.60	1.56730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.343E-05	0.00E+00
321	ALL	301357.43	4019007.03	1.62340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.677E-05	0.00E+00
322	ALL	301393.18	4019020.45	1.67070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.959E-05	0.00E+00
323	ALL	301428.92	4019033.88	1.70720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.018E-04	0.00E+00
324	ALL	301464.66	4019047.30	1.73360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.033E-04	0.00E+00
325	ALL	301500.40	4019060.73	1.74860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.042E-04	0.00E+00
326	ALL	301536.14	4019074.15	1.75060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.044E-04	0.00E+00
327	ALL	301587.73	4019122.31	1.82220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.086E-04	0.00E+00
328	ALL	301603.57	4019157.05	1.89670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.131E-04	0.00E+00
329	ALL	301619.42	4019191.79	1.96390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.171E-04	0.00E+00
330	ALL	301635.27	4019226.52	2.02070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.205E-04	0.00E+00
331	ALL	301651.11	4019261.26	2.06560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.231E-04	0.00E+00
332	ALL	301666.96	4019295.99	2.09700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.250E-04	0.00E+00
333	ALL	301682.81	4019330.73	2.11300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.260E-04	0.00E+00
334	ALL	301698.65	4019365.46	2.11060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.258E-04	0.00E+00
335	ALL	301714.50	4019400.20	2.09670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.250E-04	0.00E+00
336	ALL	301730.35	4019434.93	2.07090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.235E-04	0.00E+00
337	ALL	301746.19	4019469.67	2.03940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.216E-04	0.00E+00
338	ALL	301762.04	4019504.41	2.00660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.196E-04	0.00E+00
339	ALL	301777.88	4019539.14	1.97130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.175E-04	0.00E+00
340	ALL	301783.82	4019561.49	1.95910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.168E-04	0.00E+00
341	ALL	301000.02	4018872.77	9.02170E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.378E-05	0.00E+00
342	ALL	300960.52	4018874.05	8.52840E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.084E-05	0.00E+00
343	ALL	300921.01	4018875.33	8.01670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.779E-05	0.00E+00
344	ALL	300881.51	4018876.61	7.50010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.471E-05	0.00E+00
345	ALL	300842.00	4018877.89	6.98470E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.164E-05	0.00E+00
346	ALL	300802.50	4018879.18	6.47280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.858E-05	0.00E+00
347	ALL	300762.99	4018880.46	5.97080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.559E-05	0.00E+00
348	ALL	300723.49	4018881.74	5.49660E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.277E-05	0.00E+00
349	ALL	300683.98	4018883.02	5.07140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.023E-05	0.00E+00
350	ALL	300644.48	4018884.30	4.70030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.802E-05	0.00E+00
351	ALL	300604.97	4018885.58	4.37300E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.607E-05	0.00E+00
352	ALL	301032.52	4018786.25	7.71180E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.597E-05	0.00E+00
353	ALL	301068.26	4018799.67	8.28440E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.938E-05	0.00E+00
354	ALL	301104.01	4018813.10	8.85740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.280E-05	0.00E+00
355	ALL	301139.75	4018826.52	9.42740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.620E-05	0.00E+00
356	ALL	301175.49	4018839.95	9.99940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.961E-05	0.00E+00
357	ALL	301211.23	4018853.38	1.05780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.306E-05	0.00E+00
358	ALL	301246.97	4018866.80	1.11600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.652E-05	0.00E+00
359	ALL	301282.71	4018880.23	1.17340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.995E-05	0.00E+00
360	ALL	301318.45	4018893.65	1.22820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.321E-05	0.00E+00
361	ALL	301354.19	4018907.08	1.27910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.625E-05	0.00E+00
362	ALL	301389.93	4018920.50	1.32520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.899E-05	0.00E+00
363	ALL	301425.68	4018933.93	1.36550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.140E-05	0.00E+00
364	ALL	301461.42	4018947.35	1.39920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.341E-05	0.00E+00
365	ALL	301497.16	4018960.78	1.42570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.499E-05	0.00E+00
366	ALL	301532.90	4018974.20	1.44420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.608E-05	0.00E+00
367	ALL	301568.64	4018987.63	1.45460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.671E-05	0.00E+00
368	ALL	301604.38	4019001.06	1.45710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.686E-05	0.00E+00
369	ALL	301655.97	4019049.22	1.51120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.008E-05	0.00E+00
370	ALL	301671.82	4019083.95	1.56940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.355E-05	0.00E+00
371	ALL	301687.66	4019118.69	1.62190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.668E-05	0.00E+00
372	ALL	301703.51	4019153.42	1.66750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.940E-05	0.00E+00
373	ALL	301719.36	4019188.16	1.70550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.017E-04	0.00E+00
374	ALL	301735.20	4019222.90	1.73480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.034E-04	0.00E+00
375	ALL	301751.05	4019257.63	1.75250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.045E-04	0.00E+00
376	ALL	301766.89	4019292.37	1.76070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.050E-04	0.00E+00
377	ALL	301782.74	4019327.10	1.75950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.049E-04	0.00E+00
378	ALL	301838.35	4019417.19	1.72510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.028E-04	0.00E+00
379	ALL	301846.13	4019466.05	1.77460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.058E-04	0.00E+00
380	ALL	301861.97	4019500.78	1.69400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.010E-04	0.00E+00
381	ALL	301877.82	4019535.52	1.61150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.606E-05	0.00E+00
382	ALL	301893.67	4019570.25	1.52870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.113E-05	0.00E+00
383	ALL	301909.51	4019604.99	1.44500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.613E-05	0.00E+00
384	ALL	300996.78	4018772.82	7.14630E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.260E-05	0.00E+00

385	ALL	300957.28	4018774.10	6.76920E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.035E-05	0.00E+00
386	ALL	300917.77	4018775.38	6.38200E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.804E-05	0.00E+00
387	ALL	300878.27	4018776.67	5.99200E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.572E-05	0.00E+00
388	ALL	300838.76	4018777.95	5.60130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.339E-05	0.00E+00
389	ALL	300799.26	4018779.23	5.21020E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.106E-05	0.00E+00
390	ALL	300759.75	4018780.51	4.82600E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.877E-05	0.00E+00
391	ALL	300720.25	4018781.79	4.46410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.661E-05	0.00E+00
392	ALL	300680.74	4018783.07	4.14320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.470E-05	0.00E+00
393	ALL	300641.24	4018784.35	3.87140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.308E-05	0.00E+00
394	ALL	300601.73	4018785.63	3.64110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.170E-05	0.00E+00
395	ALL	299944.83	4019657.16	5.58850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.331E-05	0.00E+00
396	ALL	299958.73	4019622.06	5.07770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.027E-05	0.00E+00
397	ALL	299972.63	4019586.96	4.61950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.754E-05	0.00E+00
398	ALL	299986.53	4019551.86	4.22880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.521E-05	0.00E+00
399	ALL	300000.42	4019516.75	3.90720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.329E-05	0.00E+00
400	ALL	300014.32	4019481.65	3.65190E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.177E-05	0.00E+00
401	ALL	300028.22	4019446.55	3.45110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.057E-05	0.00E+00
402	ALL	300042.12	4019411.45	3.28870E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.960E-05	0.00E+00
403	ALL	300056.02	4019376.34	3.15370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.880E-05	0.00E+00
404	ALL	300069.91	4019341.24	3.04010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.812E-05	0.00E+00
405	ALL	300083.81	4019306.14	2.93870E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.752E-05	0.00E+00
406	ALL	300097.71	4019271.04	2.83500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.690E-05	0.00E+00
407	ALL	300111.61	4019235.93	2.71910E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.621E-05	0.00E+00
408	ALL	300159.98	4019185.45	2.59120E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.545E-05	0.00E+00
409	ALL	300194.46	4019170.07	2.59810E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.549E-05	0.00E+00
410	ALL	300228.94	4019154.69	2.63020E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.568E-05	0.00E+00
411	ALL	300263.42	4019139.32	2.70940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.615E-05	0.00E+00
412	ALL	300297.90	4019123.94	2.85230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.700E-05	0.00E+00
413	ALL	300332.38	4019108.56	3.05980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.824E-05	0.00E+00
414	ALL	300366.86	4019093.18	3.31380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.975E-05	0.00E+00
415	ALL	300401.34	4019077.80	3.58960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.140E-05	0.00E+00
416	ALL	300435.82	4019062.42	3.87450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.310E-05	0.00E+00
417	ALL	300470.30	4019047.04	4.16760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.484E-05	0.00E+00
418	ALL	300504.78	4019031.66	4.46700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.663E-05	0.00E+00
419	ALL	300539.26	4019016.29	4.76540E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.841E-05	0.00E+00
420	ALL	300573.73	4019000.91	5.05340E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.012E-05	0.00E+00
421	ALL	299930.94	4019692.26	6.11190E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.643E-05	0.00E+00
422	ALL	299931.32	4019730.51	6.81040E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.060E-05	0.00E+00
423	ALL	299931.71	4019768.75	7.48980E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.465E-05	0.00E+00
424	ALL	299932.10	4019807.00	8.17720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.874E-05	0.00E+00
425	ALL	299932.49	4019845.24	8.94230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.330E-05	0.00E+00
426	ALL	299932.88	4019883.48	9.86010E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.878E-05	0.00E+00
427	ALL	299933.27	4019921.73	1.09610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.534E-05	0.00E+00
428	ALL	299933.65	4019959.97	1.22010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.273E-05	0.00E+00
429	ALL	299934.04	4019998.21	1.34760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.033E-05	0.00E+00
430	ALL	299934.43	4020036.46	1.46680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.744E-05	0.00E+00
431	ALL	299934.82	4020074.70	1.57000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.359E-05	0.00E+00
432	ALL	299935.21	4020112.94	1.65470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.863E-05	0.00E+00
433	ALL	299844.84	4019658.18	4.90030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.921E-05	0.00E+00
434	ALL	299858.74	4019623.07	4.48620E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.674E-05	0.00E+00
435	ALL	299872.63	4019587.97	4.10090E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.445E-05	0.00E+00
436	ALL	299886.53	4019552.87	3.75760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.240E-05	0.00E+00
437	ALL	299900.43	4019517.77	3.45960E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.062E-05	0.00E+00
438	ALL	299914.33	4019482.67	3.21150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.914E-05	0.00E+00
439	ALL	299928.23	4019447.56	3.01430E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.797E-05	0.00E+00
440	ALL	299942.12	4019412.46	2.86020E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.705E-05	0.00E+00
441	ALL	299956.02	4019377.36	2.73670E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.631E-05	0.00E+00
442	ALL	299969.92	4019342.26	2.63570E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.571E-05	0.00E+00
443	ALL	299983.82	4019307.15	2.55220E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.521E-05	0.00E+00
444	ALL	299997.71	4019272.05	2.48340E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.480E-05	0.00E+00
445	ALL	300011.61	4019236.95	2.41830E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.442E-05	0.00E+00
446	ALL	300025.51	4019201.85	2.34650E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.399E-05	0.00E+00
447	ALL	300039.41	4019166.74	2.25950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.347E-05	0.00E+00
448	ALL	300087.78	4019116.26	2.14240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.277E-05	0.00E+00
449	ALL	300122.26	4019100.88	2.12370E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.266E-05	0.00E+00
450	ALL	300156.74	4019085.50	2.11420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.260E-05	0.00E+00
451	ALL	300191.22	4019070.13	2.13130E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.270E-05	0.00E+00
452	ALL	300225.70	4019054.75	2.19380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.308E-05	0.00E+00
453	ALL	300260.18	4019039.37	2.31220E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.378E-05	0.00E+00
454	ALL	300294.66	4019023.99	2.48470E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.481E-05	0.00E+00
455	ALL	300329.14	4019008.61	2.69360E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.606E-05	0.00E+00
456	ALL	300363.62	4018993.23	2.91680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.739E-05	0.00E+00
457	ALL	300398.10	4018977.85	3.14260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.873E-05	0.00E+00
458	ALL	300432.58	4018962.47	3.36940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.009E-05	0.00E+00
459	ALL	300467.06	4018947.10	3.59640E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.144E-05	0.00E+00
460	ALL	300501.53	4018931.72	3.81700E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.275E-05	0.00E+00
461	ALL	300536.01	4018916.34	4.02330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.398E-05	0.00E+00
462	ALL	300570.49	4018900.96	4.20770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.508E-05	0.00E+00
463	ALL	299830.94	4019693.28	5.31680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.169E-05	0.00E+00
464	ALL	299831.33	4019731.52	5.86770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.498E-05	0.00E+00
465	ALL	299831.72	4019769.77	6.39880E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.814E-05	0.00E+00
466	ALL	299832.11	4019808.01	6.91740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.123E-05	0.00E+00
467	ALL	299832.49	4019846.25	7.46060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.447E-05	0.00E+00
468	ALL	299832.88	4019884.50	8.08250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.818E-05	0.00E+00
469	ALL	299833.27	4019922.74	8.82950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.263E-05	0.00E+00
470	ALL	299833.66	4019960.99	9.71220E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.789E-05	0.00E+00
471	ALL	299834.05	4019999.23	1.06850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.369E-05	0.00E+00
472	ALL	299834.43	4020037.47	1.16610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.951E-05	0.00E+00
473	ALL	299834.82	4020075.72	1.25630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.488E-05	0.00E+00
474	ALL	299835.21	4020113.96	1.33560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.961E-05	0.00E+00
475	ALL	299744.84	4019659.19	4.34840E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.592E-05	0.00E+00
476	ALL	299758.74	4019624.09	4.00920E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.390E-05	0.00E+00
477	ALL	299772.64	4019588.99	3.69150E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.201E-05	0.00E+00
478	ALL	299786.54	4019553.89	3.39890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.026E-05	0.00E+00
479	ALL	299800.43	4019518.78	3.13350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.868E-05	0.00E+00
480	ALL	299814.33	4019483.68	2.89840E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.728E-05	0.00E+00
481	ALL	299828.23	4019448.58	2.69940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.609E-05	0.00E+00
482	ALL	299842.13	4019413.48	2.54080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.515E-05	0.00E+00
483	ALL	299856.03	4019378.37	2.41720E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.441E-05	0.00E+00
484	ALL	299869.92	4019343.27	2.31850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.382E-05	0.00E+00
485	ALL	299883.82	4019308.17	2.23830E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.334E-05	0.00E+00

486	ALL	299897.72	4019273.07	2.17360E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.296E-05	0.00E+00
487	ALL	299911.62	4019237.96	2.12330E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.266E-05	0.00E+00
488	ALL	299925.51	4019202.86	2.08140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.241E-05	0.00E+00
489	ALL	299939.41	4019167.76	2.03890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.215E-05	0.00E+00
490	ALL	299953.31	4019132.66	1.98690E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.184E-05	0.00E+00
491	ALL	299967.21	4019097.55	1.91860E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.144E-05	0.00E+00
492	ALL	300015.58	4019047.07	1.81360E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.081E-05	0.00E+00
493	ALL	300050.06	4019031.69	1.78480E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.064E-05	0.00E+00
494	ALL	300084.54	4019016.31	1.75680E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.047E-05	0.00E+00
495	ALL	300119.02	4019000.94	1.74250E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.039E-05	0.00E+00
496	ALL	300153.50	4018985.56	1.75620E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.047E-05	0.00E+00
497	ALL	300187.98	4018970.18	1.81240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.080E-05	0.00E+00
498	ALL	300222.46	4018954.80	1.91770E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.143E-05	0.00E+00
499	ALL	300256.94	4018939.42	2.06710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.232E-05	0.00E+00
500	ALL	300291.42	4018924.04	2.24380E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.338E-05	0.00E+00
501	ALL	300325.90	4018908.66	2.43000E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.449E-05	0.00E+00
502	ALL	300360.38	4018893.28	2.61500E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.559E-05	0.00E+00
503	ALL	300394.86	4018877.91	2.79740E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.668E-05	0.00E+00
504	ALL	300429.34	4018862.53	2.97580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.774E-05	0.00E+00
505	ALL	300463.81	4018847.15	3.14580E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.875E-05	0.00E+00
506	ALL	300498.29	4018831.77	3.29970E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.967E-05	0.00E+00
507	ALL	300532.77	4018816.39	3.43120E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.045E-05	0.00E+00
508	ALL	300567.25	4018801.01	3.54180E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.111E-05	0.00E+00
509	ALL	299730.95	4019694.29	4.68790E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.794E-05	0.00E+00
510	ALL	299731.33	4019732.54	5.13730E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.062E-05	0.00E+00
511	ALL	299731.72	4019770.78	5.56790E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.319E-05	0.00E+00
512	ALL	299732.11	4019809.03	5.97350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.561E-05	0.00E+00
513	ALL	299732.50	4019847.27	6.37420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.800E-05	0.00E+00
514	ALL	299732.89	4019885.51	6.80930E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.059E-05	0.00E+00
515	ALL	299733.28	4019923.76	7.32310E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.365E-05	0.00E+00
516	ALL	299733.66	4019962.00	7.94280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.735E-05	0.00E+00
517	ALL	299734.05	4020000.24	8.65950E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.162E-05	0.00E+00
518	ALL	299734.44	4020038.49	9.42910E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.621E-05	0.00E+00
519	ALL	299734.83	4020076.73	1.01960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.078E-05	0.00E+00
520	ALL	299735.22	4020114.97	1.09210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.510E-05	0.00E+00
521	ALL	300542.78	4020358.41	6.02800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.593E-04	0.00E+00
522	ALL	300515.47	4020364.89	5.68610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.389E-04	0.00E+00
523	ALL	300458.48	4020365.74	5.20920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.105E-04	0.00E+00
524	ALL	300605.86	4020457.77	4.38690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.615E-04	0.00E+00
525	ALL	300544.74	4020446.21	4.43770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.645E-04	0.00E+00
526	ALL	300498.64	4020406.85	4.85980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.897E-04	0.00E+00
527	ALL	300467.58	4020408.07	4.67450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.786E-04	0.00E+00
528	ALL	300436.14	4020410.41	4.46050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.659E-04	0.00E+00
529	ALL	300407.85	4020410.49	4.28110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.552E-04	0.00E+00
530	ALL	300576.01	4020575.01	2.95600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.762E-04	0.00E+00
531	ALL	300592.39	4020627.40	2.52790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.507E-04	0.00E+00
532	ALL	300608.76	4020595.80	2.76950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.651E-04	0.00E+00
533	ALL	300622.58	4020569.31	3.00200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.790E-04	0.00E+00
534	ALL	300587.85	4020546.65	3.22860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.925E-04	0.00E+00
535	ALL	300338.09	4020496.78	3.23130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.926E-04	0.00E+00
536	ALL	300318.65	4020530.60	2.95630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.762E-04	0.00E+00
537	ALL	300286.81	4020415.64	3.43410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.047E-04	0.00E+00
538	ALL	300624.04	4020683.71	2.15830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.287E-04	0.00E+00
539	ALL	300595.98	4020669.14	2.25120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.342E-04	0.00E+00
540	ALL	300545.81	4020627.70	2.53640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.512E-04	0.00E+00
541	ALL	300505.97	4020650.71	2.38800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.424E-04	0.00E+00
542	ALL	300470.29	4020651.68	2.38680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.423E-04	0.00E+00
543	ALL	300433.96	4020655.53	2.36140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.408E-04	0.00E+00
544	ALL	300397.00	4020653.31	2.36500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.410E-04	0.00E+00
545	ALL	300368.02	4020580.83	2.76800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.650E-04	0.00E+00
546	ALL	300302.63	4020587.87	2.60740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.554E-04	0.00E+00
547	ALL	300633.07	4020709.78	2.01600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.202E-04	0.00E+00
548	ALL	300625.68	4020724.15	1.94710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.161E-04	0.00E+00
549	ALL	300599.50	4020731.01	1.92060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.145E-04	0.00E+00
550	ALL	300581.96	4020719.83	1.97850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.179E-04	0.00E+00
551	ALL	300553.91	4020709.40	2.03870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.215E-04	0.00E+00
552	ALL	300404.70	4020694.74	2.14830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.281E-04	0.00E+00
553	ALL	300359.75	4020672.08	2.25120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.342E-04	0.00E+00
554	ALL	300326.94	4020684.87	2.17380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.296E-04	0.00E+00
555	ALL	300280.71	4020661.58	2.23470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.332E-04	0.00E+00
556	ALL	300241.51	4020667.02	2.16070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.288E-04	0.00E+00
557	ALL	300203.45	4020652.07	2.14670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.280E-04	0.00E+00
558	ALL	300184.01	4020613.00	2.22190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.325E-04	0.00E+00
559	ALL	300164.58	4020573.93	2.27520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.356E-04	0.00E+00
560	ALL	300145.14	4020534.87	2.30640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.375E-04	0.00E+00
561	ALL	300125.70	4020495.80	2.31940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.383E-04	0.00E+00
562	ALL	300106.26	4020456.73	2.32200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.384E-04	0.00E+00
563	ALL	300086.82	4020417.67	2.32220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.384E-04	0.00E+00
564	ALL	300067.39	4020378.60	2.32210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.384E-04	0.00E+00
565	ALL	300047.95	4020339.53	2.30970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.377E-04	0.00E+00
566	ALL	300028.51	4020300.47	2.26490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.350E-04	0.00E+00
567	ALL	300009.07	4020261.40	2.17680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.298E-04	0.00E+00
568	ALL	299989.63	4020222.33	2.05430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.225E-04	0.00E+00
569	ALL	299970.19	4020183.27	1.91550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.142E-04	0.00E+00
570	ALL	300813.12	4020860.16	1.36450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.134E-05	0.00E+00
571	ALL	300826.57	4020845.49	1.39490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.315E-05	0.00E+00
572	ALL	300836.04	4020827.72	1.43800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.572E-05	0.00E+00
573	ALL	300815.88	4020797.12	1.55030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.241E-05	0.00E+00
574	ALL	300626.91	4020866.40	1.42250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.479E-05	0.00E+00
575	ALL	300589.31	4020872.17	1.41100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.411E-05	0.00E+00
576	ALL	300589.72	4020849.82	1.47540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.795E-05	0.00E+00
577	ALL	300529.76	4020826.84	1.55910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.294E-05	0.00E+00
578	ALL	300485.77	4020802.90	1.65780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.882E-05	0.00E+00
579	ALL	300436.03	4020790.46	1.72410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.028E-04	0.00E+00
580	ALL	300401.94	4020794.00	1.72270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.027E-04	0.00E+00
581	ALL	300342.94	4020793.05	1.74110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.038E-04	0.00E+00
582	ALL	300306.29	4020797.23	1.72940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.031E-04	0.00E+00
583	ALL	300265.82	4020764.02	1.83590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.094E-04	0.00E+00
584	ALL	300223.10	4020755.10	1.84240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.098E-04	0.00E+00
585	ALL	300180.39	4020746.17	1.83170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.092E-04	0.00E+00
586	ALL	300142.33	4020731.22	1.82130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.086E-04	0.00E+00

587	ALL	300122.90	4020692.15	1.87930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.120E-04	0.00E+00
588	ALL	300103.46	4020653.08	1.92100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.145E-04	0.00E+00
589	ALL	300084.02	4020614.02	1.94630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.160E-04	0.00E+00
590	ALL	300064.58	4020574.95	1.95700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.167E-04	0.00E+00
591	ALL	300045.14	4020535.88	1.95590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.166E-04	0.00E+00
592	ALL	300025.70	4020496.81	1.95070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.163E-04	0.00E+00
593	ALL	300006.27	4020457.75	1.94800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.161E-04	0.00E+00
594	ALL	299986.83	4020418.68	1.94910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.162E-04	0.00E+00
595	ALL	299967.39	4020379.61	1.94580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.160E-04	0.00E+00
596	ALL	299947.95	4020340.55	1.92240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.146E-04	0.00E+00
597	ALL	299928.51	4020301.48	1.86750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.113E-04	0.00E+00
598	ALL	299909.08	4020262.41	1.78180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.062E-04	0.00E+00
599	ALL	299889.64	4020223.35	1.67560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.988E-05	0.00E+00
600	ALL	299870.20	4020184.28	1.55930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.295E-05	0.00E+00
601	ALL	300845.39	4020977.06	1.08590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.473E-05	0.00E+00
602	ALL	300802.68	4020968.14	1.12520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.707E-05	0.00E+00
603	ALL	300759.96	4020959.21	1.16240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.929E-05	0.00E+00
604	ALL	300534.90	4020871.78	1.41980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.463E-05	0.00E+00
605	ALL	300504.33	4020877.54	1.41110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.411E-05	0.00E+00
606	ALL	300438.30	4020874.69	1.44290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.601E-05	0.00E+00
607	ALL	300407.72	4020880.14	1.44030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.585E-05	0.00E+00
608	ALL	300407.17	4020858.11	1.50500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.971E-05	0.00E+00
609	ALL	300341.14	4020880.49	1.46450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.729E-05	0.00E+00
610	ALL	300290.12	4020861.02	1.53270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.136E-05	0.00E+00
611	ALL	300247.41	4020852.10	1.56180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.309E-05	0.00E+00
612	ALL	300204.70	4020843.17	1.58120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.425E-05	0.00E+00
613	ALL	300161.99	4020834.25	1.58880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.470E-05	0.00E+00
614	ALL	300119.27	4020825.32	1.57990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.417E-05	0.00E+00
615	ALL	300081.21	4020810.36	1.57210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.371E-05	0.00E+00
616	ALL	300061.78	4020771.30	1.61760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.642E-05	0.00E+00
617	ALL	300042.34	4020732.23	1.65080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.840E-05	0.00E+00
618	ALL	300022.90	4020693.16	1.67240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.969E-05	0.00E+00
619	ALL	300003.46	4020654.10	1.68190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.003E-04	0.00E+00
620	ALL	299984.02	4020615.03	1.68110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.002E-04	0.00E+00
621	ALL	299964.59	4020575.96	1.67390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.978E-05	0.00E+00
622	ALL	299945.15	4020536.90	1.66600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.931E-05	0.00E+00
623	ALL	299925.71	4020497.83	1.66250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.910E-05	0.00E+00
624	ALL	299906.27	4020458.76	1.66460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.922E-05	0.00E+00
625	ALL	299886.83	4020419.70	1.66640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.933E-05	0.00E+00
626	ALL	299867.40	4020380.63	1.65670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.875E-05	0.00E+00
627	ALL	299847.96	4020341.56	1.62430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.682E-05	0.00E+00
628	ALL	299828.52	4020302.50	1.56590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.334E-05	0.00E+00
629	ALL	299809.08	4020263.43	1.48580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.856E-05	0.00E+00
630	ALL	299789.64	4020224.36	1.39160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.295E-05	0.00E+00
631	ALL	299770.20	4020185.30	1.28900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.684E-05	0.00E+00
632	ALL	301049.38	4020114.95	1.80630E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.077E-03	0.00E+00
633	ALL	301054.18	4020208.43	7.88890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.702E-04	0.00E+00
634	ALL	301059.68	4020263.17	5.69290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.394E-04	0.00E+00
635	ALL	301063.36	4020307.35	4.60050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.742E-04	0.00E+00
636	ALL	301063.99	4020382.64	3.45570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.060E-04	0.00E+00
637	ALL	300560.27	4020605.01	2.70390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.612E-04	0.00E+00
638	ALL	300712.86	4020985.40	1.12820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.725E-05	0.00E+00
639	ALL	300752.58	4020983.48	1.11800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.664E-05	0.00E+00
640	ALL	300792.30	4020981.56	1.10480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.586E-05	0.00E+00
641	ALL	300217.98	4020149.97	3.55050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.116E-04	0.00E+00
642	ALL	300224.74	4020134.89	3.59490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.143E-04	0.00E+00
643	ALL	300224.22	4020262.30	3.60580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.149E-04	0.00E+00
644	ALL	300213.82	4020278.94	3.46700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.067E-04	0.00E+00
645	ALL	300202.90	4020312.23	3.27340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.951E-04	0.00E+00
646	ALL	300223.18	4020310.15	3.43840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.050E-04	0.00E+00
647	ALL	300200.30	4020364.75	3.07020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.830E-04	0.00E+00
648	ALL	300320.95	4020368.39	3.96770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.365E-04	0.00E+00
649	ALL	300301.19	4020309.11	4.15900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.479E-04	0.00E+00
650	ALL	300327.71	4020338.75	4.23180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.523E-04	0.00E+00
651	ALL	300371.10	4020438.93	3.80460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.268E-04	0.00E+00
652	ALL	300353.06	4020469.74	3.47650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.072E-04	0.00E+00
653	ALL	300322.63	4020403.99	3.74750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.234E-04	0.00E+00
654	ALL	300557.65	4020384.50	5.57100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.321E-04	0.00E+00
655	ALL	300573.81	4020407.05	5.19850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.099E-04	0.00E+00
656	ALL	300587.34	4020428.84	4.83880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.884E-04	0.00E+00
657	ALL	300619.27	4020480.70	4.04910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.414E-04	0.00E+00
658	ALL	300534.35	4020412.69	4.93440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.941E-04	0.00E+00
659	ALL	300542.25	4020422.83	4.79710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.860E-04	0.00E+00
660	ALL	300564.41	4020462.66	4.24040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.528E-04	0.00E+00
661	ALL	300571.55	4020488.21	3.89890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.324E-04	0.00E+00
662	ALL	300591.47	4020503.62	3.72030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.218E-04	0.00E+00
663	ALL	300281.36	4020590.95	2.54520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.517E-04	0.00E+00
664	ALL	300323.52	4020644.93	2.35810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.406E-04	0.00E+00
665	ALL	300339.49	4020656.74	2.31470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.380E-04	0.00E+00
666	ALL	300376.54	4020712.00	2.06540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.231E-04	0.00E+00
667	ALL	300390.91	4020725.09	2.00560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.196E-04	0.00E+00
668	ALL	300359.29	4020730.20	1.98440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.183E-04	0.00E+00
669	ALL	300374.63	4020742.02	1.93430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.153E-04	0.00E+00
670	ALL	300324.16	4020744.25	1.92310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.146E-04	0.00E+00
671	ALL	300312.34	4020734.99	1.95680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.166E-04	0.00E+00
672	ALL	300305.00	4020697.94	2.10390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.254E-04	0.00E+00
673	ALL	300316.50	4020709.76	2.06050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.228E-04	0.00E+00
674	ALL	300318.09	4020676.86	2.20410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.314E-04	0.00E+00
675	ALL	300336.30	4020692.51	2.14410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.278E-04	0.00E+00
676	ALL	300574.59	4020657.06	2.33150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.390E-04	0.00E+00
677	ALL	300528.89	4020689.60	2.15180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.283E-04	0.00E+00
678	ALL	300436.36	4020692.79	2.15650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.286E-04	0.00E+00
679	ALL	300466.60	4020694.17	2.14450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.278E-04	0.00E+00
680	ALL	300497.52	4020691.17	2.15260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.283E-04	0.00E+00
681	ALL	300359.21	4020591.55	2.68940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.603E-04	0.00E+00
682	ALL	300376.14	4020582.61	2.76880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.651E-04	0.00E+00
683	ALL	300368.47	4020567.27	2.85480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.702E-04	0.00E+00
684	ALL	300310.34	4020876.48	1.48460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.849E-05	0.00E+00
685	ALL	300307.14	4020858.28	1.53740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.164E-05	0.00E+00
686	ALL	300303.95	4020832.40	1.61580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.632E-05	0.00E+00
687	ALL	300307.46	4020815.79	1.66800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.943E-05	0.00E+00

688	ALL	300324.07	4020787.36	1.76290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.051E-04	0.00E+00
689	ALL	300343.24	4020821.22	1.64480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.804E-05	0.00E+00
690	ALL	300347.39	4020840.71	1.58110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.424E-05	0.00E+00
691	ALL	300338.45	4020859.23	1.52690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.102E-05	0.00E+00
692	ALL	300399.46	4020840.39	1.56360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.321E-05	0.00E+00
693	ALL	300384.12	4020823.78	1.62440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.683E-05	0.00E+00
694	ALL	300404.57	4020821.22	1.62520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.688E-05	0.00E+00
695	ALL	300395.62	4020809.40	1.66950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.951E-05	0.00E+00
696	ALL	300419.26	4020784.81	1.75160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.044E-04	0.00E+00
697	ALL	300440.98	4020811.00	1.64680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.816E-05	0.00E+00
698	ALL	300438.43	4020828.89	1.58600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.454E-05	0.00E+00
699	ALL	300443.54	4020853.48	1.50450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.968E-05	0.00E+00
700	ALL	300500.72	4020854.12	1.48090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.828E-05	0.00E+00
701	ALL	300494.01	4020835.60	1.54170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.190E-05	0.00E+00
702	ALL	300498.16	4020816.75	1.60370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.559E-05	0.00E+00
703	ALL	300494.65	4020792.47	1.69320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.009E-04	0.00E+00
704	ALL	300516.37	4020782.89	1.72190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.026E-04	0.00E+00
705	ALL	300529.78	4020791.19	1.68550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.005E-04	0.00E+00
706	ALL	300532.66	4020808.76	1.62030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.659E-05	0.00E+00
707	ALL	300535.21	4020851.25	1.48000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.822E-05	0.00E+00
708	ALL	300586.96	4020833.36	1.52660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.100E-05	0.00E+00
709	ALL	300593.35	4020814.51	1.58770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.464E-05	0.00E+00
710	ALL	300578.34	4020801.74	1.63470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.744E-05	0.00E+00
711	ALL	300589.52	4020785.45	1.69280E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.009E-04	0.00E+00
712	ALL	300602.93	4020778.74	1.71630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.023E-04	0.00E+00
713	ALL	300623.06	4020786.08	1.68490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.004E-04	0.00E+00
714	ALL	300625.93	4020807.17	1.60850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.588E-05	0.00E+00
715	ALL	300626.57	4020826.01	1.54530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.211E-05	0.00E+00
716	ALL	300629.45	4020845.50	1.48330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.842E-05	0.00E+00
717	ALL	300516.05	4020984.66	1.15560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.888E-05	0.00E+00
718	ALL	300532.59	4020986.54	1.15000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.855E-05	0.00E+00
719	ALL	300703.61	4020971.50	1.15810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.903E-05	0.00E+00
720	ALL	300818.62	4020935.80	1.18220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.047E-05	0.00E+00
721	ALL	301047.58	4020981.58	9.14410E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.451E-05	0.00E+00
722	ALL	300941.99	4020983.31	1.00850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.012E-05	0.00E+00
723	ALL	300900.45	4020912.34	1.17300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.992E-05	0.00E+00
724	ALL	301035.47	4020881.18	1.08970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.495E-05	0.00E+00
725	ALL	301151.44	4020839.63	1.01750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.065E-05	0.00E+00
726	ALL	300881.40	4020848.29	1.34070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.991E-05	0.00E+00
727	ALL	300969.69	4020834.44	1.27370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.592E-05	0.00E+00
728	ALL	301056.24	4020808.48	1.21050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.216E-05	0.00E+00
729	ALL	301130.67	4020780.78	1.15420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.880E-05	0.00E+00
730	ALL	301196.45	4020732.31	1.13330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.755E-05	0.00E+00
731	ALL	300886.82	4020793.66	1.49060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.885E-05	0.00E+00
732	ALL	300968.72	4020770.01	1.45040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.646E-05	0.00E+00
733	ALL	301026.95	4020742.71	1.43180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.535E-05	0.00E+00
734	ALL	301097.93	4020711.77	1.37610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.203E-05	0.00E+00
735	ALL	301167.09	4020669.91	1.32870E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.920E-05	0.00E+00
736	ALL	301212.58	4020635.33	1.29680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.730E-05	0.00E+00
737	ALL	301058.71	4019080.82	1.74220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.039E-04	0.00E+00
738	ALL	301076.69	4019081.26	1.77850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.060E-04	0.00E+00
739	ALL	301095.11	4019078.63	1.79500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.070E-04	0.00E+00
740	ALL	301114.41	4019081.26	1.83960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.097E-04	0.00E+00
741	ALL	301135.02	4019077.75	1.84730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.101E-04	0.00E+00
742	ALL	301153.44	4019079.94	1.88200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.122E-04	0.00E+00
743	ALL	301174.49	4019077.75	1.89140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.128E-04	0.00E+00
744	ALL	301195.98	4019072.05	1.87840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.120E-04	0.00E+00
745	ALL	301036.70	4019031.58	1.45640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.681E-05	0.00E+00
746	ALL	301029.43	4019004.38	1.33180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.939E-05	0.00E+00
747	ALL	301054.21	4019003.30	1.36950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.163E-05	0.00E+00
748	ALL	301057.71	4019032.12	1.49670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.922E-05	0.00E+00
749	ALL	301076.03	4019029.97	1.51750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.046E-05	0.00E+00
750	ALL	301095.69	4019028.62	1.54130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.187E-05	0.00E+00
751	ALL	301091.38	4019004.38	1.43000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.524E-05	0.00E+00
752	ALL	301110.51	4019000.88	1.44110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.590E-05	0.00E+00
753	ALL	301128.55	4019000.61	1.46190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.714E-05	0.00E+00
754	ALL	301130.98	4019029.97	1.59440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.504E-05	0.00E+00
755	ALL	301143.91	4018999.26	1.47360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.784E-05	0.00E+00
756	ALL	301174.89	4019029.97	1.64220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.789E-05	0.00E+00
757	ALL	301165.19	4019002.49	1.50930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.997E-05	0.00E+00
758	ALL	301186.74	4019001.15	1.52390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.084E-05	0.00E+00
759	ALL	301031.84	4018954.01	1.16050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.918E-05	0.00E+00
760	ALL	301031.21	4018928.66	1.08390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.461E-05	0.00E+00
761	ALL	301053.07	4018954.65	1.19380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.116E-05	0.00E+00
762	ALL	301073.67	4018952.43	1.21480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.241E-05	0.00E+00
763	ALL	301090.47	4018953.06	1.23840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.382E-05	0.00E+00
764	ALL	301104.10	4018951.48	1.24940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.448E-05	0.00E+00
765	ALL	301125.65	4018951.80	1.27460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.598E-05	0.00E+00
766	ALL	301144.34	4018951.80	1.29380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.712E-05	0.00E+00
767	ALL	301162.73	4018952.75	1.31480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.837E-05	0.00E+00
768	ALL	301182.69	4018926.44	1.24400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.416E-05	0.00E+00
769	ALL	301162.41	4018921.37	1.21070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.217E-05	0.00E+00
770	ALL	301124.06	4018921.05	1.17360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.996E-05	0.00E+00
771	ALL	301088.25	4018922.32	1.13880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.788E-05	0.00E+00
772	ALL	301067.02	4018923.27	1.11610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.653E-05	0.00E+00
773	ALL	301052.12	4018927.71	1.10980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.615E-05	0.00E+00
774	ALL	301068.28	4018877.64	9.95530E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.934E-05	0.00E+00
775	ALL	301086.03	4018875.10	1.00820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.010E-05	0.00E+00
776	ALL	301102.83	4018877.95	1.03230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.153E-05	0.00E+00
777	ALL	301123.11	4018874.15	1.04170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.210E-05	0.00E+00
778	ALL	301141.18	4018873.52	1.05600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.295E-05	0.00E+00
779	ALL	301159.56	4018873.20	1.07040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.381E-05	0.00E+00
780	ALL	301182.37	4018867.50	1.07330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.398E-05	0.00E+00
781	ALL	301052.73	4019725.24	5.21270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.107E-03	0.00E+00
782	ALL	301056.50	4019766.46	5.29720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.158E-03	0.00E+00
783	ALL	301056.23	4019802.30	5.47700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.265E-03	0.00E+00
784	ALL	301056.77	4019840.01	5.52780E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.295E-03	0.00E+00
785	ALL	301056.23	4019874.77	5.57940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.326E-03	0.00E+00
786	ALL	301057.31	4019911.95	5.44070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.243E-03	0.00E+00
787	ALL	301060.81	4019946.70	5.04160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.005E-03	0.00E+00
788	ALL	301056.50	4019989.27	4.96760E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.961E-03	0.00E+00

789	ALL	301095.83	4020014.06	2.51000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.496E-03	0.00E+00
790	ALL	301133.55	4020010.29	1.61880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.649E-04	0.00E+00
791	ALL	301103.38	4019955.86	2.80880E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.674E-03	0.00E+00
792	ALL	301164.54	4020008.67	1.20860E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.204E-04	0.00E+00
793	ALL	301200.10	4020004.09	9.25910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.519E-04	0.00E+00
794	ALL	301238.63	4020003.55	7.13160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.251E-04	0.00E+00
795	ALL	301128.16	4019959.91	2.09450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.249E-03	0.00E+00
796	ALL	301159.96	4019957.75	1.54600E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.215E-04	0.00E+00
797	ALL	301199.83	4019958.56	1.10940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.613E-04	0.00E+00
798	ALL	301238.89	4019959.91	8.39540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.004E-04	0.00E+00
799	ALL	301273.11	4019956.40	6.88360E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.103E-04	0.00E+00
800	ALL	301289.01	4019951.28	6.39480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.812E-04	0.00E+00
801	ALL	301333.19	4019937.27	5.29130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.154E-04	0.00E+00
802	ALL	301330.77	4019902.25	5.88570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.508E-04	0.00E+00
803	ALL	301329.96	4019867.76	6.38450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.806E-04	0.00E+00
804	ALL	301052.16	4019688.44	4.69870E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.801E-03	0.00E+00
805	ALL	301050.67	4019647.42	3.54000E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.110E-03	0.00E+00
806	ALL	301049.55	4019629.52	2.98960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.782E-03	0.00E+00
807	ALL	301046.94	4019594.09	2.18260E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.301E-03	0.00E+00
808	ALL	301048.06	4019557.17	1.62910E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.711E-04	0.00E+00
809	ALL	301044.70	4019537.40	1.41890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.458E-04	0.00E+00
810	ALL	301045.45	4019521.74	1.27420E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.595E-04	0.00E+00
811	ALL	301045.45	4019485.19	1.00940E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.017E-04	0.00E+00
812	ALL	301041.35	4019447.53	8.08990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.822E-04	0.00E+00
813	ALL	301037.99	4019407.25	6.48840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.868E-04	0.00E+00
814	ALL	301133.84	4019415.08	6.63100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.953E-04	0.00E+00
815	ALL	301094.68	4019454.61	8.28110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.936E-04	0.00E+00
816	ALL	301096.54	4019494.89	1.02720E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.123E-04	0.00E+00
817	ALL	301095.80	4019515.77	1.15700E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.897E-04	0.00E+00
818	ALL	301106.61	4019570.22	1.55060E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.243E-04	0.00E+00
819	ALL	301099.90	4019587.00	1.75070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.044E-03	0.00E+00
820	ALL	301097.66	4019626.91	2.24820E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.340E-03	0.00E+00
821	ALL	301098.41	4019642.94	2.44430E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.457E-03	0.00E+00
822	ALL	301104.37	4019685.83	2.77450E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.654E-03	0.00E+00
823	ALL	301142.04	4019682.47	2.07210E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.235E-03	0.00E+00
824	ALL	301145.40	4019604.90	1.57490E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.388E-04	0.00E+00
825	ALL	301143.16	4019585.14	1.46160E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.713E-04	0.00E+00
826	ALL	301142.41	4019566.86	1.34970E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.046E-04	0.00E+00
827	ALL	301142.04	4019551.57	1.25650E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.490E-04	0.00E+00
828	ALL	301141.29	4019529.94	1.13410E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.760E-04	0.00E+00
829	ALL	301141.29	4019511.30	1.03590E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.175E-04	0.00E+00
830	ALL	301140.17	4019491.53	9.43510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.624E-04	0.00E+00
831	ALL	301139.06	4019475.87	8.76710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.226E-04	0.00E+00
832	ALL	301132.72	4019452.75	7.91600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.719E-04	0.00E+00
833	ALL	301186.05	4019413.22	6.24230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.721E-04	0.00E+00
834	ALL	301184.18	4019437.46	6.90500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.116E-04	0.00E+00
835	ALL	301183.81	4019458.71	7.54000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.495E-04	0.00E+00
836	ALL	301187.16	4019492.65	8.60390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.129E-04	0.00E+00
837	ALL	301189.03	4019508.31	9.11930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.436E-04	0.00E+00
838	ALL	301189.03	4019547.47	1.06070E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.323E-04	0.00E+00
839	ALL	301191.27	4019567.24	1.12950E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.733E-04	0.00E+00
840	ALL	301192.01	4019586.26	1.19960E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.151E-04	0.00E+00
841	ALL	301189.78	4019606.77	1.29030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.691E-04	0.00E+00
842	ALL	301193.88	4019623.92	1.32770E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.914E-04	0.00E+00
843	ALL	301195.74	4019641.82	1.37400E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.190E-04	0.00E+00
844	ALL	301194.25	4019662.34	1.44610E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.620E-04	0.00E+00
845	ALL	301237.14	4019664.95	1.16270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.931E-04	0.00E+00
846	ALL	301237.51	4019622.06	1.07890E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.431E-04	0.00E+00
847	ALL	301231.83	4019552.48	9.31110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.550E-04	0.00E+00
848	ALL	301228.38	4019528.53	8.76370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.224E-04	0.00E+00
849	ALL	301230.24	4019486.76	7.59250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.526E-04	0.00E+00
850	ALL	301229.12	4019474.08	7.28760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.344E-04	0.00E+00
851	ALL	301229.87	4019448.34	6.64770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.963E-04	0.00E+00
852	ALL	301223.90	4019435.29	6.41530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.824E-04	0.00E+00
853	ALL	301230.61	4019414.77	5.89330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.513E-04	0.00E+00
854	ALL	301052.50	4019382.05	5.75110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.428E-04	0.00E+00
855	ALL	301082.74	4019373.80	5.56990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.320E-04	0.00E+00
856	ALL	301100.83	4019371.28	5.50690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.283E-04	0.00E+00
857	ALL	301122.59	4019371.28	5.48590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.270E-04	0.00E+00
858	ALL	301139.77	4019367.85	5.37160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.202E-04	0.00E+00
859	ALL	301157.87	4019370.14	5.37440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.204E-04	0.00E+00
860	ALL	301174.13	4019369.91	5.31150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.166E-04	0.00E+00
861	ALL	301195.20	4019368.99	5.20200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.101E-04	0.00E+00
862	ALL	301215.13	4019366.47	5.05490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.013E-04	0.00E+00
863	ALL	301230.48	4019368.76	5.01250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.988E-04	0.00E+00
864	ALL	301275.82	4020006.24	5.66470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.377E-04	0.00E+00
865	ALL	301311.56	4020006.70	4.68500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.793E-04	0.00E+00
866	ALL	301351.88	4020000.06	3.97520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.370E-04	0.00E+00
867	ALL	301366.77	4019998.68	3.74320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.231E-04	0.00E+00
868	ALL	301386.24	4019995.48	3.48590E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.078E-04	0.00E+00
869	ALL	301405.71	4019999.83	3.17960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.895E-04	0.00E+00
870	ALL	301327.84	4019794.22	7.24930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.321E-04	0.00E+00
871	ALL	301288.24	4019678.11	9.27600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.529E-04	0.00E+00
872	ALL	301325.93	4019677.59	7.85580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.683E-04	0.00E+00
873	ALL	301325.18	4019715.12	7.90800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.714E-04	0.00E+00
874	ALL	301374.79	4019717.75	6.34460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.782E-04	0.00E+00
875	ALL	301412.54	4019715.99	5.46450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.257E-04	0.00E+00
876	ALL	301377.21	4019731.42	6.18660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.688E-04	0.00E+00
877	ALL	301374.48	4019750.90	6.13390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.656E-04	0.00E+00
878	ALL	301409.14	4019750.65	5.30670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.163E-04	0.00E+00
879	ALL	301376.26	4019771.41	5.95110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.547E-04	0.00E+00
880	ALL	301328.27	4019754.97	7.52530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.486E-04	0.00E+00
881	ALL	301461.44	4019711.56	4.58610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.734E-04	0.00E+00
882	ALL	301378.14	4019677.06	6.35260E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.787E-04	0.00E+00
883	ALL	301372.48	4019656.30	6.38320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.805E-04	0.00E+00
884	ALL	301374.37	4019638.78	6.25630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.729E-04	0.00E+00
885	ALL	301410.49	4019637.43	5.46720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.259E-04	0.00E+00
886	ALL	301409.68	4019654.68	5.54090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.303E-04	0.00E+00
887	ALL	301372.48	4019619.91	6.20820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.701E-04	0.00E+00
888	ALL	301455.78	4019630.15	4.64840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.771E-04	0.00E+00
889	ALL	301458.48	4019650.91	4.64900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.771E-04	0.00E+00

890	ALL	301460.90	4019668.97	4.66100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.778E-04	0.00E+00
891	ALL	301493.25	4019668.43	4.18080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.492E-04	0.00E+00
892	ALL	301493.52	4019647.40	4.12570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.459E-04	0.00E+00
893	ALL	301495.41	4019711.49	4.07410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.429E-04	0.00E+00
894	ALL	301460.33	4019731.64	4.46130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.659E-04	0.00E+00
895	ALL	301498.40	4019730.89	3.90000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.325E-04	0.00E+00
896	ALL	301548.77	4019711.86	3.42030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.039E-04	0.00E+00
897	ALL	301548.03	4019747.31	3.22100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.920E-04	0.00E+00
898	ALL	301579.37	4019713.73	3.10110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.849E-04	0.00E+00
899	ALL	301579.37	4019730.52	2.99970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.788E-04	0.00E+00
900	ALL	301584.97	4019748.43	2.85900E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.704E-04	0.00E+00
901	ALL	301580.49	4019768.21	2.80750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.674E-04	0.00E+00
902	ALL	301550.26	4019821.57	2.83560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.690E-04	0.00E+00
903	ALL	301497.65	4019751.04	3.79560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.263E-04	0.00E+00
904	ALL	301463.69	4019751.04	4.29140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.558E-04	0.00E+00
905	ALL	301462.20	4019767.09	4.22240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.517E-04	0.00E+00
906	ALL	301498.40	4019769.33	3.68380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.196E-04	0.00E+00
907	ALL	301632.73	4019709.25	2.68920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.603E-04	0.00E+00
908	ALL	301633.09	4019745.12	2.49310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.486E-04	0.00E+00
909	ALL	301735.11	4019699.71	2.14070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.276E-04	0.00E+00
910	ALL	301688.12	4019704.75	2.35330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.403E-04	0.00E+00
911	ALL	301685.60	4019726.30	2.24100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.336E-04	0.00E+00
912	ALL	301690.42	4019743.26	2.14250E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.277E-04	0.00E+00
913	ALL	301380.15	4019933.47	4.29200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.558E-04	0.00E+00
914	ALL	301379.34	4019898.99	4.69950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.801E-04	0.00E+00
915	ALL	301377.23	4019825.45	5.50230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.280E-04	0.00E+00
916	ALL	301384.65	4019954.96	3.96540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.364E-04	0.00E+00
917	ALL	301383.29	4019917.50	4.41340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.631E-04	0.00E+00
918	ALL	301381.93	4019880.03	4.85050E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.891E-04	0.00E+00
919	ALL	301380.57	4019842.56	5.26380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.138E-04	0.00E+00
920	ALL	301381.45	4019863.63	5.03230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.000E-04	0.00E+00
921	ALL	301331.65	4019827.79	6.79770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.052E-04	0.00E+00
922	ALL	301374.79	4019811.29	5.68560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.389E-04	0.00E+00
923	ALL	301378.60	4019790.99	5.74960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.427E-04	0.00E+00
924	ALL	301465.31	4019786.32	4.05920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.420E-04	0.00E+00
925	ALL	301464.20	4019806.39	3.95070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.355E-04	0.00E+00
926	ALL	301467.56	4019825.80	3.77460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.250E-04	0.00E+00
927	ALL	301466.07	4019841.84	3.68950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.199E-04	0.00E+00
928	ALL	301467.24	4019861.70	3.53940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.110E-04	0.00E+00
929	ALL	301466.13	4019881.78	3.41450E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.035E-04	0.00E+00
930	ALL	301469.49	4019901.18	3.23480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.928E-04	0.00E+00
931	ALL	301468.00	4019917.23	3.13510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.869E-04	0.00E+00
932	ALL	301468.56	4019936.79	2.98510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.779E-04	0.00E+00
933	ALL	301467.45	4019956.86	2.84960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.699E-04	0.00E+00
934	ALL	301470.81	4019976.26	2.67820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.596E-04	0.00E+00
935	ALL	301469.32	4019992.31	2.57780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.537E-04	0.00E+00
936	ALL	301495.34	4019785.30	3.63540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.167E-04	0.00E+00
937	ALL	301494.24	4019805.38	3.53490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.107E-04	0.00E+00
938	ALL	301497.59	4019824.78	3.38160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.016E-04	0.00E+00
939	ALL	301496.10	4019840.83	3.30570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.971E-04	0.00E+00
940	ALL	301501.05	4019861.70	3.12440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.862E-04	0.00E+00
941	ALL	301499.94	4019881.78	3.01570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.798E-04	0.00E+00
942	ALL	301503.30	4019901.18	2.86240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.706E-04	0.00E+00
943	ALL	301501.81	4019917.23	2.77540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.654E-04	0.00E+00
944	ALL	301504.56	4019936.35	2.63130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.569E-04	0.00E+00
945	ALL	301503.46	4019956.42	2.51930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.502E-04	0.00E+00
946	ALL	301506.81	4019975.82	2.37640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.417E-04	0.00E+00
947	ALL	301505.32	4019991.87	2.29230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.366E-04	0.00E+00
948	ALL	301279.13	4019457.38	6.15600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.670E-04	0.00E+00
949	ALL	301278.02	4019477.45	6.54090E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.899E-04	0.00E+00
950	ALL	301281.38	4019496.85	6.84080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.078E-04	0.00E+00
951	ALL	301279.88	4019512.90	7.16850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.273E-04	0.00E+00
952	ALL	301320.40	4019473.62	5.80830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.462E-04	0.00E+00
953	ALL	301319.30	4019493.70	6.10790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.641E-04	0.00E+00
954	ALL	301322.65	4019513.10	6.31470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.764E-04	0.00E+00
955	ALL	301321.16	4019529.15	6.55810E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.909E-04	0.00E+00
956	ALL	301323.04	4019562.32	6.91720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.123E-04	0.00E+00
957	ALL	301321.93	4019582.40	7.16840E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.273E-04	0.00E+00
958	ALL	301325.29	4019601.80	7.27500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.337E-04	0.00E+00
959	ALL	301323.80	4019617.85	7.46370E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.449E-04	0.00E+00
960	ALL	301286.15	4019549.59	7.66910E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.571E-04	0.00E+00
961	ALL	301285.04	4019569.66	8.01950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.780E-04	0.00E+00
962	ALL	301288.40	4019589.07	8.21630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.898E-04	0.00E+00
963	ALL	301286.91	4019605.11	8.49210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.062E-04	0.00E+00
964	ALL	301403.83	4019452.11	4.49400E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.679E-04	0.00E+00
965	ALL	301402.73	4019472.18	4.66950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.783E-04	0.00E+00
966	ALL	301406.08	4019491.59	4.77460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.846E-04	0.00E+00
967	ALL	301404.59	4019507.63	4.91030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.927E-04	0.00E+00
968	ALL	301404.71	4019525.00	5.02660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.996E-04	0.00E+00
969	ALL	301403.60	4019545.07	5.17150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.083E-04	0.00E+00
970	ALL	301406.96	4019564.48	5.22820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.117E-04	0.00E+00
971	ALL	301405.47	4019580.52	5.33690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.181E-04	0.00E+00
972	ALL	301370.78	4019582.01	6.01860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.588E-04	0.00E+00
973	ALL	301368.56	4019509.04	5.46960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.260E-04	0.00E+00
974	ALL	301408.54	4019600.41	5.37060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.201E-04	0.00E+00
975	ALL	301369.83	4019547.42	5.77660E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.443E-04	0.00E+00
976	ALL	301368.32	4019451.36	4.89730E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.919E-04	0.00E+00
977	ALL	301367.29	4019476.68	5.17000E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.082E-04	0.00E+00
978	ALL	300650.23	4019325.33	1.44630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.621E-05	0.00E+00
979	ALL	300691.52	4019339.38	1.83270E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.092E-04	0.00E+00
980	ALL	300686.69	4019293.70	1.51470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.029E-05	0.00E+00
981	ALL	300409.07	4019672.85	1.73350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.033E-04	0.00E+00
982	ALL	300407.72	4019653.69	1.55560E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.273E-05	0.00E+00
983	ALL	300357.00	4019660.98	1.35990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.106E-05	0.00E+00
984	ALL	300340.01	4019661.79	1.29510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.720E-05	0.00E+00
985	ALL	300334.88	4019673.12	1.34580E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.022E-05	0.00E+00
986	ALL	300232.01	4020464.48	2.89790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.727E-04	0.00E+00
987	ALL	300230.66	4020472.85	2.85950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.705E-04	0.00E+00
988	ALL	300228.77	4020486.07	2.80110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.670E-04	0.00E+00
989	ALL	300234.44	4020508.47	2.74200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.635E-04	0.00E+00
990	ALL	301062.27	4020113.46	1.58030E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.420E-04	0.00E+00

991	ALL	301080.21	4020112.48	1.31560E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.842E-04	0.00E+00
992	ALL	301091.91	4020111.51	1.18270E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.050E-04	0.00E+00
993	ALL	301121.55	4020107.41	9.41040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.609E-04	0.00E+00
994	ALL	301150.60	4020108.19	7.52440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.485E-04	0.00E+00
995	ALL	301170.10	4020106.24	6.67020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.976E-04	0.00E+00
996	ALL	301192.91	4020111.12	5.64680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.366E-04	0.00E+00
997	ALL	301208.32	4020118.14	4.99890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.980E-04	0.00E+00
998	ALL	301206.76	4020159.86	4.19800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.502E-04	0.00E+00
999	ALL	301052.33	4020162.79	1.10080E-06	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.562E-04	0.00E+00
1000	ALL	301083.72	4020160.25	8.88700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.297E-04	0.00E+00
1001	ALL	301113.75	4020162.01	7.12640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.248E-04	0.00E+00
1002	ALL	301127.40	4020158.69	6.63290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.954E-04	0.00E+00
1003	ALL	301147.68	4020159.47	5.82500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.472E-04	0.00E+00
1004	ALL	301207.97	4020177.63	3.88940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.318E-04	0.00E+00
1005	ALL	301235.23	4020156.85	3.70410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.208E-04	0.00E+00
1006	ALL	301232.53	4020139.85	4.01070E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.391E-04	0.00E+00
1007	ALL	301235.50	4020117.18	4.34380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.589E-04	0.00E+00
1008	ALL	301271.13	4020107.46	3.80780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.270E-04	0.00E+00
1009	ALL	301306.21	4020109.08	3.24350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.933E-04	0.00E+00
1010	ALL	301341.30	4020107.73	2.82890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.686E-04	0.00E+00
1011	ALL	301357.22	4020103.41	2.69960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.609E-04	0.00E+00
1012	ALL	301375.03	4020106.92	2.50040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.490E-04	0.00E+00
1013	ALL	301390.15	4020106.38	2.37610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.416E-04	0.00E+00
1014	ALL	301409.04	4020098.83	2.28010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.359E-04	0.00E+00
1015	ALL	301417.41	4020151.18	1.90130E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.133E-04	0.00E+00
1016	ALL	301374.49	4020155.77	2.14970E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.281E-04	0.00E+00
1017	ALL	301370.45	4020179.52	2.03290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.212E-04	0.00E+00
1018	ALL	301061.97	4020457.87	2.72980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.627E-04	0.00E+00
1019	ALL	301062.34	4020429.85	2.97230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.772E-04	0.00E+00
1020	ALL	301065.33	4020398.84	3.25850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.942E-04	0.00E+00
1021	ALL	301063.46	4020414.91	3.10780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.853E-04	0.00E+00
1022	ALL	301059.73	4020368.96	3.67390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.190E-04	0.00E+00
1023	ALL	301062.72	4020354.39	3.83670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.287E-04	0.00E+00
1024	ALL	301056.74	4020247.92	6.22710E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.712E-04	0.00E+00
1025	ALL	301061.14	4020321.27	4.38170E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.612E-04	0.00E+00
1026	ALL	301062.30	4020291.90	4.93390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.941E-04	0.00E+00
1027	ALL	301060.85	4020277.36	5.29740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.158E-04	0.00E+00
1028	ALL	301114.36	4020261.36	4.48140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.671E-04	0.00E+00
1029	ALL	301112.61	4020232.86	5.08830E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.033E-04	0.00E+00
1030	ALL	301136.75	4020270.38	3.90530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.328E-04	0.00E+00
1031	ALL	301136.17	4020242.17	4.35240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.594E-04	0.00E+00
1032	ALL	301151.58	4020266.31	3.70100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.206E-04	0.00E+00
1033	ALL	301150.71	4020241.00	4.07210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.427E-04	0.00E+00
1034	ALL	301166.70	4020240.42	3.77820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.252E-04	0.00E+00
1035	ALL	301182.11	4020266.89	3.22780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.924E-04	0.00E+00
1036	ALL	301180.08	4020238.10	3.57490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.131E-04	0.00E+00
1037	ALL	301068.12	4020196.51	7.83320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.669E-04	0.00E+00
1038	ALL	301082.08	4020188.37	7.55110E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.501E-04	0.00E+00
1039	ALL	301101.27	4020190.40	6.63230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.953E-04	0.00E+00
1040	ALL	301117.55	4020189.82	6.03140E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.595E-04	0.00E+00
1041	ALL	301149.54	4020188.08	5.06010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.016E-04	0.00E+00
1042	ALL	301167.28	4020190.11	4.55200E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.713E-04	0.00E+00
1043	ALL	301209.45	4020193.02	3.64640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.174E-04	0.00E+00
1044	ALL	301237.37	4020195.35	3.19040E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.902E-04	0.00E+00
1045	ALL	301199.56	4020237.81	3.27550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.953E-04	0.00E+00
1046	ALL	301214.98	4020266.01	2.81460E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.678E-04	0.00E+00
1047	ALL	301231.84	4020264.85	2.63550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.571E-04	0.00E+00
1048	ALL	301249.58	4020263.98	2.45940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.466E-04	0.00E+00
1049	ALL	301231.26	4020238.68	2.84890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.698E-04	0.00E+00
1050	ALL	301215.56	4020239.26	3.03980E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.812E-04	0.00E+00
1051	ALL	301120.44	4020437.65	2.47010E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.472E-04	0.00E+00
1052	ALL	301118.41	4020422.82	2.58790E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.543E-04	0.00E+00
1053	ALL	301118.12	4020405.95	2.71630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.619E-04	0.00E+00
1054	ALL	301116.66	4020385.89	2.89320E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.725E-04	0.00E+00
1055	ALL	301115.21	4020349.53	3.25300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.939E-04	0.00E+00
1056	ALL	301114.05	4020328.59	3.50490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.089E-04	0.00E+00
1057	ALL	301110.85	4020312.60	3.75290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.237E-04	0.00E+00
1058	ALL	301151.27	4020349.53	2.85780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.704E-04	0.00E+00
1059	ALL	301157.38	4020374.25	2.61220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.557E-04	0.00E+00
1060	ALL	301158.25	4020409.15	2.37850E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.418E-04	0.00E+00
1061	ALL	301160.00	4020426.89	2.26340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.349E-04	0.00E+00
1062	ALL	301159.12	4020439.40	2.20100E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.312E-04	0.00E+00
1063	ALL	301162.03	4020458.88	2.08380E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.242E-04	0.00E+00
1064	ALL	301140.22	4020458.88	2.21290E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.319E-04	0.00E+00
1065	ALL	301098.63	4020459.17	2.47500E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.475E-04	0.00E+00
1066	ALL	301079.44	4020461.50	2.58480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.541E-04	0.00E+00
1067	ALL	301177.45	4020460.05	1.99060E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.187E-04	0.00E+00
1068	ALL	301194.02	4020460.63	1.89740E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.131E-04	0.00E+00
1069	ALL	301200.42	4020446.09	1.92120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.145E-04	0.00E+00
1070	ALL	301206.24	4020428.05	1.96180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.169E-04	0.00E+00
1071	ALL	301209.73	4020418.17	1.98190E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.181E-04	0.00E+00
1072	ALL	301216.13	4020403.04	2.00440E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.195E-04	0.00E+00
1073	ALL	301218.16	4020385.89	2.06540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.231E-04	0.00E+00
1074	ALL	301196.93	4020388.50	2.20620E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.315E-04	0.00E+00
1075	ALL	301173.37	4020379.20	2.44240E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.456E-04	0.00E+00
1076	ALL	301215.54	4020370.76	2.15510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.285E-04	0.00E+00
1077	ALL	301210.85	4020339.40	2.35880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.406E-04	0.00E+00
1078	ALL	301195.96	4020317.26	2.63930E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.573E-04	0.00E+00
1079	ALL	301243.86	4020321.69	2.17220E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.295E-04	0.00E+00
1080	ALL	301244.67	4020335.78	2.09750E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.250E-04	0.00E+00
1081	ALL	301245.15	4020369.16	1.94890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.162E-04	0.00E+00
1082	ALL	301247.38	4020427.11	1.72700E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.030E-04	0.00E+00
1083	ALL	301241.25	4020446.61	1.69680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.011E-04	0.00E+00
1084	ALL	301280.81	4020448.28	1.50340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.961E-05	0.00E+00
1085	ALL	301292.51	4020409.83	1.54650E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.218E-05	0.00E+00
1086	ALL	301341.54	4020354.67	1.45490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.672E-05	0.00E+00
1087	ALL	301292.59	4020313.41	1.85890E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.108E-04	0.00E+00
1088	ALL	301330.03	4020314.22	1.63300E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.734E-05	0.00E+00
1089	ALL	301374.72	4020306.97	1.44540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.616E-05	0.00E+00
1090	ALL	301419.00	4020306.97	1.27800E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.618E-05	0.00E+00
1091	ALL	301328.02	4020294.49	1.71630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.023E-04	0.00E+00

1092	ALL	301292.99	4020282.82	1.99120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.187E-04	0.00E+00
1093	ALL	301329.23	4020255.85	1.88210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.122E-04	0.00E+00
1094	ALL	301290.58	4020251.42	2.17600E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.297E-04	0.00E+00
1095	ALL	301323.59	4020219.21	2.11950E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.263E-04	0.00E+00
1096	ALL	301416.99	4020215.99	1.59720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.521E-05	0.00E+00
1097	ALL	301379.95	4020255.44	1.60550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.570E-05	0.00E+00
1098	ALL	301466.50	4020195.86	1.46960E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.760E-05	0.00E+00
1099	ALL	301414.57	4020253.03	1.46490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.732E-05	0.00E+00
1100	ALL	301470.13	4020246.99	1.28820E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.679E-05	0.00E+00
1101	ALL	301475.36	4020357.70	1.00480E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.990E-05	0.00E+00
1102	ALL	301500.32	4020363.74	9.38850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.596E-05	0.00E+00
1103	ALL	301468.19	4020147.32	1.65530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.867E-05	0.00E+00
1104	ALL	301511.71	4020148.87	1.47080E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.767E-05	0.00E+00
1105	ALL	301526.08	4020146.81	1.42670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.504E-05	0.00E+00
1106	ALL	301544.56	4020144.76	1.37150E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.175E-05	0.00E+00
1107	ALL	301580.15	4020144.76	1.26420E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.536E-05	0.00E+00
1108	ALL	301597.60	4020143.73	1.21990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.272E-05	0.00E+00
1109	ALL	301616.77	4020142.36	1.17520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.005E-05	0.00E+00
1110	ALL	301634.22	4020138.60	1.14350E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.816E-05	0.00E+00
1111	ALL	301653.04	4020140.99	1.09630E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.535E-05	0.00E+00
1112	ALL	301667.07	4020141.34	1.06670E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.358E-05	0.00E+00
1113	ALL	301683.15	4020141.68	1.03510E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.170E-05	0.00E+00
1114	ALL	301700.27	4020139.28	1.00940E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.017E-05	0.00E+00
1115	ALL	301712.93	4020136.89	9.92940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.919E-05	0.00E+00
1116	ALL	301749.89	4020132.44	9.48450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.654E-05	0.00E+00
1117	ALL	301755.02	4020177.95	8.70610E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.190E-05	0.00E+00
1118	ALL	301784.45	4020136.55	9.14140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.449E-05	0.00E+00
1119	ALL	301806.35	4020133.47	9.27230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.527E-05	0.00E+00
1120	ALL	301808.06	4020176.58	8.68110E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.175E-05	0.00E+00
1121	ALL	301809.09	4020198.49	8.40420E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.010E-05	0.00E+00
1122	ALL	301712.58	4020198.83	8.85630E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.279E-05	0.00E+00
1123	ALL	301693.76	4020200.54	9.08140E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.413E-05	0.00E+00
1124	ALL	301668.78	4020201.22	9.44460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.630E-05	0.00E+00
1125	ALL	301636.61	4020203.28	9.95240E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.933E-05	0.00E+00
1126	ALL	301614.71	4020201.22	1.04120E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.206E-05	0.00E+00
1127	ALL	301750.57	4020202.93	8.38170E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.996E-05	0.00E+00
1128	ALL	301751.94	4020218.68	8.14890E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.857E-05	0.00E+00
1129	ALL	301863.19	4020024.64	1.07520E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.409E-05	0.00E+00
1130	ALL	301894.68	4020028.41	9.29120E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.538E-05	0.00E+00
1131	ALL	301755.30	4019984.22	1.23210E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.344E-05	0.00E+00
1132	ALL	301766.18	4019983.23	1.21390E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.236E-05	0.00E+00
1133	ALL	301799.81	4019963.95	1.22310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.291E-05	0.00E+00
1134	ALL	301863.35	4019969.63	1.14780E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.842E-05	0.00E+00
1135	ALL	301798.16	4019991.75	1.16680E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.955E-05	0.00E+00
1136	ALL	301796.80	4019954.28	1.24230E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.405E-05	0.00E+00
1137	ALL	301795.44	4019916.82	1.31880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.861E-05	0.00E+00
1138	ALL	301794.08	4019879.35	1.40020E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.346E-05	0.00E+00
1139	ALL	301801.78	4019862.89	1.43720E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.567E-05	0.00E+00
1140	ALL	301800.42	4019825.43	1.52550E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.094E-05	0.00E+00
1141	ALL	301799.06	4019787.96	1.61340E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	9.617E-05	0.00E+00
1142	ALL	301797.71	4019750.49	1.70540E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.017E-04	0.00E+00
1143	ALL	300379.44	4019229.80	4.24030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.528E-05	0.00E+00
1144	ALL	300378.08	4019192.33	3.96400E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.363E-05	0.00E+00
1145	ALL	300376.72	4019154.87	3.72260E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.219E-05	0.00E+00
1146	ALL	300375.36	4019117.40	3.51080E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.093E-05	0.00E+00
1147	ALL	300313.79	4019143.62	3.06030E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.824E-05	0.00E+00
1148	ALL	300277.40	4019142.80	2.80450E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.672E-05	0.00E+00
1149	ALL	300315.51	4019127.48	2.99990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.788E-05	0.00E+00
1150	ALL	300314.15	4019090.02	2.83710E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.691E-05	0.00E+00
1151	ALL	300339.80	4020163.10	5.37760E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.206E-04	0.00E+00
1152	ALL	300981.48	4020980.84	9.77630E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.828E-05	0.00E+00
1153	ALL	301081.26	4020927.88	9.58660E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.714E-05	0.00E+00
1154	ALL	301081.26	4020894.43	1.01180E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	6.031E-05	0.00E+00
1155	ALL	301104.12	4020903.91	9.71090E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.789E-05	0.00E+00
1156	ALL	301135.34	4020915.06	9.21990E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.496E-05	0.00E+00
1157	ALL	301171.57	4020910.04	8.91460E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.314E-05	0.00E+00
1158	ALL	301222.86	4020899.45	8.49940E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.066E-05	0.00E+00
1159	ALL	301341.60	4020823.63	7.90760E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.714E-05	0.00E+00
1160	ALL	301279.72	4020755.07	9.53230E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.682E-05	0.00E+00
1161	ALL	301327.10	4020693.74	9.48280E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.653E-05	0.00E+00
1162	ALL	301354.42	4020691.51	9.00820E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	5.370E-05	0.00E+00
1163	ALL	301752.53	4019667.27	2.14490E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.279E-04	0.00E+00
1164	ALL	301796.26	4019632.29	1.94640E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.160E-04	0.00E+00
1165	ALL	301853.60	4019653.18	1.70690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.017E-04	0.00E+00
1166	ALL	301906.56	4019658.53	1.40880E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.398E-05	0.00E+00
1167	ALL	301958.56	4019657.55	1.23860E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	7.383E-05	0.00E+00
1168	ALL	301856.03	4019592.93	1.71990E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.025E-04	0.00E+00
1169	ALL	301799.66	4019592.93	1.94770E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.161E-04	0.00E+00
1170	ALL	301845.34	4019524.90	1.80530E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.076E-04	0.00E+00
1171	ALL	301782.65	4019418.97	1.86310E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.111E-04	0.00E+00
1172	ALL	301793.34	4019490.88	1.94920E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.162E-04	0.00E+00
1173	ALL	301809.36	4020241.57	7.85060E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.680E-05	0.00E+00
1174	ALL	301808.79	4020283.30	7.29900E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.351E-05	0.00E+00
1175	ALL	301809.93	4020302.17	7.05320E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.204E-05	0.00E+00
1176	ALL	301812.22	4020365.05	5.96850E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.558E-05	0.00E+00
1177	ALL	301767.63	4020349.62	6.34520E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	3.782E-05	0.00E+00
1178	ALL	301713.89	4020302.17	7.32270E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.365E-05	0.00E+00
1179	ALL	301711.03	4020243.85	8.18200E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.877E-05	0.00E+00
1180	ALL	301807.65	4020260.43	7.58350E-08	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	4.520E-05	0.00E+00
1181	ALL	301544.16	4019649.35	3.52160E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.099E-04	0.00E+00
1182	ALL	301580.04	4019666.79	3.21410E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.916E-04	0.00E+00
1183	ALL	301581.04	4019646.36	3.15610E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.881E-04	0.00E+00
1184	ALL	301578.55	4019629.42	3.16030E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.884E-04	0.00E+00
1185	ALL	301541.17	4019628.42	3.52690E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	2.102E-04	0.00E+00
1186	ALL	301731.04	4019665.80	2.22470E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.326E-04	0.00E+00
1187	ALL	301754.96	4019699.19	2.05430E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.225E-04	0.00E+00
1188	ALL	301783.87	4019702.67	1.91330E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	1.141E-04	0.00E+00
1189	ALL	301905.65	4019714.40	1.34570E-07	1.96YrCancerHighEnd_InhSoilDermMMilkCropsChicken	8.021E-05	0.00E+00

HARP2 - HRACalc (dated 22118) 8/16/2024 12:59:26 PM - 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: 1.96

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.96
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: False

****
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 (m^2): 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\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con -
```

```
Level 3 FiltersCancerRisk.csv
Cancer risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3
FiltersCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con
- Level 3 FiltersNCChronicRisk.csv
Chronic risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3
FiltersNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con -
Level 3 FiltersNCAcuteRisk.csv
Acute risk total by receptor saved to: F:\HRA\0014-013 PB\HARP\Plumb Mit Con - L3\hra\Mit Con - Level 3
FiltersNCAcuteRiskSumByRec.csv
HRA ran successfully
```

Health Risk Screening

Operational Screening Calculations and Prioritization

Diesel PM Screening — Prioritization Calculator

Applicability	Use to provide a Prioritization score based on the emission potency method. Entries required in yellow areas, output in grey areas.
Author (Prioritization Calculator)	Matthew Cegielski *Last Update* October 13, 2016
Date Updated with Project Emissions	July 29, 2024
Facility:	**Plumb Blossom Estates Residential Project (Operational Diesel PM Screening Analysis)**
ID#:	—
Project #:	**Truck Run and Idle Emissions**
Unit and Process#	**Mobile Source Diesel (Trucks Visiting the Residential Project)**

Operating Hours hr/yr 13,061.57 **(operating hours assumed based on idle hours)**

Receptor Proximity and Proximity Factors	Cancer Score	Chronic Score	Acute Score	Max Score
0< R<100 1.000	6.78E+00	6.74E-03	0.00E+00	6.78E+00
100≤R<250 0.250	1.69E+00	1.69E-03	0.00E+00	1.69E+00
250≤R<500 0.040	2.71E-01	2.70E-04	0.00E+00	2.71E-01
500≤R<1000 0.011	7.46E-02	7.41E-05	0.00E+00	7.46E-02
1000≤R<1500 0.003	2.03E-02	2.02E-05	0.00E+00	2.03E-02
1500≤R<2000 0.002	1.36E-02	1.35E-05	0.00E+00	1.36E-02
2000<R 0.001	6.78E-03	6.74E-06	0.00E+00	6.78E-03

Receptor proximity is in meters. Priortization scores are calculated by multiplying the total scores summed below by the proximity factors. Record the Max score for your receptor distance. If the substance list for the unit is longer than the number of rows here or if there are multiple processes use additional worksheets and sum the totals of the Max Scores.

Mobile Source Diesel (Trucks Visiting the Residential Project)

Enter the unit's CAS# of the substances emitted and their amounts.

Prioritzation score for each substance generated below. Totals on last row.

Substance	CAS#	Annual Emissions (lbs/yr)	Maximum Hourly (lbs/hr)	Average Hourly (lbs/hr)	Cancer	Chronic	Acute
Diesel engine exhaust, particulate matter (Diesel PM)	**9901**	2.93E+00	2.51E-03	2.25E-04	6.78E+00	6.74E-03	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				Totals	**6.78E+00**	**6.74E-03**	**0.00E+00**

Plumb Blossom Estates Residential Project—Health Risk Screening Analysis for Project Operations

Diesel Truck Trips

	Diesel Trucks Onsite Daily	Average Daily Truck Trips
Heavy Truck Trips	**71.57**	**143.14**

Truck Assumptions

Trucks Onsite per Day	71.57
Trucks Onsite per Year	26,123.1
Idling Events per Truck per day	2
Idling Time per Event (minutes)	15
Idling Minutes/Year	783,694
Idling Hours/Year	13,062

	Truck Entering	Trucks Exiting	Total
Average Travel Distance Onsite (ft)	660	660	1,320

(0.25 mile on-site and 0.25 mile off-site assumed for this localized assessment - residential project)

	Miles/Trip	Truck Trips/Year	Miles/Year
Offsite Miles Estimate	0.25	52,246.3	13,061.6

	Distance Onsite (ft) in and out	Distance to Receptor Meters	Direction to Receptor	Idling Emissions (lbs/year)	Running Emissions (lbs/yr)	Total Truck Emissions (lbs/year)	Grand Total (lbs/yr)	Average Lbs/Day	Max Lbs/Day*	Max lbs/Hr
Emissions	1,320	<100 M	All	0.77	2.17	**2.9348**	2.93	0.00804	0.02412	0.00201

*Max daily assumed to be 3 times the daily average. Max hr based on 12 hrs/day

Running Emission Calculations **EMFAC2021 Rates (2026 Year)**

Idling Emission Rate for Diesel g/day	0.95102
g/lb conversion factor	0.00220
HDT Onsite Running Emissions 5 mph g/mile	0.10462
HDT Running Emissions Onroad 5-25 mph	0.04607

EMFAC2021 PM10 running emissions Aggregated Fleet Age

EMFAC2021 Average Running Emissions

	PM10_RUNEX 5-25 MPH	PM10 RUNEX 5 MPH
Weighted Averages (Based on Project Fleet)	**0.04607**	**0.10462**

	Distance (Feet)	Distance (Miles)	Miles/Year/ Truck	Trucks/Day	Emission (g/mi)	Emissions g/year	Emission lbs/year	Emissions lbs/hour
Onsite Running Emissions	1,320.00	0.25	91.3	71.6	0.10462	683.23	1.51	0.0003439

	Distance (Feet)	Miles/ Round Trip	Miles/Year/ Truck	Trucks/Day	Emissions Rate (g/mi)	Emissions g/year	Emission lbs/year	Emissions lbs/hour
Offsite Running Emissions	1,320.00	0.25	91.25	71.6	0.04607	300.86	0.66	0.0001514
						Total Running	**2.16955**	**0.00050**

Total Emissions	**Lbs/Year**	**Max Lbs/Hours**
Onsite Running Emissions	1.5063	0.0003439
Offsite Running Emissions	0.6633	0.0001514
Idling Emissions	0.7653	0.0020102
Total	**2.9348232**	**0.0025055**

Health Risk Prioritization Results (Receptor 0-100 M)

	Cancer Score	Chronic Score	Acute Score
Prioritization Score Truck Run and Idle	**6.779**	**0.006741**	**0.000000**

Operational Fuel Calculation—Project-generated Operational Trips

Daily Truck Trips

Plumb Blossom Estates Residential Project - Buildout Year Operations

	Weekday	Saturday	Sunday	Total Average Daily Trips
Single-family Housing (Low Rise)	1795	1795	1795	1795
Project Total	**1,795**	**1,795**	**1,795**	**1,795**

By Vehicle Type (Average Fleet Mix for the 2026 Operational Year by Land Use)

	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Project Fleet Mix	0.473204	0.037838	0.183341	0.177690	0.035551	0.008844	0.011359	0.046002	0.000563	0.000358	0.020086	0.002252	0.002911
Daily Trips													
Residential	849.4011	67.9185	329.0974	318.9544	63.8146	15.8749	20.3900	82.5744	1.0101	0.6428	36.0542	4.0431	5.2247
Project Total	**849.4011**	**67.9185**	**329.0974**	**318.9544**	**63.8146**	**15.8749**	**20.3900**	**82.5744**	**1.0101**	**0.6428**	**36.0542**	**4.0431**	**5.2247**

Heavy Trucks Only	Trips/Day	Truck Fleet	Truck Fleet	Diesel Percent	Total Diesel Truck Trips
LHD1	63.815	0.349374	34.937422	0.513773	32.786247
LHD2	15.875	0.086912	8.691244	0.722521	11.469950
MHD	20.390	0.111632	11.163211	0.893422	18.216917
HHD	82.574	0.452081	45.208123	0.976905	80.667370
Heavy Trucks Total	*182.654*	1.000000	100.000000	-	***143.140484***

Operational Fuel Calculation—Percent Diesel

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Tulare
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT
Tulare	2026	HHDT	Aggregate	Aggregate	Gasoline	0.55155165	38.7263432
Tulare	2026	HHDT	Aggregate	Aggregate	Diesel	5624.03355	760328.505
Tulare	2026	HHDT	Aggregate	Aggregate	Electricity	56.1698731	6946.5985
Tulare	2026	HHDT	Aggregate	Aggregate	Natural Gas	178.010369	10989.7228
						Total	778303.553
						Percent Diesel	0.97690484
Tulare	2026	LHDT1	Aggregate	Aggregate	Gasoline	6670.44633	241617.275
Tulare	2026	LHDT1	Aggregate	Aggregate	Diesel	7474.27677	260982.219
Tulare	2026	LHDT1	Aggregate	Aggregate	Electricity	77.8993462	5371.8673
						Total	507971.362
						Percent Diesel	0.51377349
Tulare	2026	LHDT2	Aggregate	Aggregate	Gasoline	1003.83874	34834.5022
Tulare	2026	LHDT2	Aggregate	Aggregate	Diesel	2622.77758	94059.7592
Tulare	2026	LHDT2	Aggregate	Aggregate	Electricity	19.5958424	1288.48839
						Total	130182.75
						Percent Diesel	0.72252091
Tulare	2026	MHDT	Aggregate	Aggregate	Gasoline	360.748654	17873.4076
Tulare	2026	MHDT	Aggregate	Aggregate	Diesel	4237.03995	195335.187
Tulare	2026	MHDT	Aggregate	Aggregate	Electricity	64.1213808	3566.79782
Tulare	2026	MHDT	Aggregate	Aggregate	Natural Gas	37.1185987	1861.71856
						Total	218637.111
						Percent Diesel	0.89342192

On-site Truck Running and Idling Emissions for the Health Risk Screening Analysis—Plumb Blossom Estates Residential Project

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Tulare
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
Tulare	2026	HHDT	Aggregate	5	Diesel	463.960149	18.25248919	0.108007319	0.112890931	3395.095501	0.025181059	0.534898679	0.542141303	0.617186605	1.268734605	0.032149524
Tulare	2026	HHDT	Aggregate	10	Diesel	5424.217445	9.151242179	0.022149308	0.023150801	2950.334105	0.005730953	0.46482634	0.123385836	0.140465382	0.701132931	0.0279379
Tulare	2026	HHDT	Aggregate	15	Diesel	11943.75817	5.6298968	0.010620843	0.01110107	2361.376144	0.002111197	0.372035773	0.045453487	0.051745335	0.374875853	0.02236082
Tulare	2026	HHDT	Aggregate	20	Diesel	23384.85694	3.839477537	0.006955259	0.007269745	2036.805126	0.001235672	0.320899477	0.026603669	0.030286253	0.265907391	0.019287327
Tulare	2026	HHDT	Aggregate	25	Diesel	14173.74305	3.3760459	0.007487945	0.007826517	1842.004274	0.000961824	0.290208524	0.020707797	0.023574251	0.202137102	0.017442679
						Total	40.2491516	0.155220673	0.162239063	12585.61515	0.035220704	1.982868792	0.758292092	0.863257825	2.812787882	0.119178249
Tulare	2026	LHDT1	Aggregate	5	Diesel	4821.962248	2.719024688	0.111749507	0.116802324	1201.42613	0.023044197	0.189285176	0.496127986	0.564808728	1.622665349	0.011384123
Tulare	2026	LHDT1	Aggregate	10	Diesel	15512.64846	2.515429263	0.091465159	0.095600808	1040.516993	0.018856883	0.163933876	0.405977591	0.462178496	1.294689563	0.009859427
Tulare	2026	LHDT1	Aggregate	15	Diesel	33247.72293	2.34296057	0.075304623	0.078709564	871.9779159	0.015610349	0.137380476	0.336081617	0.382606577	1.040014506	0.008262434
Tulare	2026	LHDT1	Aggregate	20	Diesel	37239.52939	2.195009759	0.062141768	0.064951543	753.8570706	0.013005503	0.118770488	0.28000082	0.318762318	0.83635157	0.007143179
Tulare	2026	LHDT1	Aggregate	25	Diesel	39374.63567	2.080822709	0.051341675	0.053663118	655.2679161	0.010873717	0.103237727	0.234104718	0.266512657	0.671302135	0.006208997
						Total	11.85324699	0.392002732	0.409727356	4523.046026	0.081390648	0.712607743	1.752292732	1.994868775	5.465023122	0.04285816
Tulare	2026	LHDT2	Aggregate	5	Diesel	1737.867848	2.428353513	0.097645643	0.102060746	1425.645236	0.019988354	0.224610987	0.430337496	0.489910628	1.409884624	0.013508713
Tulare	2026	LHDT2	Aggregate	10	Diesel	5590.863552	2.212536243	0.080486308	0.084125541	1243.288374	0.016589169	0.19588059	0.357155051	0.40659728	1.134621595	0.011780789
Tulare	2026	LHDT2	Aggregate	15	Diesel	11982.70449	2.027785598	0.066668748	0.069683213	1055.249159	0.013904372	0.166254935	0.299352947	0.340793428	0.916155097	0.009999022
Tulare	2026	LHDT2	Aggregate	20	Diesel	13421.37857	1.868323191	0.055315851	0.057816988	913.0767671	0.011712609	0.143855616	0.252165571	0.287073738	0.738263823	0.008651866
Tulare	2026	LHDT2	Aggregate	25	Diesel	14190.88533	1.742014539	0.045933092	0.048009983	793.5946814	0.009889079	0.125031165	0.212906047	0.24237938	0.591924247	0.007519713
						Total	10.27901308	0.346049642	0.361696472	5430.854218	0.072083584	0.855633294	1.551917113	1.766754454	4.790849386	0.051460104
Tulare	2026	MHDT	Aggregate	5	Diesel	390.5257752	7.627710014	0.045590331	0.047651724	2341.804199	0.012747184	0.368952205	0.274443381	0.312432898	0.509956883	0.022175485
Tulare	2026	MHDT	Aggregate	10	Diesel	4633.27929	3.233425763	0.031725298	0.033159775	1965.764805	0.006850179	0.309707046	0.147482475	0.167897572	0.381980953	0.018614617
Tulare	2026	MHDT	Aggregate	15	Diesel	8101.531673	2.051534174	0.020350711	0.02127088	1544.688847	0.003371855	0.243366357	0.072595107	0.082644003	0.24005259	0.01462728
Tulare	2026	MHDT	Aggregate	20	Diesel	10681.25278	1.564761118	0.01305589	0.013646219	1315.54527	0.001662683	0.207264693	0.035797108	0.040752282	0.170717686	0.012457427
Tulare	2026	MHDT	Aggregate	25	Diesel	14702.23766	1.2926918	0.010177828	0.010638024	1186.212965	0.001197306	0.186888336	0.025777672	0.029345917	0.136640284	0.011232727
						Total	15.77012287	0.120900058	0.126366622	8354.016085	0.025829207	1.316178636	0.556095743	0.633072672	1.439348397	0.079107537

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	**8.0498**	**0.0310**	**0.0324**	**2517.1230**	**0.0070**	**0.3966**	**0.1517**	**0.1727**	**0.5626**	**0.0238**
LHDT1	**2.3706**	**0.0784**	**0.0819**	**904.6092**	**0.0163**	**0.1425**	**0.3505**	**0.3990**	**1.0930**	**0.0086**
LHDT2	**2.0558**	**0.0692**	**0.0723**	**1086.1708**	**0.0144**	**0.1711**	**0.3104**	**0.3534**	**0.9582**	**0.0103**
MHDT	**3.1540**	**0.0242**	**0.0253**	**1670.8032**	**0.0052**	**0.2632**	**0.1112**	**0.1266**	**0.2879**	**0.0158**

HHDT		**LHDT1**		**LHDT2**		**MHDT**	
Localized Miles per Trip	0.50	Miles per Trip	0.50	Miles per Trip	0.50	Miles per Trip	0.50
Daily Trucks	40.33	Daily Trucks	16.39	Daily Trucks	5.73	Daily Trucks	9.11
Daily Trips	80.67	Daily Trips	32.79	Daily Trips	11.47	Daily Trips	18.22

Onsite Truck Max Daily Emissions	**ROG**	**NO_X**	**CO**	**SO2**	**PM10**	**PM2.5**
HHDT (g/day)	6.1169	324.6793	22.6900	0.9614	1.3087	1.2521
LHDT1 (g/day)	5.7451	38.8623	17.9178	0.1405	1.3433	1.2852
LHDT2 (g/day)	1.7800	11.7900	5.4951	0.0590	0.4149	0.3969
MHDT (g/day)	1.0130	28.7283	2.6220	0.1441	0.2302	0.2202
Total Trucks (g/day)	14.6551	404.0599	48.7249	1.3050	3.2971	3.1545
Running Emissions lbs/day	0.0323	0.8908	0.1074	0.0029	0.0073	0.0070
Idling Emissions Lbs/Day	0.580	6.950	8.535	0.013	0.005	0.005
Total Emissions/Day	**0.612**	**7.841**	**8.643**	**0.0155**	**0.012**	**0.012**
g/lb conversion factor		0.00220				

Idling Minutes/Day Per Truck	15
Max Trucks per Day	71.57
Number Idling Trucks per Day	71.57
Max Trucks per Day—HHDT	40.33
Max Trucks per Day—LHDT1	16.39
Max Trucks per Day—LHDT2	5.73
Max Trucks per Day—MHDT	9.11

Idling Emissions		Season	Region	Vehicle Category	Fuel	Pollutant	g/vehicle/day	g/day	Max lbs/day
IDLEX	2026	Annual	Tulare	HHDT	Diesel	ROG	6.4060	258.3793	0.569629
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	ROG	0.1098	1.7993	0.003967
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	ROG	0.1098	0.6295	0.001388
IDLEX	2026	Annual	Tulare	MHDT	Diesel	ROG	0.2353	2.1436	0.004726
IDLEX	2026	Annual	Tulare	HHDT	Diesel	NOx	74.3050	2,996.9931	6.607240
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	NOx	2.1986	36.0423	0.079460
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	NOx	2.1371	12.2561	0.027020
IDLEX	2026	Annual	Tulare	MHDT	Diesel	NOx	11.7532	107.0537	0.236013
IDLEX	2026	Annual	Tulare	HHDT	Diesel	CO	93.8053	3,783.5142	8.341222
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	CO	0.9097	14.9136	0.032879
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	CO	0.9097	5.2174	0.011502
IDLEX	2026	Annual	Tulare	MHDT	Diesel	CO	7.4592	67.9421	0.149787
IDLEX	2026	Annual	Tulare	HHDT	Diesel	SO2	0.1366	5.5095	0.012146
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	SO2	0.0013	0.0210	0.000046
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	SO2	0.0020	0.0117	0.000026
IDLEX	2026	Annual	Tulare	MHDT	Diesel	SO2	0.0207	0.1888	0.000416
IDLEX	2026	Annual	Tulare	HHDT	Diesel	PM10	0.0354	1.4294	0.003151
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	PM10	0.0275	0.4504	0.000993
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	PM10	0.0277	0.1590	0.000351
IDLEX	2026	Annual	Tulare	MHDT	Diesel	PM10	0.0255	0.2321	0.000512
IDLEX	2026	Annual	Tulare	HHDT	Diesel	PM2.5	0.0339	1.3676	0.003015
IDLEX	2026	Annual	Tulare	LHDT1	Diesel	PM2.5	0.0263	0.4309	0.000950
IDLEX	2026	Annual	Tulare	LHDT2	Diesel	PM2.5	0.0265	0.1521	0.000335
IDLEX	2026	Annual	Tulare	MHDT	Diesel	PM2.5	0.0244	0.2221	0.000490

For Weighted Average for Project (5-25 MPH)

	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
Weighted Average Using Project Truck Fleet Percentages										
HHDT	8.04983032	0.031044135	0.032447813	2517.12303	0.007044141	0.396573758	0.151658418	0.172651565	0.562557576	0.02383565
LHDT1	2.370649398	0.078400546	0.081945471	904.6092051	0.01627813	0.142521549	0.350458546	0.398973755	1.093004624	0.008571632
LHDT2	2.055802617	0.069209928	0.072339294	1086.170844	0.014416717	0.171126659	0.310383423	0.353350891	0.958169877	0.010292021
MHDT	3.154024574	0.024180012	0.025273324	1670.803217	0.005165841	0.263235727	0.111219149	0.126614534	0.287869679	0.015821507
HHDT	324.6793208	1.252124349	1.308739856	101524.8475	0.284116154	15.99528107	6.116942883	6.963673843	22.69002011	0.961379595
LHDT1	38.86234796	1.285229825	1.343342215	14829.37027	0.266849386	2.336373325	5.745110175	6.540425973	17.91775961	0.14051582
LHDT2	11.78997646	0.396917204	0.414864039	6229.162553	0.082679509	0.981407097	1.780041146	2.026458499	5.49508022	0.059024481
MHDT	28.72830236	0.220242635	0.23020103	15218.44199	0.047052853	2.397671733	1.013035014	1.15326325	2.622049066	0.144109545
Total	404.0599476	3.154514014	3.29714714	137801.8223	0.680697902	21.71073322	14.65512922	16.68382156	48.724909	1.305029441
Weighted Average	5.645641773	0.044075777	0.046068688	1925.406686	0.009510907	0.303348607	0.204765679	0.233111152	0.680798439	0.018234247

Max Trucks per Day—HHDT	40.33
Max Trucks per Day—LHDT1	16.39
Max Trucks per Day—LHDT2	5.73
Max Trucks per Day—MHDT	9.11
Total	71.57

For Weighted Average for Project (5 MPH)

	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX
Weighted Average Using Project Truck Fleet Percentages										
HHDT	18.25248919	0.108007319	0.112890931	3395.095501	0.025181059	0.534898679	0.542141303	0.617186605	1.268734605	0.032149524
LHDT1	2.719024688	0.111749507	0.116802324	1201.42613	0.023044197	0.189285176	0.496127986	0.564808728	1.622665349	0.011384123
LHDT2	2.428353513	0.097645643	0.102060746	1425.645236	0.019988354	0.224610987	0.430337496	0.489910628	1.409884624	0.013508713
MHDT	7.627710014	0.045590331	0.047651724	2341.804199	0.012747184	0.368952205	0.274443381	0.312432898	0.509956883	0.022175485
HHDT	736.19015	4.356333181	4.553307236	136936.7126	1.015644917	21.57443484	21.86655655	24.89341013	51.17274195	1.296708782
LHDT1	44.57330705	1.831923449	1.914754899	19695.12672	0.377766358	3.102975235	8.133087271	9.258979134	26.60055319	0.186621335
LHDT2	13.92654651	0.559995316	0.585315819	8176.039679	0.11463271	1.288138381	2.467974749	2.80962517	8.085652968	0.077472131
MHDT	69.47668113	0.415257645	0.434033753	21330.22667	0.1161072	3.360585899	2.499756181	2.845782128	4.644921175	0.201984491
Total	864.1666847	7.163509592	7.487411708	186138.1057	1.624151185	29.32613435	34.96737476	39.80779656	90.50386929	1.762786739
Weighted Average	12.07438541	0.100090616	0.104616269	2600.775136	0.022693107	0.409753182	0.488574215	0.55620598	1.264546086	0.024630163

Max Trucks per Day—HHDT	40.33
Max Trucks per Day—LHDT1	16.39
Max Trucks per Day—LHDT2	5.73
Max Trucks per Day—MHDT	9.11
Total	71.57

For Weighted Average for Project (Idle)

	PM10_IDLEX (g/d)
Weighted Average Using Project Truck Fleet Percentages	
HHDT	1.42944697
LHDT1	0.450431382
LHDT2	0.15898564
MHDT	0.232140765
HHDT	57.65486388
LHDT1	7.383977202
LHDT2	0.911778658
MHDT	2.114444555
Total	68.0650643
Weighted Average	0.95102465

ATTACHMENT C

Energy Consumption Calculations

Plumb Blossom Estates Project—Energy Consumption Summary

Date of Last Revision: August 29, 2024

Summary of Energy Use During Construction		(Annually)
Construction vehicle fuel	25,899	gallons (gasoline, diesel)
Construction equipment fuel	43,189	gallons (diesel)
Construction office trailer electricity	27,181	kilowatt hours

Summary of Energy Use During Proposed Operations		(Annually)
Operational vehicle fuel consumption	265,630	gallons (gasoline, diesel)
Operational natural gas consumption	6,827,557	kilo-British Thermal Units
Operational electricity consumption	1,661,768	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.

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: County
Region: Tulare
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

VMT = Vehicle Miles Traveled
FE = Fuel Economy

Given									*Calculations*	
Region	Calendar Year	Vehicle Class	Model Year	Speed		Population	VMT (mi/day)	Fuel Consumption (1000 gallons/day)	FE (mi/gallon)	VMT*FE
Tulare	2025	HHDT	Aggregate	Aggregate	Gasoline	0.558891999	36.18386	0.009506877	3.80607186	137.71836
Tulare	2025	HHDT	Aggregate	Aggregate	Diesel	5509.791036	753668.3	124.4842508	6.05432628	4562953.62
Tulare	2025	LDA	Aggregate	Aggregate	Gasoline	158383.6526	6597847	214.7121908	30.7287956	202743893
Tulare	2025	LDA	Aggregate	Aggregate	Diesel	336.646802	10658.86	0.240235043	44.3684572	472917.094
Tulare	2025	LDT1	Aggregate	Aggregate	Gasoline	14635.84692	489242	19.57271517	24.9961227	12229152.8
Tulare	2025	LDT1	Aggregate	Aggregate	Diesel	8.553106161	139.4659	0.00545544	25.5645539	3565.38348
Tulare	2025	LDT2	Aggregate	Aggregate	Gasoline	70401.77849	2858838	114.75899	24.9116671	71218414.6
Tulare	2025	LDT2	Aggregate	Aggregate	Diesel	190.1891965	8409.627	0.243310875	34.563299	290664.437
Tulare	2025	LHDT1	Aggregate	Aggregate	Gasoline	6884.959672	246926.7	26.09190058	9.46372961	2336847.45
Tulare	2025	LHDT1	Aggregate	Aggregate	Diesel	7761.23899	273238.8	17.26513934	15.8260405	4324288.23
Tulare	2025	LHDT2	Aggregate	Aggregate	Gasoline	1042.248419	36162.83	4.345501819	8.32189866	300943.371
Tulare	2025	LHDT2	Aggregate	Aggregate	Diesel	2683.376732	96995.89	7.413099268	13.0843905	1269132.05
Tulare	2025	MDV	Aggregate	Aggregate	Gasoline	74688.98074	2740884	139.013255	19.7167118	54041225.3
Tulare	2025	MDV	Aggregate	Aggregate	Diesel	1184.56415	46375.99	1.884523193	24.6088727	1141260.87
Tulare	2025	MHDT	Aggregate	Aggregate	Gasoline	373.3438439	17984.28	3.775209938	4.76378204	85673.1773
Tulare	2025	MHDT	Aggregate	Aggregate	Diesel	4136.529716	192794.1	22.02344948	8.75403831	1687727.12

Worker
Weighted Average Fuel Economy 26.8295558

Vendor
Weighted Average Fuel Economy 9.00459837

Haul
Weighted Average Fuel Economy 6.05421835

Construction Vehicle Fuel Calculations (Page 2 of 2)

Construction Schedule

Source: CalEEMod Output

Plumb Blossom Estates Project

CalEEMod Run	Phase Name	Start Date	End Date	Num Days Week	Num Days
Project Construction	Site Preparation	1/1/2025	2/11/2025	5	30
Project Construction	Grading	2/12/2025	5/27/2025	5	75
Project Construction	Paving	5/28/2025	8/12/2025	5	55
Project Construction	Building Construction	5/28/2025	10/27/2026	5	370
Project Construction	Architectural Coating	10/1/2026	12/16/2026	5	55

Construction Trips and VMT

	Trips per Day			Construction Trip Length in Miles				Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Number of Days per Phase	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	19.99	0.00	11.41	7.43	20	30	525	600	0	5,990	4,456	0	223.27	494.84	0.00
Grading	20.00	19.99	16.67	11.41	7.43	20	75	1,500	1,499	1,250	17,115	11,140	25,000	637.92	1,237.10	4,129.35
Paving	15.00	19.99	0.00	11.41	7.43	20	55	825	1,099	0	9,413	8,169	0	350.85	907.21	0.00
Building Construction	67.32	19.99	0.00	11.41	7.43	20	370	24,908	7,396	0	284,205	54,955	0	10,592.98	6,103.03	0.00
Architectural Coating	13.46	19.99	0.00	11.41	7.43	20	55	741	1,099	0	8,449	8,169	0	314.93	907.21	0.00

Total Project Construction VMT (miles)

437,062

Total Project Fuel Consumption (gallons)

25,899

Construction Equipment Fuel Calculation (Page 1 of 2)

Source: CalEEMod Output
Plumb Blossom Estates Project
Construction Schedule

Construction Area	Phase Type	Start Date	End Date	Num Days Week	Num Days
Project Construction	Site Preparation	1/1/2025	2/11/2025	5	30
Project Construction	Grading	2/12/2025	5/27/2025	5	75
Project Construction	Paving	5/28/2025	8/12/2025	5	55
Project Construction	Building Construction	5/28/2025	10/27/2026	5	370
Project Construction	Architectural Coating	10/1/2026	12/16/2026	5	55

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 Work									
Site Preparation	Rubber Tired Dozers	3	8	367	0.40	30	105,696.00	0.02051	2,168.17
Site Preparation	Tractors/Loaders/Backhoes	4	8	84	0.37	30	29,836.80	0.01903	567.69
Grading	Graders	1	8	148	0.41	75	36,408.00	0.02121	772.39
Grading	Excavators	2	8	36	0.38	75	16,416.00	0.01976	324.34
Grading	Tractors/Loaders/Backhoes	2	8	84	0.37	75	37,296.00	0.01903	709.62
Grading	Scrapers	2	8	423	0.48	75	243,648.00	0.02489	6,063.61
Grading	Rubber Tired Dozers	1	8	367	0.40	75	88,080.00	0.02051	1,806.81
Paving	Pavers	2	8	81	0.42	55	29,937.60	0.02153	644.47
Paving	Paving Equipment	2	8	89	0.36	55	28,195.20	0.01833	516.89
Paving	Rollers	2	8	36	0.38	55	12,038.40	0.01940	233.60
Building Construction	Cranes	2	7	367	0.29	370	551,307.40	0.01488	8,206.13
Building Construction	Forklifts	6	8	82	0.20	370	291,264.00	0.02080	6,059.67
Building Construction	Generator Sets	2	8	14	0.74	370	61,331.20	0.04236	2,597.84
Building Construction	Tractors/Loaders/Backhoes	6	7	84	0.37	370	482,983.20	0.01903	9,189.52
Building Construction	Welders	2	8	46	0.45	370	122,544.00	0.02585	3,167.26
Architectural Coating	Air Compressors	1	6	37	0.48	55	5,860.80	0.02755	161.49

Total Construction Equipment Fuel Consumption (gallons) **43,189.48**

Notes:
Equipment assumptions are provided in the CalEEMod output files.
Source of usage estimates: California Air Resource Board (CARB). 2022. OFFROAD2017 (v1.0.1) Emissions Inventory
Website: https://www.arb.ca.gov/orion/.

Construction Equipment Fuel Calculation (Page 2 of 2)

OFFROAD2017 (v1.0.1) Emissions Inventory
Region Type: County
Region: Tulare
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2017 Equipment Types
Units: Emissions: tons/day, Fuel Consumption: gallons/year, Activity: hours/year, HP-Hours: HP-hours/year

Region	Vehicle Class	Model Year	HP_Bin	Fuel	Fuel (gallons/year)	Horsepower Hours (HP-hours/year)	Fuel (gallons/HP-hour)
Tulare	Construction and Mining - Cranes	Aggregated	300	Diesel	52657.02	3537623.55	0.014884857
Tulare	Construction and Mining - Excavators	Aggregated	175	Diesel	156561.57	7924249.90	0.019757273
Tulare	Construction and Mining - Graders	Aggregated	175	Diesel	95622.49	4507357.53	0.021214755
Tulare	Construction and Mining - Misc - Cement And Mortar Mixers	Aggregated	25	Diesel	518.30	16275.35	0.031845705
Tulare	Construction and Mining - Misc - Concrete/Industrial Saws	Aggregated	50	Diesel	266.45	6383.85	0.041738136
Tulare	Construction and Mining - Pavers	Aggregated	175	Diesel	20697.10	961439.23	0.021527205
Tulare	Construction and Mining - Paving Equipment	Aggregated	175	Diesel	8797.73	479896.07	0.018332574
Tulare	Construction and Mining - Rollers	Aggregated	100	Diesel	49945.72	2573962.80	0.019404212
Tulare	Construction and Mining - Rough Terrain Forklifts	Aggregated	100	Diesel	128035.04	6154134.12	0.020804721
Tulare	Construction and Mining - Rubber Tired Dozers	Aggregated	300	Diesel	6934.53	338050.60	0.020513278
Tulare	Construction and Mining - Scrapers	Aggregated	300	Diesel	57538.00	2311993.76	0.024886746
Tulare	Construction and Mining - Tractors/Loaders/Backhoes	Aggregated	300	Diesel	84418.90	4436891.50	0.019026586
Tulare	Light Commercial - Misc - Air Compressors	Aggregated	50	Diesel	8584.80	311560.35	0.027554212
Tulare	Light Commercial - Misc - Generator Sets	Aggregated	50	Diesel	23662.95	558647.10	0.042357599
Tulare	Light Commercial - Misc - Welders	Aggregated	50	Diesel	39441.90	1526043.10	0.025845862

Construction Office Electricity Calculation

Energy Appendix: CalEEMod Typical Construction Trailer
Typical Construction Trailer - Tulare 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	13,895	453	0.0330	0.0040	26,460

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual	13,895	kWh/yr
Total Over Construction	**27,181**	**kWh**

Total Construction Schedule

Start	1/1/2025
End	12/16/2026
Total Calendar Days	714
Years	1.96

Plumb Blossom Estates Project Operational Fuel Calculation—Project-generated Operational Trips

California Air Resource Board (CARB). EMFAC2021. Website: https://arb.ca.gov/emfac/emissions-inventory. Accessed August 2024.

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: County
Region: Tulare
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

VMT = Vehicle Miles Traveled
FE = Fuel Economy

				Given						*Calculations*	
Region	Calendar Year	Vehicle Class	Model Year	Speed	Fuel	Population	VMT	Fuel Consumption		FE	VMT*FE
Tulare	2026	LDA	Aggregate	Aggregate	Gasoline	158694.844	6625306.04	211.2706947		31.3593234	207765114.7
Tulare	2026	LDA	Aggregate	Aggregate	Diesel	306.656578	9868.724124	0.219182753		45.02509439	444340.2352
										Total VMT	**6635174.764**
									Weighted Average Fuel Economy		**31.37964897**
Tulare	2026	LDT1	Aggregate	Aggregate	Gasoline	14133.99388	477840.0023	18.7343616		25.50607341	12187822.18
Tulare	2026	LDT1	Aggregate	Aggregate	Diesel	7.637710992	122.4516284	0.004786044		25.58514457	3132.942616
Tulare	2026	LDT2	Aggregate	Aggregate	Gasoline	71739.09191	2926389.356	114.5678447		25.54285074	74748326.54
Tulare	2026	LDT2	Aggregate	Aggregate	Diesel	202.1330974	8919.674619	0.252454265		35.33184358	315148.5484
Tulare	2026	MDV	Aggregate	Aggregate	Gasoline	72765.41858	2670035.323	132.7909825		20.107053	53686541.76
Tulare	2026	MDV	Aggregate	Aggregate	Diesel	1164.657179	44713.48805	1.798615532		24.8599477	1111574.975
										Total VMT	**6128020.296**
									Weighted Average Fuel Economy		**23.18082188**
Tulare	2026	LHDT1	Aggregate	Aggregate	Gasoline	6670.44633	241617.2754	25.1189835		9.618911346	2324095.151
Tulare	2026	LHDT1	Aggregate	Aggregate	Diesel	7474.276768	260982.2194	16.56943171		15.75082501	4110685.269
Tulare	2026	LHDT2	Aggregate	Aggregate	Gasoline	1003.838735	34834.50219	4.136138896		8.421985591	293375.6755
Tulare	2026	LHDT2	Aggregate	Aggregate	Diesel	2622.777577	94059.75918	7.200882		13.06225531	1228632.589
Tulare	2026	MHDT	Aggregate	Aggregate	Gasoline	360.7486544	17873.40759	3.70311638		4.826585437	86267.52878
Tulare	2026	MHDT	Aggregate	Aggregate	Diesel	4237.039947	195335.1872	22.16893212		8.811213192	1721139.978
										Total VMT	**844702.3509**
									Weighted Average Fuel Economy		**11.55933351**
Tulare	2026	HHDT	Aggregate	Aggregate	Gasoline	0.551551652	38.72634316	0.009943896		3.894484085	150.8191271
Tulare	2026	HHDT	Aggregate	Aggregate	Diesel	5624.033551	760328.5053	123.5760208		6.152718791	4678087.482
										Total VMT	**760367.2316**
									Weighted Average Fuel Economy		**6.152603777**
Tulare	2026	OBUS	Aggregate	Aggregate	Gasoline	121.4858349	4881.64684	1.010522676		4.830813754	23582.3267
Tulare	2026	OBUS	Aggregate	Aggregate	Diesel	108.1914447	7220.665875	1.014630952		7.116544063	51386.18686
Tulare	2026	SBUS	Aggregate	Aggregate	Gasoline	135.9625032	7305.397308	0.757225294		9.647587537	70479.46002
Tulare	2026	SBUS	Aggregate	Aggregate	Diesel	484.8031555	10641.36818	1.275364115		8.343788296	88789.32324
Tulare	2026	UBUS	Aggregate	Aggregate	Gasoline	60.77753781	4276.411592	0.858444894		4.981579621	21303.28484
Tulare	2026	UBUS	Aggregate	Aggregate	Diesel	16.50940526	1660.98586	0.123971687		13.39810644	22254.06534
										Total VMT	**35986.47565**
									Weighted Average Fuel Economy		**7.719417975**
Tulare	2026	MCY	Aggregate	Aggregate	Gasoline	8093.561181	44726.48881	1.059438197		42.217176	1888226.05
										Total VMT	**44726.48881**
									Weighted Average Fuel Economy		**42.217176**

Operational Fuel Calculation—Project-generated Operational Trips
Total Operational VMT
Plumb Blossom Estates 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
Single Family Housing	1,795	1,795	1,795	655,175	17,911	17,911	17,911	6,537,551
Other Asphalt Surfaces	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	**6,537,551**

By Vehicle Type (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	52.150000	21.460000	16.810000	5.690000	0.080000	0.090000	0.750000	2.030000	0.000000	0.440000	0.250000	0.020000	0.230000

	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)	0.5215	52.15	3,409,333	9,341	31.38	297.7	108,648
Light Trucks and Medium Vehicles (LDT1, LDT2, and MDV)	0.4396	43.96	2,873,907	7,874	23.18	339.7	123,978
LHDT1, LHDT2, and MHDT	0.0092	0.92	60,145	165	11.56	14.3	5,203
HHDT	0.0203	2.03	132,712	364	6.15	59.1	21,570
MCY	0.0025	0.25	16,344	45	42.22	1.1	387
Buses/Other	0.0069	0.69	45,109	124	7.72	16.0	5,844
Total	—	100.0	6,537,551	17,911		727.8	265,630

Project Operations Natural Gas Use

Source: CalEEMod Output

Plumb Blossom Estates Project - Buildout Year Operations

kBTU/yr = kilo-British Thermal Units/year

CalEEMod Land Use	Natural Gas Use (kBTU/yr)	
Single Family Housing	6,827,557	
Other Asphalt Surfaces	0	
Total	**6,827,557**	**kBTU/yr**

Project Operations Electricity Use

Source: CalEEMod Output

Plumb Blossom Estates Project - Buildout Year Operations

kWh/yr = kilowatt hours per year

CalEEMod Land Use	Electricity Use (kWh/yr)	
Single Family Housing	1,661,768	
Other Asphalt Surfaces	0	
Total	**1,661,768**	**kWh/yr**

*The estimates above account for total consumption and not demand after incorporation of renewable energy.

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	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	24.4
Location	36.303514, -119.218297
County	Tulare
City	Farmersville
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2757
EDFZ	9
Electric Utility	Eastside Power Authority
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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	0.04	0.04	0.05	0.39	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	87.8	87.8	< 0.005	< 0.005	0.35	89.5
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	—	25.7	25.7	< 0.005	< 0.005	—	25.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.25	0.63	0.87	0.03	< 0.005	—	1.68
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.06	0.06	0.05	0.43	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	0.61	114	115	0.07	< 0.005	0.35	118
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	0.03	0.05	0.31	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	80.3	80.3	< 0.005	< 0.005	0.01	81.7
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.7	25.7	< 0.005	< 0.005	—	25.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.25	0.63	0.87	0.03	< 0.005	—	1.68
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.05	0.05	0.06	0.31	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	0.61	107	107	0.07	0.01	0.01	110
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.03	0.03	0.04	0.24	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	62.4	62.4	< 0.005	< 0.005	0.11	63.5
Area	0.02	0.02	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.7	25.7	< 0.005	< 0.005	—	25.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.25	0.63	0.87	0.03	< 0.005	—	1.68
Waste	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.26
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.05	0.04	0.05	0.26	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	0.61	88.8	89.4	0.07	< 0.005	0.12	92.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	< 0.005	0.01	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.02	10.5
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	—	4.26	4.26	< 0.005	< 0.005	—	4.28
Water	—	—	—	—	—	—	—	—	—	—	—	0.04	0.10	0.14	< 0.005	< 0.005	—	0.28
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	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	0.10	14.7	14.8	0.01	< 0.005	0.02	15.3

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	—	—	—	—	—	—	—	—	—	—	—	—	17.3	17.3	< 0.005	< 0.005	—	17.3

Total	—	—	—	—	—	—	—	—	—	—	—	—	17.3	17.3	< 0.005	< 0.005	—	17.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	17.3	17.3	< 0.005	< 0.005	—	17.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	17.3	17.3	< 0.005	< 0.005	—	17.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2.86	2.86	< 0.005	< 0.005	—	2.87
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.86	2.86	< 0.005	< 0.005	—	2.87

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	—	8.48	8.48	< 0.005	< 0.005	—	8.50
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.48	8.48	< 0.005	< 0.005	—	8.50
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.48	8.48	< 0.005	< 0.005	—	8.50
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.48	8.48	< 0.005	< 0.005	—	8.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.41
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.41

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)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	13,895	453	0.0330	0.0040	26,460

8. User Changes to Default Data

APPENDIX B

California Historical Resources Information System



Fresno
Kern
Kings
Madera
Tulare

Southern San Joaquin Valley Information Center
California State University, Bakersfield
Mail Stop: 72 DOB
9001 Stockdale Highway
Bakersfield, California 93311-1022
(661) 654-2289
E-mail: ssjvic@csub.edu
Website: www.csub.edu/ssjvic

To: Emily Bowen
Crawford Bowen Planning, Inc.
113 N. Church Street, Suite 310
Visalia, CA 93291

Record Search 24-426

Date: September 30, 2024

Re: Plum Blossom Residential Project

County: Tulare

Map(s): Exeter 7.5'

CULTURAL RESOURCES RECORDS SEARCH

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

The following are the results of a search of the cultural resource files at the Southern San Joaquin Valley Information Center. These files include known and recorded cultural resources sites, inventory and excavation reports filed with this office, and resources listed on the National Register of Historic Places, the OHP Built Environment Resources Directory, California State Historical Landmarks, California Register of Historical Resources, California Inventory of Historic Resources, and California Points of Historical Interest. Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the OHP are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area.

PRIOR CULTURAL RESOURCE STUDIES CONDUCTED WITHIN THE PROJECT AREA AND THE ONE-HALF MILE RADIUS

According to the information in our files, there have been no previous cultural resource studies completed within the project area. There have been five cultural resource studies conducted within the one-half mile radius: TU-00134, TU-00404, TU-01071, TU-01659, and TU-01968.

KNOWN/RECORDED CULTURAL RESOURCES WITHIN THE PROJECT AREA AND THE ONE-HALF MILE RADIUS

According to the information in our files, there are no recorded cultural resources within the project area, and it is not known if any exist there. There are four recorded cultural resources within the one-half mile radius: P-54-004626, P-54-005076, P-54-005296, and P-54-005667. These resources consist of an historic era rail road, single-family residence, and two canals.

There are no recorded cultural resources within the project area or radius that are listed in the National Register of Historic Places, the California Register of Historical Resources, the California Points of Historical Interest, California Inventory of Historic Resources, for the California State Historic Landmarks.

COMMENTS AND RECOMMENDATIONS

We understand this project consists of development of 187 single-family residential units on land currently used as an active orchard. Please note that agriculture does not constitute previous development, as it does not destroy cultural resources, but merely moves them around within the plow zone. Because a cultural resource study has not been previously conducted on this property, it is unknown if any are present. Therefore, prior to ground disturbance activities, we recommend a qualified, professional consultant conduct a field survey to determine if any cultural resources are present. A list of qualified consultants can be found at www.chrisinfo.org.

We also recommend that you contact the Native American Heritage Commission in Sacramento. They will provide you with a current list of Native American individuals/organizations that can assist you with information regarding cultural resources that may not be included in the CHRIS Inventory and that may be of concern to the Native groups in the area. The Commission can consult their "Sacred Lands Inventory" file to determine what sacred resources, if any, exist within this project area and the way in which these resources might be managed. Finally, please consult with the lead agency on this project to determine if any other cultural resource investigation is required. If you need any additional information or have any questions or concerns, please contact our office at (661) 654-2289.

By: 

Celeste M. Thomson, Coordinator **Date**: September 30, 2024

Please note that invoices for Information Center services will be sent under separate cover from the California State University, Bakersfield Accounting Office.

RUETTGERS & SCHULER CIVIL ENGINEERS | PROVOST & PRITCHARD

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www.provostandpritchard.com

December 1, 2025

Emily Bowen
Crawford & Bowen Planning, Inc.
113 N Church St #302
Visalia, CA 93291

RE: Vehicle Miles Traveled (VMT) Analysis for Plum Blossom Residential in Farmersville, CA

Dear Ms. Bowen:

This letter presents the findings of a vehicle miles traveled (VMT) analysis for the referenced project; a proposed residential development located on the north side of Visalia Road, west of N Steven Avenue in Farmersville, CA. The residential development will include 187 single-family dwelling units. A vicinity map is presented in Figure 1, and a location map is presented in Figure 2. The subdivision map is presented in Figure 3. All figures are attached.

Background

In 2013, the state of California enacted legislation (SB 743) which required the Governor's Office of Planning and Research (OPR) to identify new metrics for measuring and mitigating transportation impacts within the California Environmental Quality Act (CEQA). For land development projects, OPR recommended replacing the metric of vehicle delay, as defined by level of service (LOS) and other similar measures, with VMT metrics based on project land use. Regulatory changes to CEQA Guidelines incorporating SB 743 were approved on December 28, 2018. Statewide implementation began on July 1, 2020.

Analysis

An evaluation of vehicle miles traveled (VMT) for project traffic was conducted in accordance with California Environmental Quality Act (CEQA) requirements. The City of Farmersville has adopted the "County of Tulare SB 743 Guidelines", dated June 8, 2020, which contains recommendations regarding VMT assessment, significance thresholds and mitigation measures.

Baseline VMT was determined by utilizing data from the California Statewide Travel Demand Model (CSTDM). The proposed residential project is located in Traffic Analysis Zone (TAZ) 2757, which has an average VMT/capita of 11.27 miles. The proposed residential project is considered a typical project within the TAZ and therefore the project would be expected to have the same VMT per capita. There are no special considerations with the project to assume the project would produce a VMT/capita lower than the average for the TAZ. The threshold of significance for residential project VMT/capita is if the project VMT is below the average in the

TAZ where the project is located. Since VMT/capita is assumed to be equal to the average for the aforementioned zone, it is anticipated that the proposed project will have a significant transportation impact prior to mitigation.

Mitigation

The Tulare County guidelines include detailed instructions for mitigation if a project has significant impacts. The guidelines state "The preferred method of VMT mitigation in Tulare County is for project applicants to provide transportation improvements that facilitate travel by walking, bicycling, or transit." In accordance with these guidelines, a survey was conducted within a half mile of the project to determine any pedestrian, bicycle or transit facilities deficiencies exist. After review, ADA compliant wheelchair ramps are proposed to be constructed. The locations of the ADA compliant wheelchair ramps were chosen with careful consideration after reviewing the proposed VMT mitigation for the proposed residential development directly south of this project.

The proposed addition of ADA compliant wheelchair ramps are located at the following locations:

- Ash Street & Kern Avenue (2 ramps)
- Ash Street & Linnell Avenue (4 ramps)
- Costner Street & Linnell Avenue (2 ramps)

The total project cost is estimated at approximately $38,400 with a 20% contingency. The guidelines include a minimum cost for mitigation of $20 per daily trip generated by the project or 0.5% of the total construction cost of the project (not including land acquisition). As shown in Table 1, the project is anticipated to generate 1,795 daily trips, which equates to a target value of improvements of $35,900.

Notwithstanding the recommended improvement locations, the total fee paid towards the improvements should be less than or equal to the $35,900. The applicant and the City shall work together to determine a scope of work that does not exceed the $35,900 value, depending on the construction costs determined at the time that the project proceeds.

Pursuant to the guidelines, if a project provides mitigation which meets the minimum threshold listed above, the project can presume a 1% reduction in VMT. The assumed VMT/capita reduction is 1% of 11.27 or 0.11. The resulting VMT/capita after mitigation is 11.16 which is below the average VMT/capita in the TAZ which the project is located. After mitigation, the project will have a less than significant transportation impact.

Proposed VMT Mitigation



Conclusion

Project VMT/capita is presumed to be equal to the average VMT/capita in the TAZ 2757. Therefore, mitigation is recommended in the form of installation of eight ADA compliant wheelchair ramps. After mitigation, the project will have a less than significant transportation impact.

Please contact me should you have any questions.

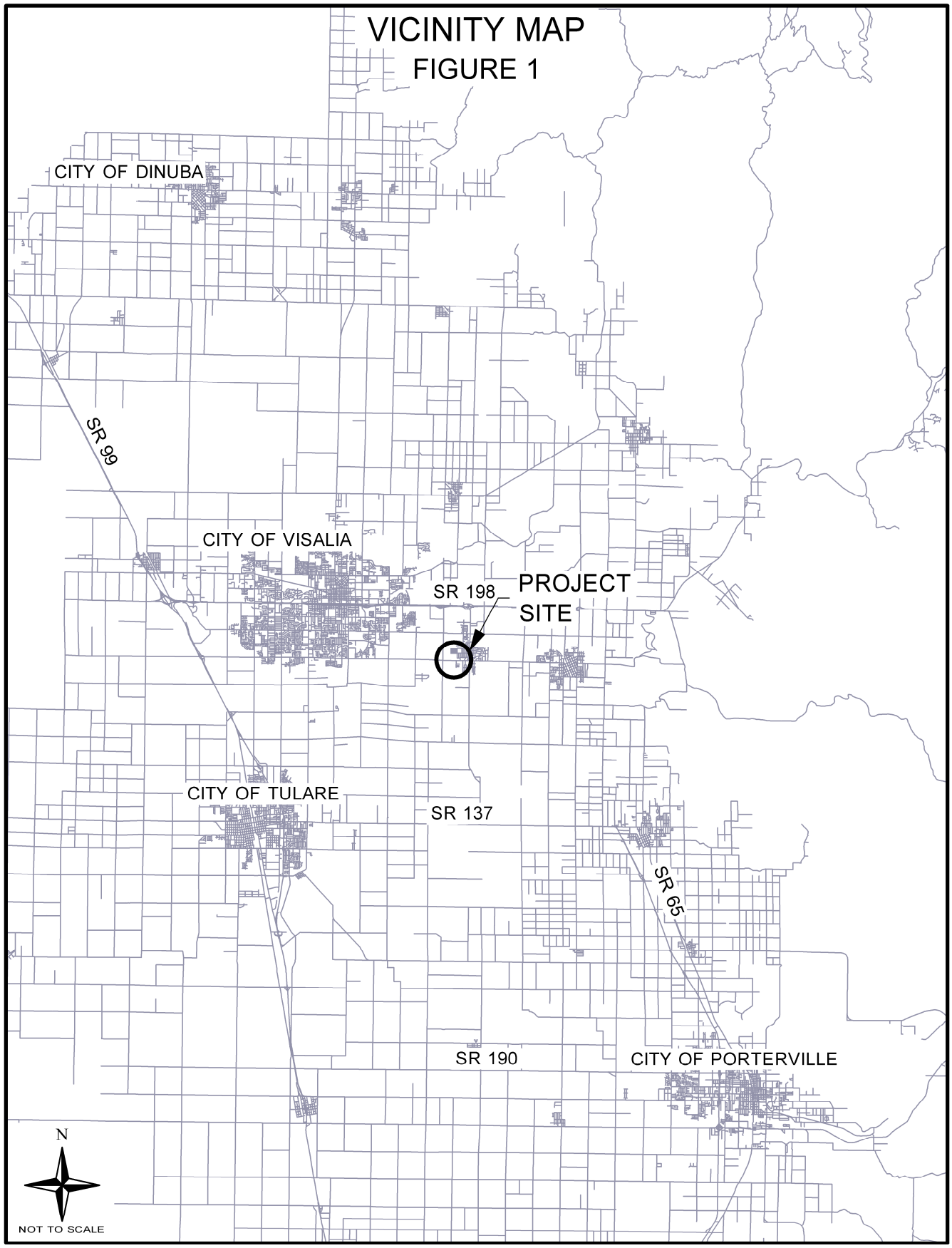
Very truly yours,

REGISTERED PROFESSIONAL ENGINEER
IAN JEFFREY PARKS
No. C58155
Exp. 6-30-26
CIVIL
STATE OF CALIFORNIA

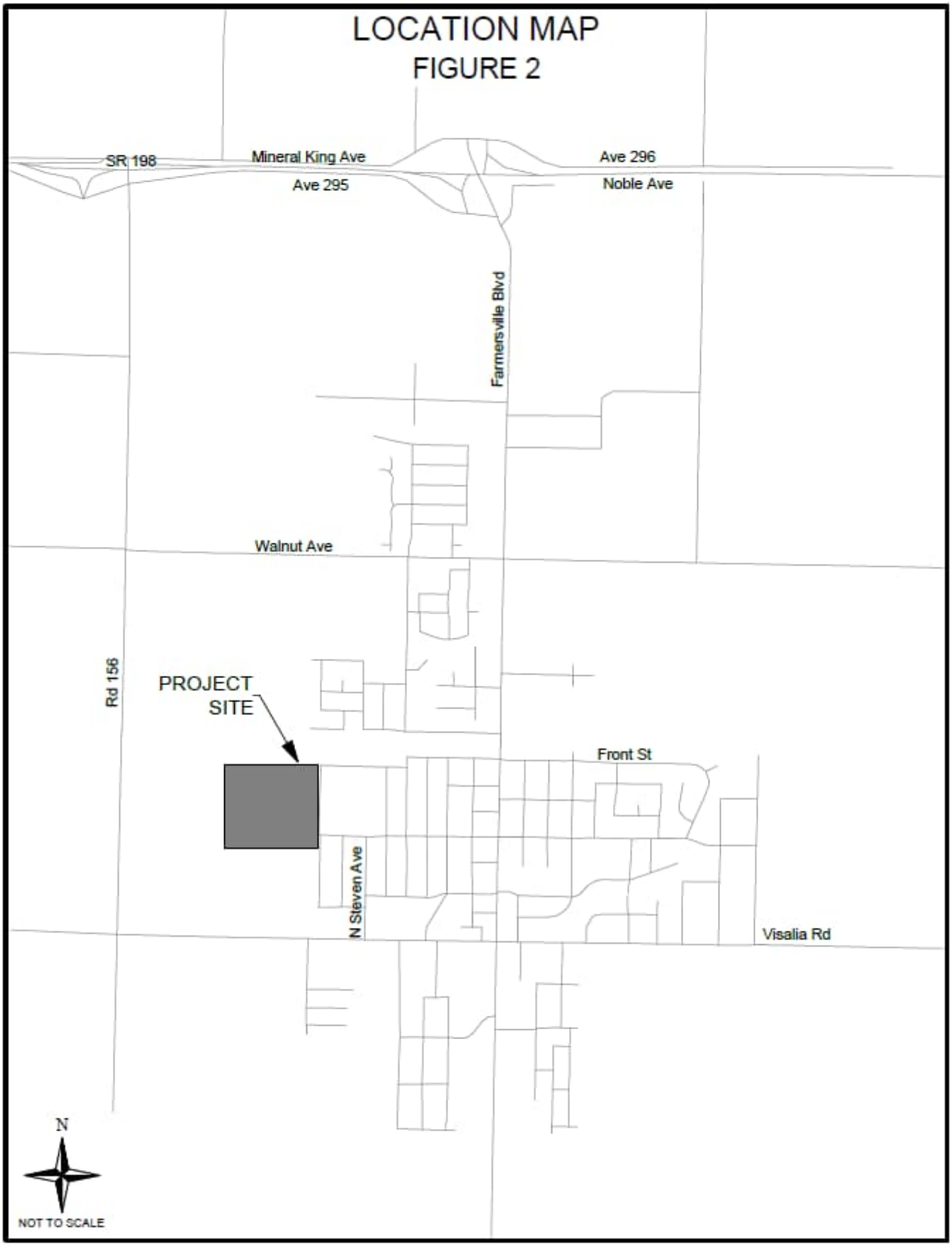
Ian J. Parks
RCE #58155

IJP/ssh

Attachments


VICINITY MAP
FIGURE 1
CITY OF DINUBA
SR 99
CITY OF VISALIA
SR 198
PROJECT
SITE
CITY OF TULARE
SR 137
SR 65
SR 190
CITY OF PORTERVILLE
N
NOT TO SCALE

LOCATION MAP
FIGURE 2



SUBDIVISION MAP

FIGURE 3

