SAN JOSÉ CITY COLLEGE FACILITIES MASTER PLAN

Draft Environmental Impact Report

SCH# 2020100536

Prepared for
San José Evergreen Community College District

May 2021

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EXECUTIVE SUMMARY

ES.1 Introduction

This Draft Environmental Impact Report (EIR) assesses the potentially significant environmental effects of implementation of the proposed San José City College Vision 2030 Facilities Master Plan (SJCC FMP). The SJCC FMP is prepared based on the San José Evergreen Community College District (District) analysis for the growth and projections explained in its San Jose City College Educational Master Plan (SJCC EMP).

This EIR provides a program-level analysis of the environmental impacts that could result from the development as envisioned in the SJCC FMP and explained in this EIR. The program EIR establishes a framework for tiered or project-level environmental documents that would be prepared in the future in accordance with the overall program. The program-level analysis addresses the effects of the maximum growth and development under this plan. This EIR also provides project-level analysis of specific projects and activities identified in the SJCC FMP, based on the level of information available at the time of preparation of this EIR. The EIR identifies mitigation measures to reduce potential significant effects of the SJCC FMP.

The District is the "lead agency" for the environmental review of the SJCC FMP and for the implementation of the development program as considered under this EIR.

This summary highlights the major areas of importance in the environmental analysis for the proposed FMP, as required by Section 15123 of the *Guidelines for Implementing the California Environmental Quality Act* (CEQA Guidelines). It provides a brief description of the development program based on the SJCC FMP, the project objectives, the significant and unavoidable environmental effects, alternatives to the SJCC FMP, and any potential areas of controversy known to the District. Additionally, this chapter summarizes (1) the potential environmental impacts that would occur as the result of implementation of the SJCC FMP; (2) the recommended mitigation measures that would avoid or reduce significant environmental impacts; and (3) the level of impact significance after mitigation measures are implemented.

ES.2 Project Location and Surrounding Uses

The SJCC campus is located at 2100 Moorpark Avenue in central San José in Santa Clara County, approximately 3 miles west of Downtown San José. The SJCC campus is immediately south of Interstate 280 (I-280) and is bounded by Moorpark Avenue to the north; Rexford Way,

Mansfield Drive, Kingman Avenue, Fruitdale Avenue to the south; Laswell Avenue, and South Bascom Avenue to the west; and Leigh Avenue to the east.

The approximately 58-acre campus is in the midst of an urban setting and is currently developed with several buildings-both educational and administrative to house several programs, a library, sports facilities, parking and access ways, and other ancillary facilities.

The SJCC campus is surrounded by a variety of land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a San José Fire Department fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280.

With the presence of the SJCC campus and Santa Clara Valley Medical Center, there is a variety of commercial uses (medical related) and retail (fast food) uses along the west edge of the campus on South Bascom Avenue.

ES.3 Project Description

The SJCC is a currently operating community college campus built with approximately 634,700 gross square feet (GSF) of built space. The District proposes facilities improvements as envisioned in the SJCC FMP and funded by Bond Measures G and X. Facility improvements contained in the SJCC FMP to meet the future program needs include demolition and removal of certain existing buildings on the campus; the construction of certain new buildings and the renovation of certain existing buildings and facilities; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements.

Overall, the SJCC FMP proposes demolition of approximately 108,800 GSF and remodeling and renovations of approximately 257,100 GSF of existing built spaces, plus a net increase of 7,500 GSF. There would be new construction of approximately 415,000 GSF of built spaces. These proposed facilities would be supported with related improvement to the existing circulation network; with the addition of one new vehicular access point, drop-off areas, parking and open space landscape improvements.

New Construction: The SJCC FMP proposes construction of six (6) new buildings and partial new addition to an existing building. Overall, there would be new construction of approximately 415,000 GSF and a net addition of approximately 370,100 GSF. These new buildings are the following:

1. General Education/Business Complex for approximately 104,500 GSF
2. Career Technical Education Building (CTE Building) for approximately 85,000 GSF
3. Child Development Center for approximately 15,000 GSF
4. Aquatics Center for approximately 11,000 GSF
5. Maintenance and Operations/Reprographics for approximately 15,000 GSF
6. Drama + Theater Arts Building (D+TH), partial addition of net approximate 25,600 GSF

Renovations/Repurpose of Existing Buildings: The proposed SJCC FMP identifies certain existing buildings for renovations and repurposing to accommodate educational programs, sports facilities, and expansion of central plant. These existing buildings and facilities are:

1. CTE 200 Building, renovations of approximately 41,800 GSF
2. Reprographics and Cosmetology Building, partial renovations approximately 30,600 GSF
3. Technology Center, partial renovations of approximately 80,000 GSF
4. Jaguar Student Development and Multi-Cultural Center, renovations of approximately 35,400 GSF
5. Student Center, partial renovation of approximately 69,000 GSF
6. Central Plant, interior equipment upgrades of approximately 7,700 GSF
7. Track and Field replacement, an outdoor sports facility improvements/replacements

Demolition: The SJCC FMP identified seven buildings for demolition and partial removal, to eliminate non-functioning space and replace the oldest and most aged facilities with new facilities:

1. Business Building, demolish approximately 25,300 GSF
2. General Education Buildings, demolish approximately 43,700 GSF
3. CTE 300 Building, currently in the process of demolition
4. CTE 100 Building, demolish approximately 37,000 GSF
5. Applied Sciences Building D, currently in the process of demolition
6. D +TH, partial demolition of approximately 10,000 GSF
7. Former Child Development Center, previously demolished

Site Access, Parking, and Circulation: The SJCC FMP proposes improvement to the existing circulation network; with the addition of one new vehicular access point, drop-off areas, automobile and bicycle parking, and pedestrian access and circulation. These improvements include:

- Reconfiguration of the primary entrance to the SJCC campus at Leigh Avenue
- Vehicular gateways at all new and existing access points to the campus; including the entrance at Laswell Avenue
- Creation of an internal perimeter loop to improve student and service access and circulation
- Additional and improved pedestrian drop-offs in the SJCC campus
- Series of north-south pedestrian walkways (or spines)
- Automobile and bicycle parking

Open Space and Landscaping: The SJCC FMP proposes development of a hierarchy of open spaces, ranging from large, active, formal and informal gathering spaces to smaller, intimate, and purpose-built spaces.

Utilities: The SJCC FMC also includes installation of dry utilities such as fiber optics for internet services, telephone and computer hookups are closely related to provision of higher education on campus and as on-line distance learning for the new construction as well as all renovations/ repurposing of existing buildings. Similarly, the heating, ventilation, air conditioning, water, sewer and storm drain utilities to these facilities is part of the proposed SJCC FMP.

ES.4 Project Objectives

CEQA Guidelines Section 15124(b) requires the description of the project in an EIR to state the objectives sought by the project.

> *A clearly written statement of objectives will help the lead agency develop a reasonable range of alternatives to evaluate in the EIR and will aid the decision makers in preparing findings or a statement of overriding considerations, if necessary. The statement of objectives should include the underlying purpose of the project.*

The proposed SJCC FMP aims to achieve the goals and objectives discussed in its FMP and the SJCC EMP, as follows:

- Update and expand SJCC facilities to accommodate projected expansion in demand for community college education and programs resulting from the population growth within the District's service area for year 2030
- Create a functional and usable space/facilities plan based on the SJCC EMP that updates the facility needs to match the projected needs
- Link the SJCC EMP's goals, strategies, and desired productivity to space quantification that balances the current and future curriculum, instructional delivery modes, effective learning environment, and necessary support structures
- Match space needs and utilization with the curriculum, create modern teaching facilities and learning environments, and provide modern support services sufficient to serve student's needs
- Reuse some existing buildings that are in good condition and have adequate space for educational and administrative functions
- Assist the District in meeting its SJCC EMP goals and objectives, particularly those related to provision of educational programs and supportive needs
- Implement a well-conceived and well-justified plan for capital outlay projects that are an outcome of a sound master planning process
- Provide an optimal educational and supportive services to the students of the San José City College

ES.5 Proposed Project Impacts: Significant and Unavoidable Environmental Effects

Throughout this EIR, significant environmental impacts are identified, and mitigation measures are described that would eliminate the impacts or decrease them to a less-than significant level. Similarly, many impacts are identified that would be less-than-significant without the need for mitigation measures. There are, however, a number of impacts that are identified that cannot be eliminated or cannot be decreased to a level of insignificance even with the implementation of feasible mitigation measures. The unavoidable significant environmental impacts of the SJCC FMP are listed in **Table ES-1**.

TABLE ES-1
SIGNIFICANT AND UNAVOIDABLE IMPACTS OF THE PROPOSED SJCC FMP

Impacts
3.5 Noise and Vibration
Impact 3.5-1: Construction activities associated with the implementation of the SJCC FMP could result in temporary increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.
Cumulative Impacts
Impact C-3.5-5: Construction activities associated with the SJCC FMP combined with cumulative construction noise in the vicinity of the SJCC campus would result in a substantial temporary or periodic increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.

ES.6 Alternatives to the Proposed SJCC FMP

Chapter 4, *Alternatives,* analyzes a range of reasonable alternatives to the proposed project, including the No Project - Implement SJCC 2025 Updated FMP Alternative (Alternative 1), the Reduced Project Alternative (Alternative 2), and the Renovations Only Alternative (Alternative 3).
A number of other possible alternatives were also considered but were rejected from further evaluation because the offered no clear environmental benefits or did not meet the District's goals and objectives for the SJCC as described in their Educational and Facilities Master Plans. These included an alternative site, shift the growth to the Evergreen Valley College campus, and a no project - no development alternative.

Chapter 4 discusses the alternatives, and provides a comparative analysis of these alternatives to the proposed SJCC FMP. Chapter 4 also provides a summary of impact levels within all environmental topic areas for the three alternatives.

The ***No Project - Implement SJCC 2025 Updated FMP Alternative*** (***Alternative 1***) would not implement the renovation, demolition, or new construction included in the proposed SJCC FMP. Instead this alternative would continue to implement the SJCC 2025 Updated FMP, the existing facility master plan for the SJCC campus. This alternative would meet the District's objectives of expanding the capacity of campus facilities to meet projected future demand within the SJCC service area and modernizing a number of aged facilities across the campus. Relative to the proposed SJCC FMP, the No Project - Implement SJCC 2025 Updated FMP Alternative would be

less effective in achieving the District's objectives related to provision of structures and programming that supports the District's desired academic program offerings and current desires regarding campus layout and function.

The ***Reduced Project Alternative*** (***Alternative 2***) would implement portions of the development program proposed under the SJCC FMP such as a new CTE Building at the site of the demolished CTE Building 300 Building, and a new Child Development Center-Phase I on the site of the former Child Development Center. It also assumes the demolition of the existing Business and General Education Buildings, to be replaced with a new General Education/Business Complex, as proposed under the SJCC FMP. This alternative would slightly lessen some of the SJCC FMP's less-than-significant effects, but would not fully meet the project objectives.

The ***Renovations Only Alternative*** (***Alternative 3***) assumes only the campus buildings and facilities that are proposed for renovation under the SJCC FMP would be implemented, rather than the full suite of demolition and new construction assumed under the SJCC FMP, with the exception of CTE Building 300 and Applied Sciences Building D (which were previously approved by the District for demolition and slated for demolition in 2021). There would also be no construction of new buildings at the campus that are proposed under the SJCC FMP (i.e., no General Education/Business Complex, Aquatics Center or Parking Structure). This alternative would be the environmentally superior alternative. This alternative would avoid the two significant and unavoidable construction noise impacts that could occur under the proposed SJCC FMP, as well reduce the level or severity of other significant but mitigable impacts that could occur under the proposed SJCC FMP. However, this alternative would fail to fully achieve a number of the project objectives of the SJCC FMP, including expanding student capacity to accommodate anticipated future demand for community college services within the area traditionally served by the SJCC.

ES.7 Comments on Initial Study and Notice of Preparation

The District previously circulated a Notice of Preparation (NOP) / Draft Initial Study (IS) for the SJCC FMP (State Clearinghouse No. 2020100536). The NOP/IS public review and comment period was October 27, 2020 through November 27, 2020. Based on responses and comments received on the NOP/IS, the District determined that an EIR would be required for the SJCC FMP. The NOP/IS is included in **Appendix A** of this EIR. The comments received on the NOP/IS are included in **Appendix G**.

The District sent the NOP/IS to agencies with statutory responsibilities in connection with the project with the request for input on the scope and content of the environmental information that should be addressed in the EIR. The District received three written comment letters in response to the NOP/IS.

- Native American Heritage Commission, letter dated October 29, 2020
- County of Santa Clara Roads and Airport Department, letter dated November 30, 2020
- Santa Clara Valley Water District, email dated December 1, 2020

An additional letter from County of Santa Clara Roads and Airport Department dated February 22, 2021 was received after the NOP comment period.

ES.8 Summary of Impacts and Mitigation Measures

Table ES-2 summarizes the impacts of the proposed SJCC FMP, identifies the significance determination of each impact, and presents the full text of the identified mitigation measures and presents the full text of the applicable mitigation measures and improvement measures for the proposed project.

TABLE ES-2
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.1 Air Quality			
Impact 3.1-1: SJCC FMP construction and operation could conflict with or obstruct implementation of the applicable air quality plan.	S	Implement Mitigation Measure 3.1-2**:** Best Management Practices for Controlling Particulate Emissions during Construction, Mitigation Measure 3.1-3: Construction Health Risk Reduction Plan, and Mitigation Measure 3.4-1e, Electric Vehicle Charging in Section 3.4, Greenhouse Gas Emissions.	LTS
Impact 3.1-2: Construction activities associated with the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is non-attainment under an applicable federal or State ambient air quality standard**.**	S	**Mitigation Measure 3.1-2: Best Management Practices for Controlling Particulate Emissions during Construction** To reduce impacts from fugitive dust emissions during SJCC FMP construction, construction contractors shall be required to implement the following BMPs recommended by the BAAQMD for all projects. These measures will reduce particulate emissions primarily during soil movement, grading and demolition activities but also during vehicle and equipment movement on unpaved project sites: • All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day. • All haul trucks transporting soil, sand, or other loose material off-site shall be covered. • All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. • All vehicle speeds on unpaved roads shall be limited to 15 mph. • All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used. • Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. • Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.	LTS

LTS = less than significant; NA = not applicable; NI = No Impact; S = significant; SU = significant and unavoidable.

TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.1 Air Quality (cont.)			
Impact 3.1-3: Operation of campus facilities and buildings developed under the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is non-attainment under an applicable federal or State ambient air quality standard.	LTS	None required.	NA
Impact 3.1-4: Construction activities associated with the SJCC FMP could lead to health risks from exposure of sensitive receptors to substantial concentrations of TACs.	S	**Mitigation Measure 3.1-3: Construction Health Risk Reduction Plan** SJCC shall require construction contractors to implement a Construction Health Risk Reduction Plan that includes the following measures. These measures shall be included as part of contract specifications: a. Construction contractors shall be required to demonstrate that all heavy-duty off-road construction equipment with engines greater than 25 horsepower used for construction activities shall be equipped with the most effective Verified Diesel Emissions Control Strategies (VDECS) available for the engine type. In this case, the best available VDECS would be implementation of Tier 4F engines as certified by CARB and U.S. EPA. This adherence shall be verified through submittal of an equipment inventory and Certification Statement to the BAAQMD. The Certification Statement must state that each contractor agrees to compliance and acknowledges that a significant violation of this requirement shall constitute a material breach of the contractor's agreement and/or the general contract with the project applicant. b. Use alternative fuels as commercially available, such as renewable diesel, biodiesel, natural gas, propane, and electric equipment, to the extent feasible. Portable equipment shall be powered by grid electricity or alternative, non-fossil fuels (i.e., not diesel) instead of by diesel generators. c. Idling times on all diesel-fueled commercial vehicles weighing more than 10,000 pounds shall be minimized either by shutting equipment off when not in use or by reducing the maximum idling time to two minutes. This limit is more restrictive than the five-minute limit required by the California airborne toxics control measure (California Code of Regulations Title 13, Section 2485s). Clear signage to this effect shall be provided for construction workers at all access points. d. Idling times on all diesel-fueled off-road equipment exceeding 25 horsepower shall be minimized either by shutting equipment off when not in use or by reducing the maximum idling time to two minutes. Fleet operators must develop a written policy as required by California Code of Regulations Title 23, Section 2449 ("California Air Resources Board Off-Road Diesel Regulations").	LTS
Impact 3.1-5: The proposed SJCC FMP could lead to increased health risks from exposure of sensitive receptors to substantial concentrations of criteria air pollutants.	LTS	None required.	NA

LTS = less than significant; NA = not applicable; NI = No Impact; S = significant; SU = significant and unavoidable.

TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.1 Air Quality (cont.)			
Cumulative Impacts			
Impact C-3.1-6: Implementation of the SJCC FMP combined with cumulative development in the vicinity would result in a cumulatively considerable net increase of a criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard.	S	Implement Mitigation Measure 3.1-2.	LTS
Impact C-3.1-7: Implementation of the SJCC FMP could contribute considerably to cumulative emissions of TACs and $PM_{2.5}$ that could expose sensitive receptors to substantial pollutant concentrations or health risks.	S	Implement Mitigation Measure 3.1-3.	LTS
EIR Section 3.2 Cultural (Historic) Resources			
Impact 3.2-1: Implementation of the SJCC FMP would demolish historic architectural resources, but would not result in a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5.	NI	None required.	NA
Cumulative Impacts			
Impact C-3.2-2: Implementation of the SJCC FMP would result in cumulatively considerable impacts on historic architectural resources, in combination with past, present and reasonably foreseeable future projects in the vicinity of the SJCC campus site.	NI	None required.	NA

LTS = less than significant; NA = not applicable; NI = No Impact; S = significant; SU = significant and unavoidable.

TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.3 Energy			
Impact 3.3-1: The SJCC FMP would not result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during construction or operation.	LTS	None required.	NA
Impact 3.3-2: Energy use associated with the implementation of the proposed SJCC FMP would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency.	S	Implement Mitigation Measures 3.4-1a through 3.4-1j in Section 3.4, Greenhouse Gas Emissions.	LTS
Cumulative Impacts			
Impact C-3.3-3: Energy use associated with the implementation of the SJCC FMP would not result in a cumulatively considerable contribution to a significant energy impact.	S	Implement Mitigation Measures 3.1-1a, 3.1-1b, and 3.1-1c in Section 3.1, Air Quality, and Mitigation Measures 3.4-1a through 3.4-1j in Section 3.4, Greenhouse Gas Emissions.	LTS
EIR Section 3.4 Greenhouse Gas Emissions			
Impact 3.4-1: Construction and operation of development proposed under the SJCC FMP could generate GHG emissions, either directly or indirectly, that could conflict with applicable plans, policies, or regulations adopted for the purpose of reducing the emissions of GHGs and lead to a significant impact on the environment.	S	**Mitigation Measure 3.4-1a:** Carbon-free Electricity. To the extent feasible, electricity used at the campus shall be from renewable carbon-free energy sources (San José Clean Energy provides the option to choose the TotalGreen program that includes electricity generated entirely from renewable, carbon-free sources like solar and wind. **Mitigation Measure 3.4-1b:** As feasible, construct new buildings as Zero Net Energy with no natural gas infrastructure and relying entirely on carbon-free renewable electricity either purchased (see Mitigation Measure 3.4-1a) or generated onsite (see Mitigation Measure 3.4-1c). **Mitigation Measure 3.4-1c:** As feasible, install on-site photovoltaic systems on building rooftops and parking lots to reduce the total energy needs of the proposed new buildings. **Mitigation Measure 3.4-1d:** As feasible, zero emission vehicles shall constitute at least 25 percent of the operation and maintenance vehicle fleet at the campus by 2025 and increased to 50 percent of the fleet by 2030. **Mitigation Measure 3.4-1e:** Electric Vehicle Charging. As feasible, as part of project design, allocate at least 10 percent of all parking spaces to be equipped with electric vehicle (EV) charging equipment to promote the use of zero-emission vehicles and plug-in electric passenger vehicles.	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.4 Greenhouse Gas Emissions (cont.)			
Impact 3.4-1 (cont.)		**Mitigation Measure 3.4-1f:** LEED Certification. As feasible, new buildings and major renovations shall be constructed to achieve LEED Silver or equivalent rating. **Mitigation Measure 3.4-1g:** Solid Waste Reduction Plan. The District shall develop and implement a Solid Waste Reduction Plan that evaluates and quantifies current solid waste generation levels at the campus and proposes measures to reduce waste generation. The Solid Waste Reduction Plan shall aim to divert 90 percent of waste from landfills by 2030. **Mitigation Measure 3.4-1h:** Use of Sustainable products and methods. Maximize use of sustainable products and services in construction and operation of the campus. The design team (architect/engineer) shall recommend building materials and methods with life cycles (manufacture, installation, maintenance, repair, and replacement) of reduced environmental impacts. Considerations shall also include energy efficiency, energy required in the manufacturing process, life cycle duration, and maintenance and replacement costs. **Mitigation Measure 3.4-1i:** Water Conservation Measures. Project design shall implement measures to conserve water, including such measures to install controls to optimize irrigation water, reduce water usage in restrooms and showers, and promote the use of reclaimed water. The use of decorative fountains shall be minimized. If feasible, campus uses shall use recycled water for all non-potable demands identified such as toilet flushing, irrigation, and cooling. Irrigation water use for landscaping shall be minimized by using plant species that have low water requirements and are well adapted to San Jose's Mediterranean climate. To the extent feasible, storm water shall be reused for beneficial uses on-campus. **Mitigation Measure 3.4-1j:** Implement Transportation Demand Management measures to reduce automobile trips to the campus by encouraging the use of alternative modes of transportation. As feasible, the TDM measures may include, but are not limited to, the following: • Make available transit passes to staff and students to make transit an attractive, affordable mode of travel. • Provide pre-tax commuter benefits for staff to exclude their transit or vanpooling expenses from taxable income or an alternate commuter benefit option consistent with the MTC/BAAQMD Commuter Benefits Program required for employers with 50 or more full-time employees. • Use technology-based information, encouragement, and trip coordination services to encourage carpooling, transit, walking, and biking by staff and students. These can include third-party apps to distribute incentives to people who choose to use these modes. • Provide dedicated parking for carpool and vanpool vehicles near building and garage entrances. • Provide secure and convenient bicycle parking, such as lockers or secured bicycle rooms. • Provide assistance in rideshare coordination, such as implementation of the 511 Regional Rideshare Program or equivalent, as recommended by the 2017 CAP. • Dedicate curbside areas for passenger pickup by ride-hailing services, to minimize traffic intrusion and double-parking by rideshare vehicles.	

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.5 Noise			
Impact 3.5-1: Construction activities associated with the implementation of the SJCC FMP could result in temporary increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	S	**Mitigation Measure 3.5-1: Construction Noise Reduction Plan** The District shall prepare a Construction Noise Reduction Plan, to be implemented as development occurs throughout the campus to address noise from demolition, renovation and construction of buildings within 500 feet of residential uses (construction of the Child Development Center, the CTE building, the Aquatic Center, and the parking Structure, demolition of CTE 100 building, renovation of CTE 200 building and the Central Plant). This Construction Noise Reduction Plan shall include, at a minimum, the following noise reduction measures: 1. **Construction Schedule:** Construction hours shall be limited to between 7 a.m. and 7 p.m., Monday through Friday. No construction activities shall take place on weekends at sites within 500 feet of a residence. Beyond 500 feet of residential uses, weekend construction shall be limited to the hours to 10 a.m. to 6 p.m. Extreme noise generating activities such as pile driving (if required) and other activities with the potential to create extreme noise levels exceeding 90 dBA shall be conducted only between 10 a.m. and 4 p.m. The loudest construction activities, such as demolition and pile driving, shall be considered for scheduling during academic breaks when fewer people would be present on campus and be disturbed by construction noise. 2. **Site Perimeter Barrier:** To reduce noise levels from construction occurring within 500 feet of residential uses, a noise barrier shall be constructed along the perimeter of the construction site facing the receptor(s). Barriers shall be constructed either with two layers of 0.5-inch-thick plywood (joints staggered) and K-rail or other support, or with a limp mass barrier material weighing 2 pounds per square foot. If commercial barriers are employed, such barriers shall be constructed of materials with a Sound Transmission Class rating of 25 or greater. 3. **Stationary Equipment:** Stationary noise sources, such as generators and air compressors, shall be located as far from onsite receptors and adjacent properties as possible. These noise sources shall be muffled and enclosed within temporary sheds, or shall incorporate insulation barriers to provide additional noise reduction. For stationary equipment that will operate for more than one week within 500 feet of a noise-sensitive land use, additional localized barriers around such equipment shall be incorporated, that break the line of sight[1] to neighboring receptors. 4. T**emporary Power:** Temporary power poles shall be used instead of generators, where feasible. 5. **Construction Equipment:** All internal combustion–driven equipment shall be equipped with intake and exhaust mufflers that are in good condition and appropriate for the equipment. Exhaust mufflers shall be provided on pneumatic tools when in operation for more than one week within 500 feet of a noise-sensitive land use. All equipment shall be properly maintained. 6. **Truck Traffic:** Individual truck idling shall be restricted to no more than two consecutive minutes per trip end. Trucks shall load and unload materials in the construction areas, rather than idling on local streets. If truck staging is required, to the extent possible, the staging areas shall be located along major roadways with higher traffic noise levels or away from the noise-sensitive receivers.	SU

[1] If a barrier does not block the line of sight between the source and the observer, the barrier will provide little or no attenuation (U.S. Department of Housing and Urban Development, *The Noise Guidebook*, prepared by The Environmental Planning Division, Office of Environment and Energy, March 2009, p. 24).

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.5 Noise			
Impact 3.5-1 (cont.)		7. **Methods:** The construction contractor(s) shall consider alternative, less noise generating equipment and methods wherever feasible. Utilize "quiet" air compressors and other stationary noise sources where technology exists. Consider alternative methods of pile installation, such as drilling, if pile installation is required. Piles could be pre-drilled, as practicable, and a wood block placed between the hammer and pile to reduce metal-to-metal contact noise and "ringing" of the pile. Unnecessary idling of internal combustion engines shall be prohibited. 8. **Signals:** The use of noise-producing signals, including horns, whistles, alarms, and bells shall be for safety and warning purposes only. Noise from public address loudspeakers, two-way radio, or music system used during construction shall not be audible at any adjacent noise-sensitive receptor except for emergency uses. 9. **Notification Requirements:** Businesses and residents within 500 feet shall be notified by mail at least one month before the start of construction activities. The notification shall include, at a minimum, the estimated duration of the construction, construction hours, and contact information. The same information shall be posted at construction site boundaries. Onsite academic and administrative uses shall be notified at least a week ahead of construction activities scheduled nearby. 10. **Complaint Protocol and Noise Complaint Liaison:** Protocols shall be implemented for receiving, responding to, and tracking received complaints. A noise complaint liaison shall be identified to field complaints regarding construction noise and interface with the SJCC FMP construction team. The liaison shall determine the cause of the noise complaint and require that measures to correct the problem be implemented. Signage that includes the community liaison's telephone number shall be posted at the construction site and the liaison's contact information shall be included in the notice sent to neighboring businesses and residents regarding the construction schedule.	
Impact 3.5-2: Stationary sources associated with operation of the proposed SJCC FMP could result in generation of a permanent increase in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	S	**Mitigation Measure 3.5-2a: Operational Noise Performance Standard for Stationary Sources** The District shall ensure that all mechanical equipment is selected and designed to reduce impacts on surrounding uses by limiting noise from stationary sources such as mechanical equipment, loading docks, and the Central Plant to 55 dBA and 60 dBA at the property lines of residential and commercial, receivers, respectively. Methods of achieving these standards include using low-noise-emitting HVAC equipment, locating HVAC and other mechanical equipment within a rooftop mechanical penthouse, and using shields and parapets to reduce noise levels to adjacent land uses. For emergency generators, industrial-grade silencers can reduce exhaust noise by 12 to 18 dBA, and residential-grade silencers can reduce such noise by 18 to 25 dBA (American Society of Heating, 2006). Acoustical screening can also be applied to exterior noise sources of the Central Plant which can achieve up to 15 dBA of noise reduction (Environmental Noise Control, 2014). An acoustical study shall be prepared by a qualified acoustical engineer during final building design to evaluate the potential noise generated by building mechanical equipment and to identify the necessary design measures to be incorporated to meet the City's standards at adjacent offsite receptors.	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.5 Noise (cont.)			
Impact 3.5-2 (cont.)		**Mitigation Measure 3.5-2b: Noise Reduction Measures for the Aquatic Center** The District shall incorporate the following measures in the final design of the aquatic center to reduce noise impacts to offsite receptors: • The line of sight between the pool and the residences to the east of Leigh Avenue shall be blocked either by structures associated with the Aquatic Center or a noise barrier along the eastern boundary of the proposed Aquatic Center. • Placement of speakers shall be adjusted such that the line of sight from the speakers to neighbors to the east is obstructed by the wall. • The audio system shall be designed to direct speakers away from the offsite neighbors to the east. • Use of narrow coverage directional speakers shall be considered to direct sound primarily towards the spectators.	
Impact 3.5-3: SJCC FMP-generated traffic noise would result in permanent increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	LTS	None required.	NA
Impact 3.5-4: Construction activities associated with the implementation of the SJCC FMP could result in the generation of excessive groundborne vibration or groundborne noise levels.	S	**Mitigation Measure 3.5-3: Construction Vibration Avoidance and Reduction Plan** The District shall incorporate the following measures to reduce vibration impacts to onsite receptors: • Pile driving activities associated with the proposed parking structure shall be scheduled to occur on weekends or during periods when instruction is not occurring on the campus, if feasible. • If pile driving activities are scheduled to occur during periods when instruction is occurring on the campus, a notice shall be posted in the vicinity of the affected classroom buildings notifying the campus community of the upcoming construction activities. • Vibration from pile driving shall be minimized using the following measures: - Foundation pile holes shall be pre-drilled to minimize the impacts required to seat the pile. - Piles shall be jetted[2] or partially jetted into place to minimize the number of impacts required to seat the piles.	LTS

2 "Pile jetting" is a technique that is frequently used in conjunction with, or separate from, pile driving equipment for pile placement. Pile jetting uses a carefully directed and pressurized flow of water to assist in pile placement. This greatly decreases the bearing capacity of the soils below the pile tip, causing the pile to descend toward its final tip elevation with much less soil resistance, largely under its own weight.

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.5 Noise (cont.)			
Impact 3.5-4 (cont.)		- A construction vibration monitoring plan shall be implemented to document conditions before, during, and after pile driving. All plan tasks shall be undertaken under the direction of a Professional Structural Engineer licensed in the State of California, in accordance with industry-accepted standard methods. The construction vibration monitoring plan shall include the following tasks: ▪ Identify the sensitivity of nearby structures to groundborne vibration. A vibration survey (generally described below) would need to be performed. ▪ Perform a pre-construction photo survey, elevation survey, and crack monitoring survey for each of these structures. Surveys shall be performed before any pile driving activity, at regular intervals during pile driving, and after completion. The surveys shall include monitoring for internal and external cracks in structures, settlement, and distress, and shall document the condition of foundations, walls, and other structural elements in the interior and exterior of the structures. ▪ Develop a vibration monitoring and construction contingency plan. The plan shall identify structures where monitoring is to be conducted, establish a vibration monitoring schedule, define structure-specific vibration limits, and address the need to conduct photo, elevation, and crack surveys to document conditions before and after pile driving. ▪ Identify alternative construction methods for when vibration levels approach the limits stated in the General Plan, such as in Policy EC-2.3. ▪ If vibration levels approach the limits, suspend construction and implement alternative construction methods to either lower vibration levels or secure the affected structures. ▪ Conduct a post-construction survey on structures where either monitoring has indicated high vibration levels or complaints have been received regarding damage. Make appropriate repairs where damage has resulted from construction activities.	
Cumulative Impacts			
Impact C-3.5-5: Construction activities associated with the SJCC FMP combined with cumulative construction noise in the vicinity of the SJCC campus would result in a substantial temporary or periodic increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.	S	Implement Mitigation Measure 3.5-1, Master Construction Noise Reduction Plan.	SU

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.5 Noise (cont.)			
Cumulative Impacts (cont.)			
Impact C-3.5-6: Operation of the SJCC FMP when considered with other cumulative development would cause a substantial permanent increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.	LTS	None required.	NA
EIR Section 3.6 Transportation			
Impact 3.6-1: Implementation of the SJCC FMP could conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.	NI	None required.	NA
Impact 3.6-2: Implementation of the SJCC FMP could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivisions (b).	LTS	None required.	NA
Impact 3.6-3: Implementation of the SJCC FMP could substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).	LTS	None required.	NA
Impact 3.6-4: Implementation of the SJCC FMP could result in inadequate emergency access.	LTS	None required.	NA

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.6 Transportation (cont.)			
Impact 3.6-5: Construction activities under the SJCC FMP could temporarily impact travel conditions along sidewalks and roadways serving the SJCC site.	S	**Mitigation Measure 3.6-1: Construction Coordination and Monitoring Measures** a) **Construction Traffic Control Plan** – In order to reduce potential conflicts between construction activities and pedestrians, transit and autos during construction activities at the SJCC campus, the District shall require construction contractor(s) to prepare a traffic control plan for major phases of project construction (e.g., demolition, construction, or renovation of individual buildings). The District and their construction contractor(s) will meet with relevant City and County agencies to coordinate feasible measures to reduce traffic congestion and potential traffic and transit disruption and pedestrian circulation effects during major phases of construction of the SJCC FMP projects. b) **Reduce Drive Alone Mode Share for Construction Workers** – In order to minimize parking demand and vehicle trips associated with construction workers, the District shall require the construction contractor to include in the Construction Traffic Control Plan methods to encourage walking, bicycling, carpooling, and transit access to the campus site by construction workers. c) **Project Construction Updates for Adjacent Residents and Businesses** – In order to minimize construction impacts on access for nearby residences, institutions, and businesses, the District shall provide nearby residences and businesses with regularly-updated information regarding project construction, including construction activities, peak construction vehicle activities (e.g., concrete pours, excavation),and travel lane closures via a newsletter, website, and/or construction update meetings with neighbors.	LTS
Cumulative Impacts			
Impact C-3.6-6: Implementation of the SJCC FMP, in combination with other development, could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivisions (b).	LTS	None required.	NA
Impact C-3.6-7: Implementation of the SJCC FMP, in combination with other development, could result in inadequate emergency access. (Less than Significant Cumulative Impact)	LTS	None required.	NA
Impact C-3.6-8: The proposed SJCC FMP would cause construction-related traffic impacts that would be cumulatively considerable under cumulative conditions.	Cumulatively Significant; Less than Cumulatively Considerable	Implement Mitigation Measure 3.6-2: Construction Coordination and Monitoring Measures	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.7 Utilities and Service Systems			
Impact 3.7-1: The SJCC FMP would not require or result in the relocation or construction of new or expanded water facilities, the construction or relocation of which could cause significant environmental effects.	LTS	None required.	NA
Impact 3.7-2: Sufficient water supplies would be available to serve the SJCC FMP and reasonably foreseeable future development during normal, dry, and multiple dry years.	LTS	None required.	NA
Impact 3.7-3: The proposed SJCC FMP would not result in a determination by the wastewater treatment provider that serves or may serve the project that it does not have adequate capacity to serve the SJCC FMP's projected demand in addition to the provider's existing commitments.	LTS	None required.	NA
Impact 3.7-4: Implementation of the SJCC FMP would not generate waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair attainment of solid waste reduction goals; and would comply with federal, State, or local management and reduction statutes and regulations related to solid waste.	LTS	None required.	NA

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
EIR Section 3.7 Utilities and Service Systems (cont.)			
Cumulative Impacts			
Impact C-3.7-5: Implementation of the SJCC FMP in combination with past, present, and reasonably foreseeable future projects, would not substantially contribute to cumulative impacts related to utilities and service systems	LTS	None required.	NA
Initial Study: Aesthetics			
Impact I.d: Would the project create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	S	**Mitigation Measure AES-1: Minimize Spillover Light and Nighttime Glare.** All new exterior lighting for future projects on the SJCC campus shall incorporate downward-directed lighting or cutoff-type lighting, and/or other design measures as appropriate, in order to minimize light spill and nighttime glare. The District also proposes to work with stadium lighting professionals as needed, to review any potential adjustments to existing stadium lighting that may be required, and incorporate appropriate recommendations and/or design features to ensure these improvements would not increase light spill or glare at off-site locations.	LTS
Initial Study: Biological Resources			
Impact IV.a: Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	S	**Mitigation Measure BIO-1 Avoidance and Minimization Measures for Nesting Birds** • No preconstruction surveys or avoidance measures are required for construction activities that would be completed entirely during the non-nesting season (September 1 to January 31). • For all construction activities scheduled to occur during the nesting season (February 1 to August 31), a qualified biologist (i.e., experienced with the nesting behavior of bird species of the region) shall conduct a preconstruction avian nesting survey no more than 14 days prior to the start of staging, site clearing, and/or ground disturbance. • If there is a break of 14 days or more in construction activities during the breeding season, a new nesting bird survey shall be conducted before reinitiating construction. • The surveying biologist shall be capable of determining the species and nesting stage without causing intrusive disturbance. The surveys shall cover all potential nesting sites within 500 feet of the project area for raptors and within 300 feet for other birds. If active nests are found in the proposed project area or vicinity, a no-disturbance buffer shall be created around the active nests, as determined by a qualified biologist. The buffer distance can be reduced in coordination with CDFW if construction activities would not cause an adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young. If the nest(s) are found in an area where ground disturbance is scheduled to occur, ground disturbance shall be delayed until after the birds have fledged.	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
Initial Study: Biological Resources (cont.)			
Impact IV.a (cont.)		If work must occur within the established buffers, nests shall be continuously surveyed for the first 24 hours prior to any construction related activities to establish a behavioral baseline and, once work commences, all nests shall be continuously monitored to detect any behavioral changes as a result of the project, if feasible. If behavioral changes are observed, work causing the change shall cease and CDFW shall be consulted for additional avoidance and minimization measures. The avoidance and minimization measures shall ensure that the construction activities do not cause the adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young.	
Impact IV.d: Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	S	Implement Mitigation measure BIO-1.	LTS
Impact IV.f: Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	S	**Mitigation Measure BIO-2 Mitigation for Nitrogen Deposition** The SJECCD shall provide a one-time payment of $5.31 per new vehicle trip associated with implementation of the project to the Santa Clara Valley Habitat Agency for use in acquiring and managing land consistent with the adopted Santa Clara Valley HCP/NCCP.	LTS
Initial Study: Cultural Resources			
Impact V.b: Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	S	**Mitigation Measure CUL-1. Accidental Discovery of Cultural Resources** If prehistoric or historic-period archaeological resources are encountered, all construction activities within 100 feet shall halt and the SJECCD shall be notified. Prehistoric archaeological materials might include obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil ("midden") containing heat-affected rocks, artifacts, or shellfish remains; and stone milling equipment (e.g., mortars, pestles, handstones, or milling slabs); and battered stone tools, such as hammerstones and pitted stones. Historic-era materials might include deposits of metal, glass, and/or ceramic refuse. A Secretary of the Interior-qualified archaeologist shall inspect the findings within 24 hours of discovery. If it is determined that the project could damage a historical resource or a unique archaeological resource (as defined pursuant to the CEQA Guidelines), mitigation shall be implemented in accordance with PRC Section 21083.2 and Section 15126.4 of the CEQA Guidelines, with a preference for preservation in place. Consistent with Section 15126.4(b)(3), this may be accomplished through planning construction to avoid the resource; incorporating the resource within open space; capping and covering the resource; or deeding the site into a permanent conservation easement. If avoidance is not feasible, a qualified archaeologist shall prepare and implement a detailed treatment plan in consultation with the SJECCD. Treatment of unique archaeological	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
Initial Study: Cultural Resources (cont.)			
Impact V.b (cont.)		resources shall follow the applicable requirements of PRC Section 21083.2. Treatment for most resources would consist of (but would not be not limited to) sample excavation, artifact collection, site documentation, and historical research, with the aim to target the recovery of important scientific data contained in the portion(s) of the significant resource to be impacted by the project. The treatment plan shall include provisions for analysis of data in a regional context, reporting of results within a timely manner, curation of artifacts and data at an approved facility, and dissemination of reports to local and state repositories, libraries, and interested professionals.	
Impact V.c: Would the project disturb any human remains, including those interred outside of dedicated cemeteries?	S	**Mitigation Measure CUL-2: Inadvertent Discovery of Human Remains** If potential human remains are encountered, all work will halt within 100 feet of the find and the on-site construction crew will immediately contact the SJECCD. The SJECCD will contact the Santa Clara County coroner in accordance with PRC Section 5097.98 and Health and Safety Code Section 7050.5. If the coroner determines the remains are Native American, the coroner will contact the Native American Heritage Commission (NAHC). As provided in PRC Section 5097.98, the NAHC will identify the person or persons believed most likely to be descended from the deceased Native American. The most likely descendent will make recommendations for means of treating, with appropriate dignity, the human remains and any associated grave goods as provided in PRC Section 5097.98.	LTS
Initial Study: Geology and Soils			
Impact VII.f: Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	S	**Mitigation Measure GEO-1: Preconstruction Training, and Treatment, Salvage, and Curation of Paleontological Resources.** Prior to construction, a qualified paleontologist meeting the standards of the Society of Vertebrate Paleontology (SVP) (SVP, 2010) with expertise in California paleontology and on-site construction worker training. The qualified paleontologist shall complete an institutional record and literature search and shall develop a paleontological resources training program for all construction personnel and field personnel who are involved with earthmoving activities, including the site superintendent, regarding the possibility of encountering fossils, the appearance and types of fossils that are likely to be seen during construction, the proper notification procedures should fossils be encountered, and the laws and regulations protecting paleontological resources. If paleontological resources, such as fossilized bone, teeth, shell, tracks, trails, casts, molds, or impressions are discovered during ground-disturbing activities, all earthwork or other types of ground disturbance within 25 feet of the find shall stop immediately and the monitor shall notify the SJECCD. Work shall not resume until a qualified professional paleontologist can assess the nature and importance of the find. Based on the scientific value or uniqueness of the find, the qualified paleontologist may record the find and allow work to continue, or recommend salvage and recovery of the fossil. The qualified paleontologist may also propose modifications to the stop-work radius and the monitoring level of effort based on the nature of the find, site geology, and the activities occurring on the site, and in consultation with the SJECCD.	LTS

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TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
Initial Study: Geology and Soils (cont.)			
Impact VII.f (cont.)		If treatment and salvage is required, recommendations shall be consistent with the SVP 2010 Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources, and currently accepted scientific practice, and shall be subject to review and approval by the SJECCD. If required, treatment for fossil remains may include preparation and recovery of fossil materials so that they can be housed in an appropriate museum or university collection (e.g., the University of California Museum of Paleontology), and may also include preparation of a report for publication describing the finds. Upon receipt of the fossil collection, a signed repository receipt form shall be obtained and provided to the SJECCD. The qualified paleontologist shall prepare a paleontological resources report documenting the treatment, salvage, and, if applicable, curation of the paleontological resources. The SJECCD shall be responsible for the costs necessary to prepare and identify collected fossils, and for any curation fees charged by the paleontological repository. The SJECCD shall ensure that information on the nature, location, and depth of all finds is readily available to the scientific community through university curation or other appropriate means.	
Initial Study: Tribal Cultural Resources			
Impact XVIII.ai: Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources. Code Section 5020.1(k).	S	Implement Mitigation Measure CUL-1. Accidental Discovery of Cultural Resources; and Mitigation Measure CUL-2: Inadvertent Discovery of Human Remains.	LTS

LTS = less than significant; NA = not applicable; NI = No Impact; S = significant; SU = significant and unavoidable.

TABLE ES-2 (CONTINUED)
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Impact	Significance Before Mitigation	Mitigation Measure	Significance After Mitigation
Initial Study: Tribal Cultural Resources			
Impact XVIII.aii: Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	S	Implement Mitigation Measure CUL-1. Accidental Discovery of Cultural Resources; and Mitigation Measure CUL-2: Inadvertent Discovery of Human Remains.	LTS

LTS = less than significant; NA = not applicable; NI = No Impact; S = significant; SU = significant and unavoidable.

CHAPTER 1
Introduction

This Draft Environmental Impact Report (EIR) assesses the potentially significant environmental effects of implementation of the proposed San José City College Vision 2030 Facilities Master Plan (SJCC FMP). The SJCC FMP is prepared based on the San José Evergreen Community College District (District) analysis for the growth and projections explained in its San Jose City College Educational Master Plan (SJCC EMP). The relationship between the student-educational needs and the facilities updates and planning for growth is crucial to the District's mission.

As a brief background, the District is one of the oldest community college districts in the Bay area, operating out of two main campuses; one located close to Downtown San José (SJCC) and the more recent campus in the Evergreen community in southeast San José (Evergreen Valley College, or EVC). The SJCC campus has been offering community college level education since establishment 1921, and opening of the San Jose campus in 1953 in career and technical education program.

The SJCC FMP provides a framework for campus development to support the current and future academic spaces and buildings, administration spaces, sports facilities, support services space, and overall college/campus core amenity improvements. As a planning document for an existing operational college, it provides a roadmap for the physical improvements on the SJCC campus. These are:

- Reallocation of spaces for educational programs
- Use of existing buildings through strategic renovations and re-use of existing buildings
- Identifies need for new buildings and other facilities improvements
- Improves traffic circulation and pedestrian way-finding with a goal of enhancing student access and student safety
- Provides well-conceived and well-justified plan for capital outlay projects

The SJCC FMP includes space projections and as a companion document to the SJCC EMP provides linkages to the SJCC EMP for projected educational programs that will grow and need facility space. The SJCC FMP also outlines the proposed Building/Facilities Program for phased construction/sequencing through the year 2030.

As part of the proposed project, the SJCC FMP provides for development of approximately net new 459,000 square feet of new building space, demolition of approximately 109,000 square feet of existing built space, and repurposing/re-use of about 257,000 square feet of renovations/reuse

of existing buildings. No changes are envisioned for approximately 223,000 square feet of existing built space.

Three Proposition 39 general obligation bond measures; Measure G (2010) and Measure X (2016) provide the funding for the repairs, upgrades, demolition, and construction of new facilities. These bond measures will help the District meet the facilities, safety, technology, programs and services needs for the SJCC and EVC campuses.

As required by the California Environmental Quality Act (CEQA), this EIR: (1) assesses the potentially significant direct and indirect environmental impacts, as well as the potentially significant cumulative impacts, associated with implementation of the SJCC FMP; (2) identifies feasible means of avoiding or substantially lessening significant adverse impacts; and (3) evaluates a range of reasonable alternatives to the proposed project, including the required No Project Alternative.

The District is the Lead Agency for the environmental review of the implementation of the SJCC FMP in compliance with the California Code of Regulations, Title 5, Division 6, Section 57121. Specifically, the CEQA Guidelines are expressly adopted as part of the regulations promulgated to implement the Community College Construction Act of 1980.

With the District's approval of the Final EIR, the EIR, and the SJCC FMP will guide the development of the college campus through 2030.

1.1 Purpose of the Draft Environmental Impact Report

The District has prepared this EIR on the SJCC FMP for the following purposes:

- To inform the general public, the local community, and responsible, trustee and federal public agencies of the nature of the SJCC FMP, its potentially significant environmental effects, feasible measures to mitigate those effects, as well as reasonable and feasible alternatives;
- To enable the District to consider the environmental consequences of implementing the SJCC FMP;
- To enable responsible agencies to consider the environmental consequences of those SJCC FMP for which they have a role in approving or issuing permits; and
- To satisfy CEQA requirements.

As described in CEQA and the CEQA Guidelines, public agencies cannot approve projects that may cause a significant environmental impact without adopting mitigation measures or alternatives to avoid or substantially lessen those significant environmental effects, where feasible. In discharging this duty, a public agency has an obligation to balance the project's significant effects on the environment with its benefits, including economic, social, technological, legal and other benefits. This EIR is an informational document, the purpose of which is to identify the potentially significant environmental effects of implementing the SJCC FMP, and to indicate the manner in which those significant effects can be avoided or significantly lessened. The EIR also identifies any significant and unavoidable adverse impacts that cannot be mitigated

to a less-than-significant level. Reasonable and feasible alternatives to the SJCC FMP are identified that would avoid or substantially lessen any significant adverse environmental effects of the SJCC FMP.

The District is required to consider the information in the EIR, along with any other relevant information, in making its decision to approve the SJCC FMP. Although the EIR does not determine the ultimate decision that the District Board of Trustees (BOT) will be made regarding implementing the SJCC FMP or any individual project, CEQA requires the District to consider the information in the EIR and make findings regarding each significant effect identified in the EIR. If the District BOT determines the EIR to be adequate and comply with CEQA, it will certify the Final EIR prior to authorizing the implementation of the SJCC FMP.

1.2 Environmental Review Process

1.2.1 Notice of Preparation

In accordance with Section 15082 of the CEQA Guidelines, the District published a Notice of Preparation (NOP), including an Initial Study, for this EIR. The NOP was circulated to local, State, and federal agencies on October 27, 2020. A copy of the NOP/Initial Study is included in **Appendix A**. The standard 30-day comment period concluded on November 27, 2020.

The NOP provided a general description of the proposed project and identified possible environmental impacts that could result from implementation of the SJCC FMP.

Pursuant to Section 15063 of the CEQA Guidelines, an Initial Study is a preliminary environmental analysis that may be used by the lead agency to focus an EIR on the environmental effects resulting from a proposed project that may be significant. The Initial Study prepared for the SJCC FMP identified activities proposed that would clearly result in no impact or result in a less-than-significant impact under the CEQA significance criteria. No further analysis beyond that provided in the Initial Study is necessary for those activities and environmental topics.

The Initial Study also identified potential environmental effects that require detailed study in the EIR. As discussed in the Initial Study, these effects consist of less-than-significant impacts that were included in this EIR in order to provide a more comprehensive analysis; impacts for which further analysis is necessary or desirable before determinations about significance could be made; impacts that were potentially significant but may be reduced to less-than-significant levels with the adoption of mitigation measures; and impacts that may be significant and unavoidable.

1.2.2 Draft EIR

Publication of this Draft EIR will mark the beginning of a 45-day public review period. During this period, the Draft EIR will be available to the public and local, State, and federal agencies for review and comment.

This Draft EIR, including supporting technical appendices and reference materials, can be found at http://cboc.sjebond.com/program-documents/. The District encourages agencies and interested

parties to submit written comments on the Draft EIR electronically. Notice of the availability and completion of this Draft EIR will be sent directly to every agency, person, and organization that commented on the NOP, as well as the Office of Planning and Research. Written comments concerning the environmental review contained in this Draft EIR during the 45-day public review period should be sent to:

Terrance S. DeGray
Associate Vice Chancellor, Physical Plant Development and Operations
San José Evergreen Community College District
40 S. Market Street
San José, CA 95113
(408) 270-6401
Terrance.DeGray@sjeccd.edu

1.2.3 Comments and Responses

Following the close of the public and agency comment period on this Draft EIR, the District will prepare responses to all written and oral comments received during the public review that raise CEQA-related environmental issues regarding the SJCC FMP and the analysis in this EIR. The responses will be published in the Final EIR.

1.2.4 Final EIR

The Final EIR (consisting of the Draft EIR and Comments and Responses) will be considered by the District BOT in a public meeting and certified if it is determined to be in compliance with CEQA. Upon certification of the Final EIR, the District will consider approval of any individual projects under the EIR that are brought forth at that time.

1.2.5 Mitigation Monitoring and Reporting Program

Throughout this Draft EIR, mitigation measures have been described in language that will facilitate establishment of a Mitigation Monitoring and Reporting Program (MMRP). As required under CEQA (see CEQA Guidelines, Section 15097), an MMRP will be prepared and presented to the District at the time of certification of the Final EIR for the proposed FMP and will identify the specific timing and roles and responsibilities for implementation of adopted mitigation measures.

1.3 Uses of the SJCC FMP EIR

The SJCC FMP EIR will be used by the District to evaluate the environmental implications of implementing the proposed SJCC FMP.

The District has prepared a program EIR for the SJCC FMP pursuant to CEQA Guidelines Section 15168. The program EIR establishes a framework for tiered or project-level environmental documents that would be prepared in the future in accordance with the overall program. The program-level analysis addresses the effects of the maximum growth and development under this plan. A program EIR is appropriate for a series of actions that can be characterized as one large project and are either: (1) related geographically, (2) logical parts in a chain of contemplated actions, (3) connected as part of a continuing program, or (4) carried out

under the same authorizing statute or regulatory authority and have similar environmental impacts that can be mitigated in similar ways (CEQA Guidelines Section 15168). This EIR also provides project-level analysis of specific projects and activities identified in the SJCC FMP, based on the level of information available at the time of preparation of this EIR.

For projects for which details are not yet known, each project would be reviewed in light of the SJCC FMP Final EIR to determine the appropriate level of additional environmental review, if any, needed before approval and implementation of the particular project. If no new significant impacts would occur, all significant effects have been adequately addressed, and no new mitigation measures would be required, such projects could rely on the environmental analysis provided in the program EIR, and no additional analysis would be required; otherwise additional environmental analysis must be prepared. The additional analysis may rely on the program EIR as appropriate, but would be tiered to allow the analysis to focus on more project- and site specific impacts, as needed.

1.4 Scope of this EIR

As indicated above, the SJECCD prepared an Initial Study to describe the SJCC FMP and identify any potentially significant project-specific or cumulative environmental effects, as well as, identify any mitigation measures or alternatives that may avoid or mitigate the identified effects, if any, to a less-than-significant level. Based on the findings of the Initial Study, that the District determined the following topics could have potentially significant impacts:

- Air Quality
- Cultural (Historical) Resources
- Energy
- Greenhouse Gas Emissions
- Noise
- Transportation
- Utilities and Service Systems

This Draft EIR describes and evaluates these subjects and further evaluates project alternatives that may reduce or avoid any identified significant adverse impacts of the SJCC FMP.

Unless new information is presented during the environmental process, the following topics are found to have less-than-significant impacts as discussed in the Initial Study: aesthetics; archaeological resources; agriculture and forestry resources; biological resources; geology and soils; hazards and hazardous materials; hydrology and water quality; land use and planning; mineral resources; population and housing; public services; recreation; tribal cultural resources; and wildfire.

1.5 Report Organization

Executive Summary, summarizes the environmental impacts that would result from implementation of the proposed SJCC FMP, lists proposed mitigation measures and indicates the

level of significance of impacts after mitigation. A summary of the alternatives to the SJCC FMP, and the environmentally superior alternative, is also provided.

Chapter 1, ***Introduction***, provides an introduction and overview of the SJCC FMP; describes the intended uses of the EIR, including the review and certification process; and discusses the organization of the EIR.

Chapter 2, ***Project Description***, provides a detailed description of the proposed facilities improvements based on the SJCC FMP, a discussion of project need and objectives, a description of proposed physical development and growth at the SJCC campus site under the SJCC FMP and the Bond Program.

Chapter 3, ***Environmental Analysis,*** provides with respect to each environmental impact category an introduction to environmental analysis, describes the environmental setting, includes a regulatory framework, discusses the methodology used; provides a project-level impact analysis of the implementation of the SJCC FMP, and analysis of cumulative impacts; and identifies mitigation measures that would reduce or avoid those impacts as presented.

Chapter 4, ***Alternatives***, describes the alternatives to the proposed SJCC FMP that could avoid or substantially lessen significant effects and evaluates their environmental effects in comparison to the proposed FMP.

Chapter 5, ***Other CEQA Considerations***, summarizes significant and unavoidable impacts, significant irreversible environmental changes, and any growth-inducing impacts.

Chapter 6, ***Acronyms and Other Abbreviations***, lists the acronyms used in this Draft EIR in alphabetical order.

Chapter 7, ***Report Preparers, and Persons and Organizations Consulted***, identifies the persons who prepared the EIR, and those who were consulted during its preparation.

Appendices. The appendices include the NOP and Initial Study, and various supporting technical information for the Draft EIR.

1.6 Potential Implications of COVID-19

The current Coronavirus disease 2019 (COVID-19) pandemic has introduced a substantial amount of uncertainty in human lives. The pandemic has directly affected human behavior, requiring people to shelter in place, implement social distancing, and make other changes to the manner in which they live. Indirectly it has affected the economy resulting in reduced consumer spending, business closures, and widespread unemployment. While some of these trends are considered short-term and are expected to reverse, it is likely that there could be more permanent changes in the ways humans live and behave in the post pandemic world. As with humans, public agencies such as the District are also expected to make changes to the manner in which they operate. However, the net effect of the pandemic at the SJCC campus site development and operations cannot be predicted at this point in time without speculation.

CHAPTER 2
Project Description

2.1 Background

The San José City College (SJCC), located in the central part of the City of San José, is known for its career and technical education program since its establishment in 1921 and opening of the campus in 1953. It serves up to 24 zip codes surrounding the campus with broad community college-level education with approximately 8,706 students in 2019 and 8,773 students in 2020. In order to serve and plan for on-going and future educational needs for projected 10,735 students by 2030, the San José Evergreen Community College District (District) prepares several plans, including educational and facilities plans. The recent San Jose City College Educational Master Plan (SJCC EMP)[1] for the campus examines college-wide and discipline-specific projections out to 2030 for student instructional contact hours.

The SJCC Vision 2030 Facilities Master Plan (SJCC FMP), developed on the basis of the projections of future growth from the SJCC EMP, provides a comprehensive plan for the campus's physical development. The SJCC FMP is an update to the prior SJCC FMP as well. The SJCC FMP also provides an assessment of the current physical conditions of the facilities and options for future development scenarios, and is the basis for the proposed project description.

General obligation bond measures, Measure G (2010) and Measure X (2016) provide funding to upgrade the college facilities, construct energy-efficient technology-driven classrooms and laboratories, upgrade electric, plumbing, heating/ventilation systems and the physical infrastructure at the SJCC campus.

This program EIR is prepared in accordance with CEQA Statute and Guidelines to analyze potential environmental impacts that could result from the approval and implementation of projects identified in the SJCC FMP and funded by Bond Measures G and X. The District is the Lead Agency under CEQA for the proposed implementation of the SJCC FMP as funded by these bond measures and further described and discussed in this EIR. Pursuant to CEQA Guidelines Section 15168, the program-level analysis addresses the effects of the maximum growth and development under this plan. This EIR also provides project-level analysis of specific projects and activities identified in the SJCC FMP, based on the level of information available at the time of preparation of this EIR.

[1] San Jose City College Educational Master Plan (SJCC EMP), available at https://www.sjcc.edu/AcademicAffairs/Documents/SJCC%20EMP%20Final%20Plan%20111315b.pdf.

2.2 Need for Project

The SJCC FMP, in alignment with the 2030 EMP, provides scenarios and options regarding future development of the educational, administrative facilities, parking, circulation, way-finding signage and retrofit of some existing facilities. The FMP plans for growth based on trends in higher education, service area population, and economic opportunities for future. Based on the EMP and FMP, projections for additional instructional spaces are identified for the Business and Workforce Development Division, Humanities and Social Science Division, Language Arts Division, and Math and Science Division.

2.3 Project Area

2.3.1 Project Location

The SJCC campus is located at 2100 Moorpark Avenue in central San José in Santa Clara County, approximately three (3) miles west of Downtown San José. **Figure 2-1** (Regional Location) shows the location of the campus within Santa Clara County and the City of San José. The SJCC campus currently encompasses approximately 58 acres.

The SJCC campus is immediately south of Interstate 280 (I-280) and is bounded by Moorpark Avenue to the north; Rexford Way, Mansfield Drive, Kingman Avenue, Fruitdale Avenue to the south; Laswell Avenue, and South Bascom Avenue to the west; and Leigh Avenue to the east.

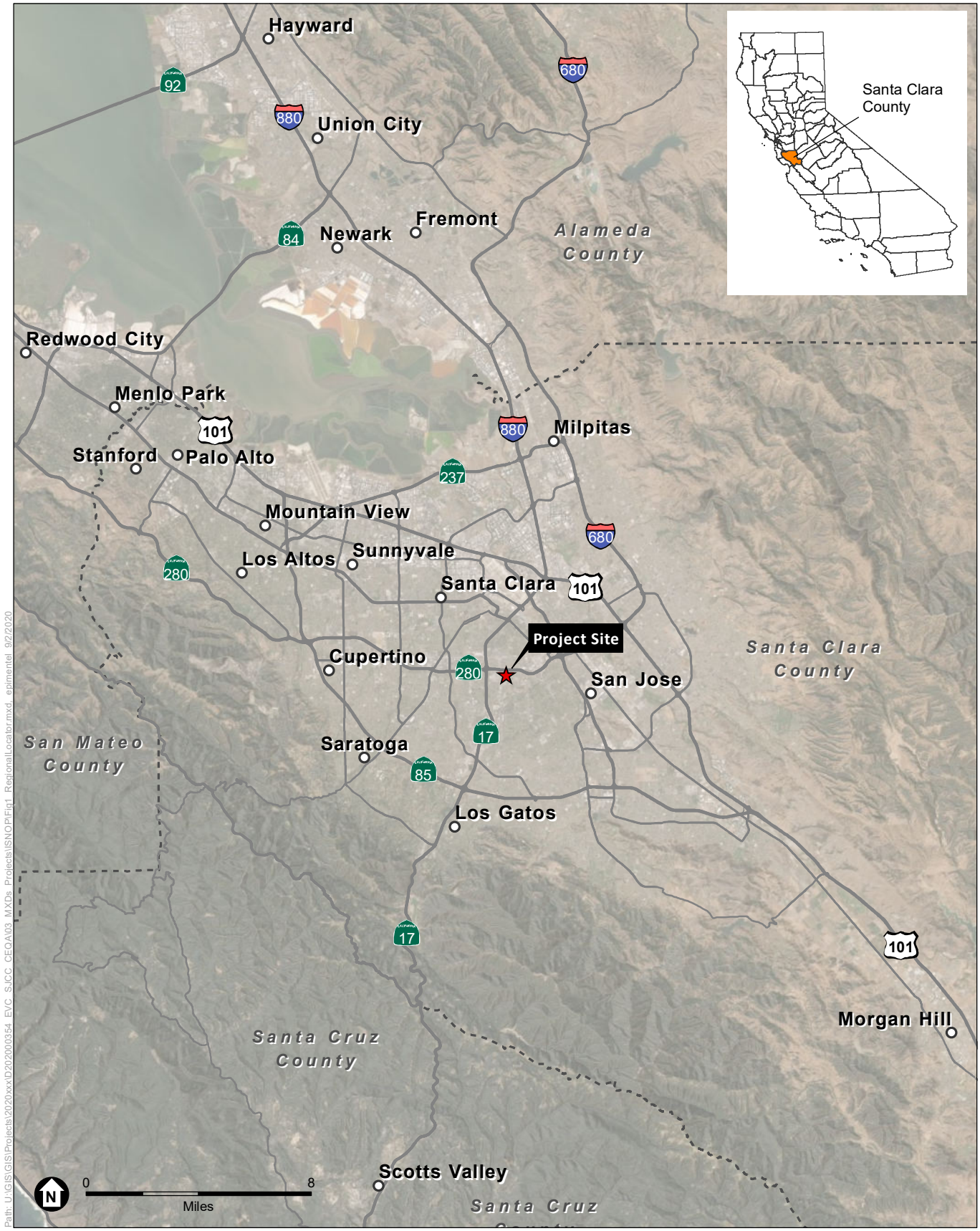
2.3.2 Existing Land Uses and Development

As seen in **Figure 2-2** (SJCC Campus and Surrounding Land Uses), the SJCC campus is located in an urban setting and is currently developed with several buildings-both educational and administrative to house several programs, a library, sports facilities, parking and access ways, and other ancillary facilities.

The SJCC campus is designated *Public/Quasi-Public (P/QP)* in the Envision San José 2040 General Plan, with an urban village along the western boundary on South Bascom Avenue, designated *Urban Village Commercial (UVC)*.[2] The campus encompasses multiple City of San José land use zoning designations: Single-Family Residential (R-1-8), Multiple Residence District (R-M), Commercial Pedestrian (CP), and Planned Development (PD).

The existing SJCC campus was established at this site in 1953 with initial buildings built in the 1950s. The buildings are primarily concentrated in the northern portion of the campus along Moorpark Avenue, with Cesar Chavez Library providing visual presence. Other existing buildings are aligned in the central and western portions of the campus site. Existing sports facilities are located mainly in the central and eastern central portions of the campus, and include the softball field, football/track field, practice field, and soccer field.

[2] Urban Villages are established by the Envision San José General Plan to create areas with framework to direct growth within a walkable and bike friendly areas of the City that have a good access to transit and other urban infrastructure and facilities.

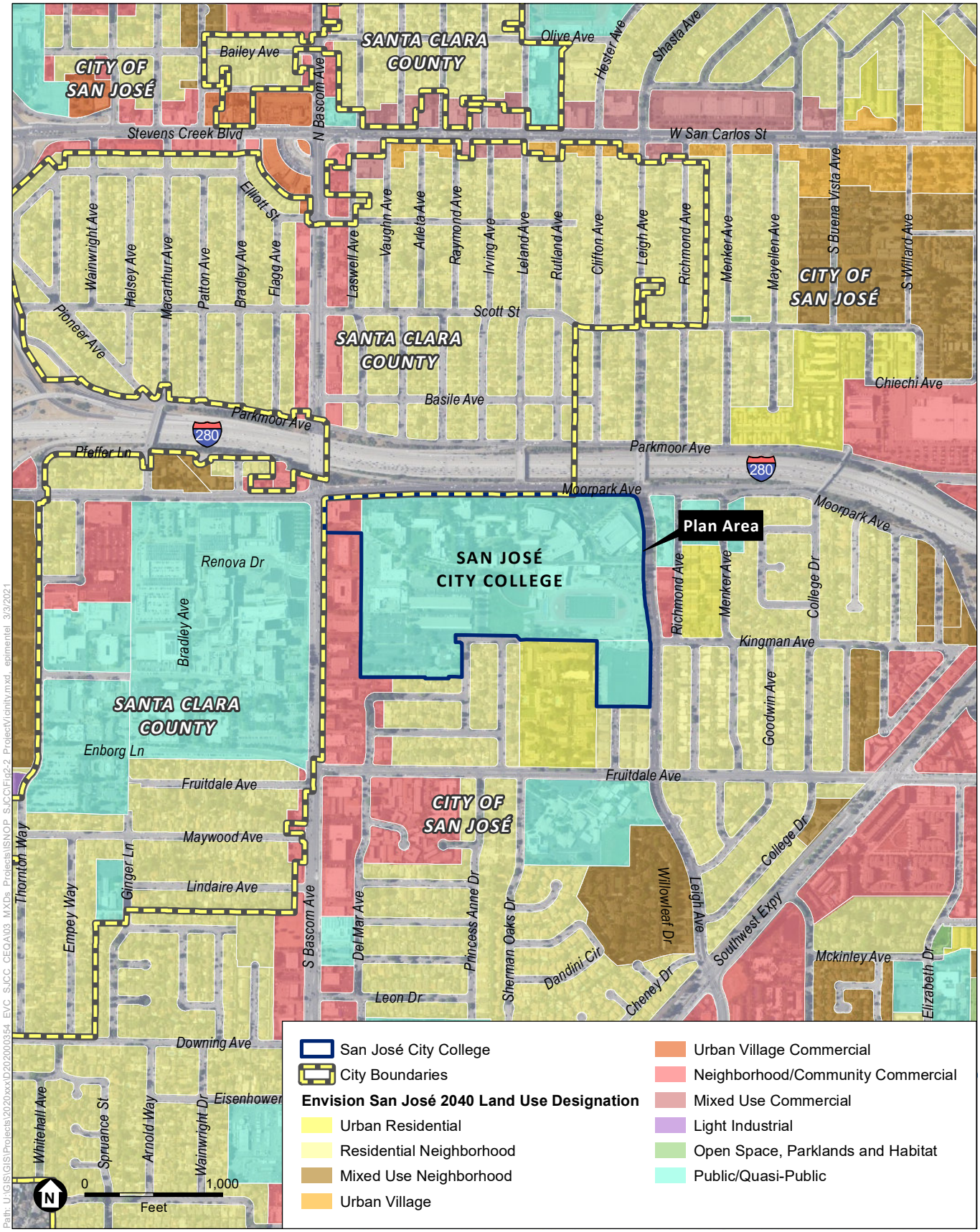


SOURCE: Esri, 2012; ESA, 2020

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 2-1
Regional Location

ESA



SOURCE: Esri, 2012; Santa Clara County, 2019; ESA, 2021

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 2-2
SJCC Campus and Surrounding Land Uses

ESA

According to the SJCC FMP, past Bond measures in 1998, 2004 and 2010 have supported facilities construction for the Cesar Chavez Library, Parking Garage, Career Technology, Technology Center, Multi-Disciplinary, Carmen Castellano Fine Arts Center, Student Center, Science/Math Buildings and renovations of the Business, Cosmetology, Reprographics buildings, and ongoing landscaping throughout the campus.

2.3.3 Existing Campus Layout

The SJCC campus is organized with the north part of the campus along the Moorpark Avenue. **Figure 2-3** (Existing San José City College Campus) shows locations of the various academic programs, administrative, and sports facilities. The Technology Center located at the South Bascom Avenue/Moorpark Avenue corner, anchors the northwest part of the campus by a curved promenade to the Student Parking Structure at the northeast corner of the campus along Leigh/ Moorpark Avenue. The Student Services is located immediately west of the Student Parking Structure and east of the Library.

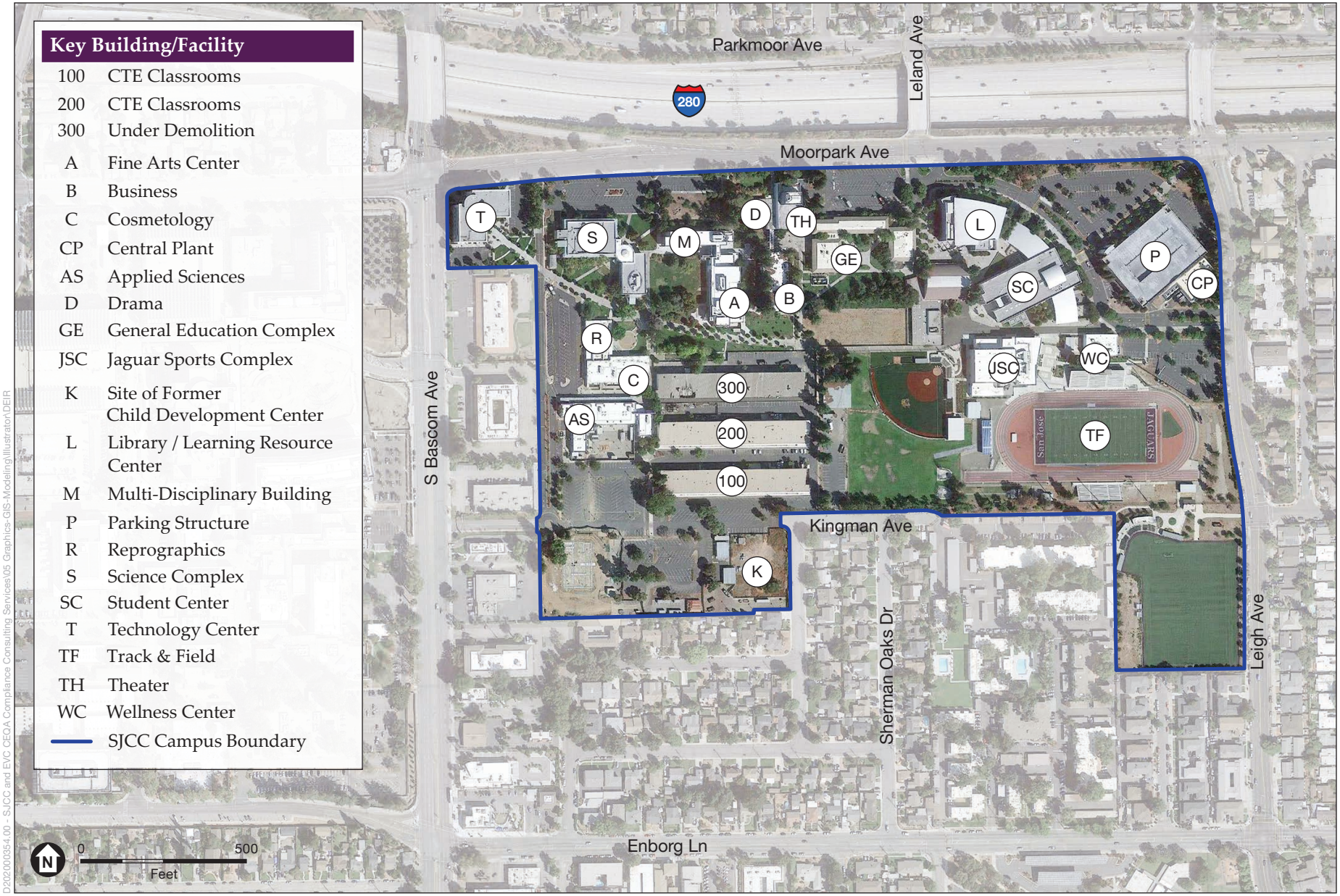
The Library/LRC is strategically located almost at the center of the campus, adjacent to the ceremonial entry from Moorpark at Leland Avenue. Immediately west to the library are the General Education buildings. The Science, Drama and Theater, and Business Buildings flank the Multidisciplinary and Fine Arts Center Buildings, all aligned along the campus boundary adjoining Moorpark Avenue. The entrance from Laswell Avenue to the center of the campus leads to Cosmetology, Reprographics and Career Technology Education Buildings (CTE Buildings 100, 200, and 300), in addition to a large instruction building (Applied Sciences).

The athletic and sports facilities are clustered in the southeast portion of the campus. The existing wellness and sports related facilities include the Jaguar Gymnasium (also referred to as the Main Gym) and the two buildings constituting the Jaguar Sports Complex, south off the driveway from Leigh Avenue. Multi-use play field, and the Track and Field facilities are located in the far southeast corner of the campus fronting on Leigh Avenue and abutting residential neighborhoods to the west and south of the campus.

The existing CTE Buildings 100, 200, and 300 are located south of the central quad (open space in front of General Education) and the “smile path” surrounded by surface parking. The Child Development program was formerly housed in a building located at the far south-east portion of the campus adjacent to the residential neighborhoods to the west and south of the campus. As illustrated in Figure 2-3, pedestrian walkways, landscaped open spaces surrounding the buildings provide the connection between the campus buildings.

2.3.4 Surrounding Land Uses and Development

The SJCC campus is in an urbanized part of the City, southeast of I-280 and Highway 17 flanked by the neighborhoods of Parkmoor, Buena Vista, Fruitdale, and commercial areas along main transportation corridors.



SOURCE: San José Evergreen Community College District, FMP, 2019; Google; 2021; ESA, 2021

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 2-3
Existing San José City College Campus

ESA

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The SJCC campus is surrounded by a variety of land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a San José Fire Department fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280.

With the presence of the SJCC campus and Santa Clara Valley Medical Center, there is a variety of commercial uses (medical related) and retail (fast food) uses along the west edge of the campus on South Bascom Avenue.

2.3.5 Existing Access, Circulation, Parking

As seen above in Figure 2-3 (Existing San José City College Campus), Moorpark Avenue and South Bascom Avenue are major arterials that border the SJCC campus on the north and west, respectively. Leigh Avenue is a local connector. South Bascom Avenue has an overpass over I-280, and there are on- and off-ramps to/from I-280 on Parkmoor and Moorpark Avenues.

The main entrance to the campus is from a signalized intersection at Leland Avenue and Moorpark Avenue, with a drop-off at the Cesar Chavez Library/Learning Resource Center (LRC). There are three secondary vehicular access points, one each from Moorpark Avenue (at Laswell Avenue), from South Bascom Avenue (at Kingman Avenue), and from Leigh Avenue. None of these secondary access points are signalized. All three secondary entry points have immediate access to surface or structured parking lots.

A four-level parking structure is located in the northeasterly portion of the campus along Leigh Avenue. Otherwise, the majority of surface parking is located along the perimeter of the campus and generally concentrated at the southwest and northeast ends of the campus. There are currently 1,846 parking spaces serving the SJCC campus. The existing campus does not have any bicycle paths.

2.4 Project Objectives

CEQA Guidelines Section 15124, requires the EIR contain a statement of the objectives for the proposed project. The proposed SJCC FMP aims to achieve the goals and objectives discussed in its FMP and the SJCC EMP, as follows:

- Update and expand SJCC facilities to accommodate projected expansion in demand for community college education and programs resulting from the population growth within the District's service area for year 2030
- Create a functional and usable space/facilities plan based on the SJCC EMP that updates the facility needs to match the projected needs
- Link the SJCC EMP's goals, strategies, and desired productivity to space quantification that balances the current and future curriculum, instructional delivery modes, effective learning environment, and necessary support structures
- Match space needs and utilization with the curriculum, create modern teaching facilities and learning environments, and provide modern support services sufficient to serve student's needs

- Reuse some existing buildings that are in good condition and have adequate space for educational and administrative functions
- Assist the District in meeting its SJCC EMP goals and objectives, particularly those related to provision of educational programs and supportive needs
- Implement a well-conceived and well-justified plan for capital outlay projects that are an outcome of a sound master planning process
- Provide an optimal educational and supportive services to the students of the San José City College

2.5 Proposed Project Characteristics

The proposed project is based on the facilities improvements as envisioned in the SJCC FMP and funded by Bond Measures G and X. The SJCC FMP is based on the SJCC EMP to meet the on-going and future facilities' needs to meet the provision of educational and administration functions of the District.

Facility improvements contained in the SJCC FMP to meet the future program needs include demolition and removal of certain existing buildings on the campus; the construction of certain new buildings and the renovation of certain existing buildings and facilities; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements, also enumerated in **Table 2-1** below. The SJCC FMP is operationalized with an analysis of existing educational space to match with the concurrent requirements. As part of this analysis, several buildings would be re-purposed for a different use, some buildings would be demolished, and new buildings and facilities are proposed for the identified needs.

As seen in **Figure 2-4** (Proposed Site Plan - San José City College Campus) and listed in Table 2-1, the proposed SJCC FMP includes several activities ranging for demolition, partial renovations, to new construction and upgrades to related sports facilities and other ancillary improvements. A description of each of these project elements is provided below.

2.5.1 Proposed New Buildings

The proposed SJCC FMP includes construction of six (6) new buildings and partial new addition to an existing building. These are the following:

General Education/Business Complex

Based on projected growth in the number of classrooms, laboratories, and offices to serve the SJCC General Education and Business programs, the SJCC FMP proposes a new General Education/Business Complex. This complex would comprise of two (2) buildings, each three to four-stories high, and encompass approximately 104,500 GSF.

NEW CONSTRUCTION

GE	General Education / Business Complex
CTE	New Career Technology Education Building
CDC	Child Development Center
AC	Aquatic Center
MO	Maintenance & Operations/ Reprographics Building
D + TH	Drama + Theater
P	Proposed Parking Structure

INTERIOR RENOVATIONS/REUSE OF EXISTING BUILDINGS

CTE 200	CTE 200 Building
D + TH	Drama + Theater
R + C	Reprographics and Cosmetology
T	Technology Center
JMC	Jaguar Student Development and Multi-cultural Center (formerly Jaguar Gym)
SC	Student Center
CP	Central Plant
TF	Track and Field Replacement

EXISTING BUILDINGS TO REMAIN

M	Multi-Disciplinary Building
A	Fine Arts Center
S	Science Complex
L	Library
JSC	Jaguar Sports Complex
AS	Applied Science
WC	Wellness Center
	SJCC Campus Boundary

Not to Scale

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SOURCE: San Jose Evergreen Community College District, 2021

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 2-4
Proposed Site Plan - San José City College Campus

ESA

TABLE 2-1
SJCC FACILITIES MASTER PLAN BUILDING PROGRAM

Key	Facility	Physical Change Proposed	Existing Building Gross Square Feet (GSF)*	Proposed Building Gross Square Feet (GSF)	Net Change (GSF)
New Construction/Buildings					
GE	General Education / Business Complex	New Building	NA	104,461	104,461
CTE	Career Technology Education Building	New Building	NA	85,000	85,000
CD	Child Development Center	New Building	NA	15,000	15,000
AC	Aquatic Center	New Facility	NA	11,000	11,000
MO	Maintenance & Operations, and Reprographics (MO) Building	Assumed Constructed	15,000	15,000	0
D+TH	Drama + Theater	Part New Additions	30,403	56,033	25,630
P	Parking Structure	New Facility	NA	129,000**	129,000
		Subtotal	***45,403***	***415,494***	***370,091***
Interior Renovations/Reuse of Existing Buildings					
CTE 200	CTE 200 Building	Renovation (Interior)	41,820	41,820	NA
R+C	Reprographics and Cosmetology	Partial Renovation	30,648	30,648	NA
T	Technology Center	Partial Renovation	80,000	80,000	NA
JMC	Jaguar Student Development and Multi-cultural Center (formerly Jaguar Gym)	Renovation	27,863	35,363	7,500
SC	Student Center	Partial Renovation	69,044	69,044	NA
CP	Central Plant	Interior Equipment Upgrades	7,700	7,700	NA
TF	Track and Field Replacement	Outdoor Sports			
		Subtotal	***257,075***	***264,575***	***7,500***
Demolition					
B	Business Building	Demolish	25,272		-25,272
GE	General Education	Demolish	43,668		-43,668
CTE 300	*CTE 300 Building*	*In the process of demolition****			
CTE 100	CTE 100 Building	Demolish	36,996		-36,996
D	Applied Sciences Building D	In the process of demolition	2,825		-2,825
D+TH	Drama + Theater	Partial Demolition	10,000***		
K	*Former Child Development Center*	*Previously demolished**			
		Subtotal	***108,761***	***NA***	***-108,761***
No Changes					
M+A	Multi-Disciplinary Arts Building	None	41,870	41,870	NA
S	Science Complex	None	52,209	52,209	NA
L	Library	None	63,110	63,110	NA
JSC	Jaguar Sports Complex	None	39,304	39,304	NA

TABLE 2-1 (CONTINUED)
SJCC FACILITIES MASTER PLAN BUILDING PROGRAM

Key	Facility	Physical Change Proposed	Existing Building Gross Square Feet (GSF)*	Proposed Building Gross Square Feet (GSF)	Net Change (GSF)
No Changes (cont.)					
WC	Wellness Center	None	6,802	6,802	NA
AS	Applied Sciences	None	20,159	20,159	NA
		Subtotal	***223,454***	***223,454***	
TOTAL EXISTING SQUARE FOOTAGE		**634,693**			
TOTAL WITH NEW CONSTRUCTION [LESS DEMOLITION]		**903,523**			

NOTES:
* Gross square feet (GSF) comprises the building's total footprint
** Parking Structure proposed for 645 spaces is less than the conservative assumption of 900 parking spaces for 180,000 GSF used in the EIR
*** Assumption for Demolition within the existing Drama and Theater Buildings
**** Demolition considered as part of the prior EIR

SOURCE: SJECCD, 2021

Demolition and removal of the existing General Education/Business Complex would create space for the development of a quad at the center of campus (described under *Open Space*, below). It would also improve circulation, allow for an expanded drop-off area at the Leland Avenue entry to the SJCC campus, and the expansion and improvement of parking facilities with the continuation of the proposed perimeter loop (described below under *Vehicular Access, Circulation, and Parking Improvements*, below).

Career Technical Education Building (CTE Building)

The District proposes a new CTE Building at the site of the current CTE Building 300, which is currently being demolished. The proposed new CTE building would be a four-story structure and would include space for classrooms and lab functions vacated by demolition of CTE 300 Building. The estimated size of the new CTE building would be approximately 85,000 GSF.

This building would meet the U.S. Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED®) standards for Platinum certification (LEED® v4) and Zero Net Energy. The new building would be designed to be all-electric with no use of natural gas.

Child Development Center (CDC)

The SJCC FMP proposes to construct a new Child Development Center (CDC) located in the eastern portion of the South Parking Lot, at the site of the former Child Development Center.

The proposed new CDC would be built in two phases: Phase 1 would include development of a permanent play yard for up to 100 children, short-term parking, parent access and site improvements, and portable structures to house classrooms and support spaces for up to 75 students. The estimated size for Phase 1 is 7,500 GSF.

Phase 2 would include the construction of the new CDC in the location of temporary parking, east of the play yard. The facility would house classrooms, observation areas, and operations space to support up to 100 children. Once constructed, the existing portables at this location would be removed, allowing space for parking and site improvements to be made. The estimated size for the completed CDC would be approximately 15,000 GSF.

Aquatics Center (AC)

The SJCC FMP proposes a new Aquatics Center located east of the Wellness Center. The Aquatics Center would include a six-lane (minimum) competitive lap pool with a depth to support water polo and other aquatic-based sports. An Adaptive Physical Education (PE) pool with a depth greater than 1.5 meters would be connected to and in support of the competitive pool.

The proposed Aquatics Center would also include support facilities, including lockers, showers, restrooms, office space, storage, and a pool equipment facility. The estimated size of the Aquatics Center support facilities would be approximately 11,000 GSF.

Maintenance, Operations, and Reprographics Building (MO Building)

The SJCC FMP proposes a new two-story Maintenance and Operations/Reprographics Building (MO Building) at the southwest corner of the campus, south of the Kingman Avenue entrance from South Bascom Avenue. The approximately 15,000 GSF proposed building would provide a consolidated location for the school's maintenance and operations. It would also provide for space vacated by the demolition of CTE 300 Building and allow for relocation of the existing reprographics facilities from space targeted for expansion of the Cosmetology program (described below).

The MO building was the subject of a prior District approval, and its construction is currently under way; consequently, development of the MO Building is not subject to, and excluded from, this analysis.

New Addition to the Theater Arts Building (TH Building)

The existing Theater Arts Building is anticipated to undergo renovations and remodeling as discussed below under 2.5.2. In addition to these renovations, a new addition to the east side of the Theater Arts Building is envisioned to provide a new lobby and entrance from the central quad. The new addition would be approximately 25,600 GSF.

New Parking Structure

The SJCC FMP includes a new parking structure in the southwest quadrant of the campus on the site of the existing CTE 100 Building. Currently planned for 645 automobile spaces, this 5-level parking structure would be approximately 129,000 GSF. It should be noted that the technical analysis in this EIR conservatively assumes a parking structure with 900 parking spaces and approximately 180,000 GSF.

Additional parking would be required to accommodate current and planned enrollment growth. Given the density of existing campus development, the SJCC FMP recommends spaces be added

both by reconfiguring existing surface lots to maximize parking and by the provision of a structured parking, and surface parking as further described below.

2.5.2 Renovated and Repurposed Buildings

The proposed SJCC FMP identifies certain existing buildings for renovations and repurposing to accommodate educational programs, sports facilities, and expansion of central plant.

CTE 200 Building

The SJCC FMP includes modernization of the CTE 200 Building, which is an existing structure with high-bay industrial labs facing north and classrooms facing south.

The proposed modernization would include window replacement (except on North Elevation), new interior walls, flooring, mechanical equipment, light fixtures, and new paint and finishes. This space would accommodate the shop and high-bay functions that cannot be moved into the New CTE Building.

Reprographics and Cosmetology Building (R+C Building)

The SJCC FMP includes partial renovation of the Reprographics and Cosmetology Building (R+C Building). The SJCC FMP proposes that the reprographics facilities, currently residing in the R+C Building be relocated to the proposed new MO Building (described above).

The relocation of reprographics facilities to the MO Building would make space available for other uses in the R+C Building, including an opportunity to expand the SJCC Cosmetology program and introduce an Independent Esthetician program. A portion of the vacated space in the existing R+C Building would also be repurposed to support Adaptive PE[3] needs

The estimated square footage to be remodeled within the R+C Building would be approximately 5,600 assignable square feet (ASF), although the overall approximate 30,600 GSF of the R+C Building would remain the same after the renovations.

Technology Center Renovation

The proposed project includes the renovation of the Technology Center interior. The SJCC FMP proposes the relocation of the SJCC Emergency Medical Services (EMS) program from the fifth floor of the existing Technology Center to the proposed new CTE Building.

The relocation would allow for the expansion of space in the Technology Center for the SJCC Dental Assistant and Medical Assisting programs. The estimated size for the portion of the Technology Center building to be remodeled would be approximately 2,200 ASF. The overall total size of the Technology Center building (approximately 80,000 GSF) would not change under the proposed SJCC FMP.

[3] Adaptive physical education is specifically designed curriculum of developmental activities, sports, games, and rhythms suitable to the interest, capabilities, and limitations of students with disabilities.

Jaguar Student Development and Multi-Cultural Center

The SJCC FMP proposes the former gym at the center of campus be renovated and repurposed as the Jaguar Student Development and Multi-Cultural Center, with lounge, recreation, and office/ meeting space. A separate restroom and office building may be constructed next to the Jaguar Student Development and Multi-Cultural Center to house restrooms and offices. The size of this space would be approximately 4,000 GSF.

The total estimated size of the remodeled facility would be approximately 35,400 GSF, an additional 7,500 GSF to the existing approximate 27,900 GSF.

Theater Arts Building (New Drama Wing and Lobby)

As discussed above, the SJCC FMP recommends renovation of the existing Theater Arts Building to support current instructional needs. The adjacent instructional wing (West Wing) is in poor condition, and would be demolished and replaced with a larger structure serving an expanded instructional program, including new drama and dance labs, a black box theater, lecture hall, and offices.

The SJCC FMP also proposes an addition to the east side of the Theater Arts Building to provide a new lobby/entrance point off the proposed central quad (described below under *Open Space*). The estimated size of the renovated Theater Arts Building would be approximately 56,000 GSF.

Central Plant Expansion

The SJCC FMP includes expansion of capacity of the Central Plant. In order for the chilled water systems to meet future anticipated load of buildout pursuant to the SJCC FMP, the District would add up to three (3) 375-ton chillers to the Central Plant.

This proposed expansion would also include enhancement of the heating hot water system for the campus, with additional of one heat recovery chiller to the Central Plant. Other improvements in the Central Plant could potentially include installation of earthquake valves and a gas sub meter. The existing Central Plant structure is of sufficient size to accommodate the proposed expansion of capacity, and consequently, no alteration to the building footprint is proposed.

Track and Field Replacement Project

As part of the Track and Field replacement project, the proposed project would widen the existing field to accommodate a full-size soccer pitch. The field would expand toward the southern end. This would require demolition of the spectator/visitor's bleachers and reconstruction at the southern boundary of the track field. It is also likely that some track events would be relocated during the construction. This modification may require minor adjustments of the existing stadium lighting to ensure full coverage across the widened playing field; however, no new stadium lighting is proposed to be installed. The District would work with stadium lighting professionals as needed and incorporate appropriate design considerations and/or features to ensure any proposed adjustments to existing stadium lighting would not increase light spill or glare at off-site locations.

Student Center [SC]

The existing Student Center is proposed to be renovated internally to create a student resource and drop-in center. This project requires renovation of existing office spaces on the second floor of the Student Center to provide a welcoming, student-owned area for students accessing student services.

2.5.3 Buildings to be Demolished

The SJCC FMP identified six buildings for demolition and removal, to eliminate non-functioning space and replace the oldest and most aged facilities with new facilities:

1. Business Building (B),
2. General Education Buildings (GE),
3. CTE 300 Building,
4. CTE 100 Building,
5. Applied Sciences Building D, and
6. Former Child Development Center

The Business and General Education Buildings would be demolished to make way for the development of a new General Education/Business Complex (described above); while the specific timing for demolition of these buildings are not yet defined, their removal is conservatively included within the scope of this analysis.

The CTE 100 Building would be demolished to make way for the development of a new parking structure; while the specific timing for demolition of this building is not yet defined, its removal is conservatively included within the scope of this analysis.

The demolition of Applied Sciences Building D is required in order to accommodate a new fire lane in the vicinity of CTE 200 Building and proposed New CTE Building that would conform to current code requirements. This would increase the pedestrian accessibility and safety throughout the south entrance area by widening the main south walkway. The demolition of this building is scheduled to take place during the summer of 2021.

Demolition of both the CTE 300 Building and the former Child Development Center were the subject of prior District approvals. The former Child Development Center has since been demolished, and the CTE 300 Building is in the process of being demolished as of the release of this Initial Study. Accordingly, these activities are not subject to, and excluded from, this analysis.

In summary, the existing campus has approximately 634,700 GSF of built space. The SJCC FMP proposes demolition of approximately 108,800 GSF, and remodeling and renovations of approximately 257,100 square feet of existing built spaces, plus a net increase of 7,500 GSF. There would also be new construction of approximately 415,000 GSF (a net addition of approximately 370,100 GSF). Table 2-1 provides the scope of the building program under the SJCC FMP, including estimated square footage of the facilities to be demolished, constructed, or renovated.

2.5.4 Site Access, Parking, and Circulation

Vehicular Access

The SJCC FMP proposes improvement to the existing circulation network; with the addition of one new vehicular access point, drop-off areas, and parking as seen in **Figure 2-5** (Project Site Access and Circulation). The proposed improvements and additions are described below.

Leigh Avenue at Moorpark Avenue

The SJCC FMP determined that reconfiguration of the primary entrance to the SJCC campus at Leigh Avenue, the Moorpark Avenue and Leland Avenue intersection, and the Leigh Avenue segment crossing I-280 between Moorpark Avenue and Parkmoor Avenue could improve access to and egress from the campus.

Accordingly, the SJCC FMP proposes the reconfiguration of the entrance, roadway, and intersection to provide a three-way signalized intersection that would allow westbound traffic on Parkmoor Avenue to turn left onto Leigh Avenue and move directly into the SJCC campus. The reconfiguration would also allow traffic exiting the campus at this location to cross Moorpark Avenue and continue westbound on Parkmoor Avenue.

Additional Access Improvements

The SJCC FMP proposes that all new and existing vehicular access points to the campus, including the entrance at Laswell Avenue to parking on the north edge of campus, should be designed as vehicular gateways that would include a formalized hierarchy of appropriate signage and a unified identifiable landscape and entrance character.

Perimeter Loop

The SJCC FMP proposes the creation of an internal perimeter loop to improve service access and student vehicular movement between SJCC parking areas. The internal perimeter loop would include a bicycle lane to create a dedicated path for bicyclists to access all parts of the campus. Creation of the perimeter loop would include the following actions:

- Creation of the north segment of the perimeter loop by linking the existing parking lots along Moorpark Avenue.
- Creation of the south and east segments of the perimeter loop by opening and extending Kingman Avenue on campus east to Leigh Avenue, skirting the residential neighborhood to the south by utilizing the existing utility easement south of the SJCC football stadium. The SJCC FMP proposes that this segment include an on-campus link, parallel to Leigh Avenue, through the current parking area east of the football stadium to connect with the current Leigh Avenue entrance to the campus, and provide access to the central plant and surface and structured parking in the north east quadrant of the campus.
- Develop the west segment of the perimeter loop by converting portions of Laswell Avenue to pedestrian, service, and emergency access only. To eliminate pedestrian-vehicular conflict, the SJCC FMP proposes that Laswell Avenue should be blockaded at the Technology Center-

Science Complex parking lots north of the primary east-west pedestrian walkway on the campus (referred to as the "smile path") and at the limited parking area south of the smile path.

- The SJCC FMP proposes to improve the Laswell Avenue segment north of Kingman Avenue and south of the smile path to serve, in addition to service and emergency vehicle access, as a north-south pedestrian connection between student parking in the southwest quadrant and the core of the campus.

Student Drop-Offs

The SJCC FMP proposes the following additional and improved pedestrian drop-offs in the SJCC campus.

- New pedestrian drop-offs would be provided at the Laswell Avenue entrance to the SJCC campus north of the Science Complex; and at the east terminus of an improved pedestrian spine south of the Student Center and north of the Wellness Center.
- The SJCC FMP also proposes creation of expanded pedestrian drop-off at the Leland Avenue entrance to the SJCC campus. This drop-off would serve as a pedestrian gateway into campus, as well as a drop-off area for events in the Drama and Theatre, and public access to the Library.

As with vehicular entries and pedestrian gateways, the pedestrian drop-offs would also include landscaped characteristics to create unified entrance identity of the SJCC campus.

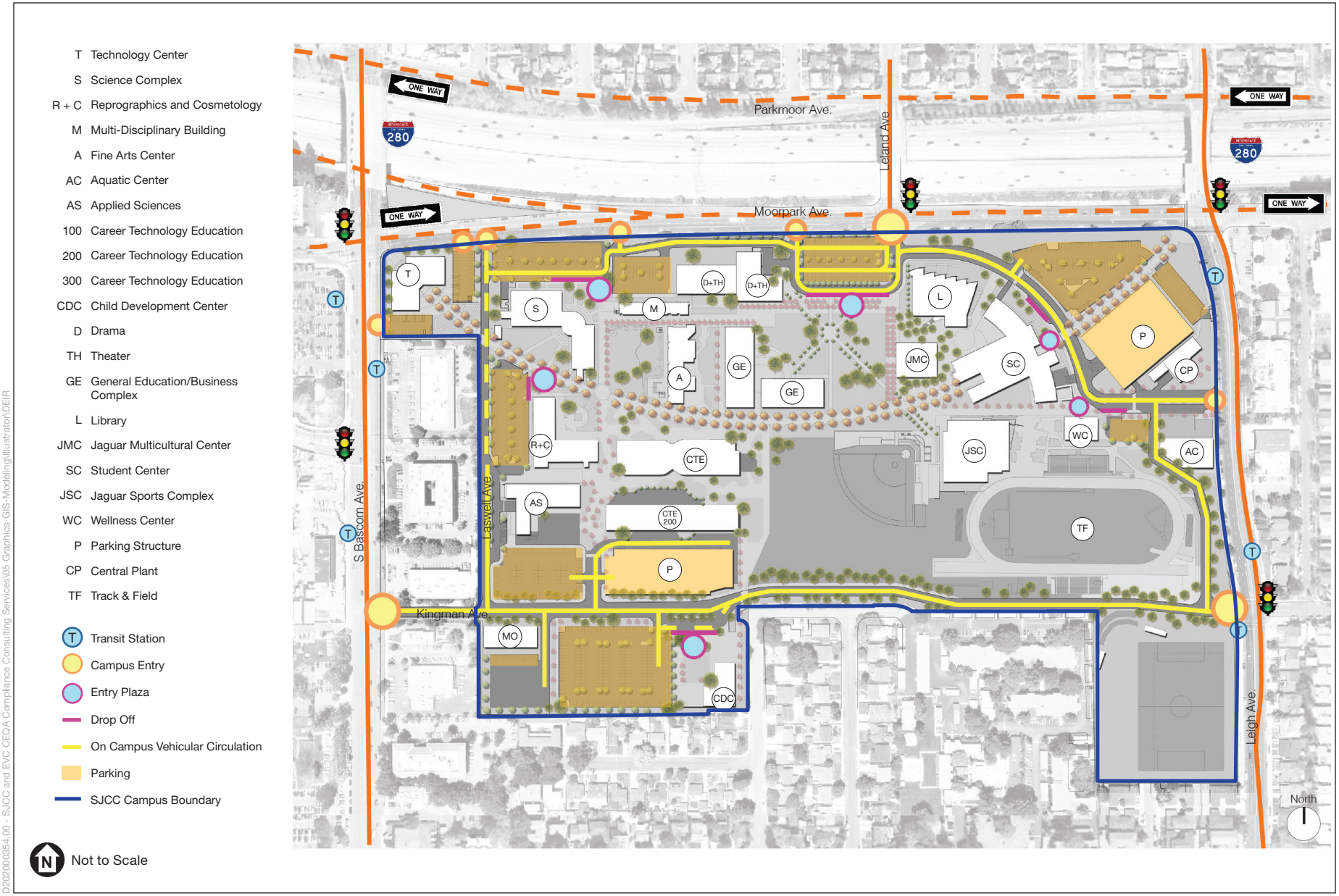
Automobile and Bicycle Parking

The SJCC FMP proposes to increase the total number of parking spaces serving the campus from 1,846 parking spaces to 2,200 spaces by 2030. To meet projected parking demand, the SJCC FMP proposes the following parking facility additions and improvements.

- Reconfiguration of the existing south parking lot.
- Reconfiguration and expansion of the north parking lot on the north end of the proposed central quad (described below under *Open Space*). A portion of this lot would be designated for short-term visitor parking to facilitate access to administration and for new students familiarizing themselves with the campus.
- Addition of the parking structure in the location of CTE 100 Building

The SJCC FMP also proposes addition of bicycle parking, particularly near the new buildings and facilities with high volume student interactions. The bicycle facilities are intended to increase accessibility to campus throughout the south entrance area by widening the main south walkway. It is expected that this facility will promote greater use of the south entrance which connects to the existing bicycle lane on South Bascom Avenue.

- Most of the bicycle racks would be located near high-use buildings such as the Technology Center and the Student Center.
- All new buildings proposed under the 2030 FMP would include bicycle racks, including the new Career Education Complex.



SOURCE: San Jose Evergreen Community College District, 2021

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 2-5
Project Site Access and Circulation

ESA

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2.5.5 Pedestrian Access and Circulation Improvements

Pedestrian access and circulation improvements proposed in the SJCC FMP are described below. The SJCC FMP proposes the creation of a series of north-south pedestrian walkways (or spines) linking student parking at the south edge of campus with the core of the campus and facilities on the north edge of the smile path. The proposed north-south pedestrian circulation improvements include the following.

- As described above under Perimeter Loop, develop the west segment of the perimeter loop by converting portions of Laswell Avenue to pedestrian, service, and emergency access only. To eliminate pedestrian-vehicular conflict, the SJCC FMP proposes that Laswell Avenue be blockaded at the Technology Center-Science Complex parking lots north of the pedestrian smile path and at the limited parking area south of the smile path. The SJCC FMP proposes to improve the Laswell Avenue segment north of Kingman Avenue and south of the smile path to serve, in addition to service and emergency vehicle access, as a north-south pedestrian connection between student parking in the southwest quadrant and the core of the campus.

2.5.6 Open Space and Landscaping

The SJCC FMP proposes development of a hierarchy of open spaces, ranging from large, active, formal and informal gathering spaces to smaller, intimate, and purpose-built spaces. Open space features proposed in the SJCC FMP are described below.

Central Quad

The proposed Central Quad is intended to serve as an active space at the heart of the SJCC campus for meeting, dining, study, and socialization. The Central Quad would serve as an exterior extension of activities and spaces housed in the proposed Jaguar Student Development and Multi-Cultural Center (described above under *Building Facilities Program*). Creation of the quad would require demolition and replacement of the General Education/Business Complex (described above under *Building Facilities Program*).

Pedestrian Nodes and Plazas

The SJCC FMP recommends creation of pedestrian nodes or plazas at the intersections of campus walkways and paths. These spaces are intended allow for the placement of campus maps to assist in wayfinding and, together with seating, opportunities for informal meeting and gathering.

“Smile Path”

The SJCC FMP describes the “smile” path as the primary east-west pedestrian path that runs from the Technology Center on the northwest corner of the campus, down through the center of campus and on through the Student Services Building to the northeast corner at Moorpark and Leigh. Portions of this path are well defined, well landscaped, and lighted.

2.5.7 Utilities

SJCC Campus includes the heating, ventilation, air condition, water and sewer services to the building. Dry utilities such as fiber optics for internet services, telephone and computer hookups are closely related to provision of higher education on campus and as on-line distance learning.

2.6 Implementation and Phasing Schedule

The program of campus development under the SJCC FMP includes the following development sequence. **Table 2-2** SJCC Facilities Master Plan Implementation and Phasing Schedule lists the proposed demolition, renovations, and new construction.

TABLE 2-2
SJCC FACILITIES MASTER PLAN IMPLEMENTATION AND PHASING SCHEDULE

Project	Action	Anticipated Construction Period
2021-2024		
Student Center (SC)	Renovation	May 2021 – August 2021
Central Plant (CP)	Renovation	2021 – 2022
CTE 200 Building (200)	Renovation	May 2021 – September 2022
Career Technology Building (CTE)	New Construction	October 2022 – June 2024
Jaguar Student Center and Multi-cultural Center (JMC)	Renovation	2022 - 2024
Reprographics and Cosmetology (RC)	Renovation	June 2024 – December 2024
2025		
CTE 100 Building	Demolition	Anticipated after 2025
Technology Center (T)	Renovation	February 2025 – November 2025
Drama & Theater	Expansion	Anticipated after 2025 (After 2018)
General Education/Business Complex	Demolition and New Construction	Anticipated after 2025
Aquatic Center	New Construction	Anticipated after 2025
Parking Structure	New Construction	Anticipated after 2025
Child Development Center (CD)	New Construction	Anticipated after 2025

Mid 2021-End 2024: The renovation of the existing Student Center, and the proposed Central Plant upgrades, are planned to commence mid-year 2021. Concurrently, the CTE 200 Building would also commence renovations in May2021 and is anticipated to be completed by September 2022.

The Jaguar Student Center and Multicultural Center would be renovated starting in 2022 for anticipated completion in 2024. Following this completion, the Reprographics and Cosmetology Building would start renovations in June 2024 for completion by December 2024.

The only new construction proposed in this time period is the new CTE Building on the site of the demolished CTE 300 Building.

Early 2025 through 2030: This phase of implementation focuses on new construction of the Aquatics Center, Parking Structure, and the CDC. The Technology Center building would undergo renovations starting in early 2025 aimed to complete by end of 2025.

The Drama and Theater Building would also under expansion in 2025. The existing General Education and Business Buildings would be demolished and the site cleared for a new complex housing the General Education/Business programs after 2025.

2.6.1 Project Construction

Site preparation for new facilities under the SJCC FMP would include the demolition of certain existing landscaped and paved areas, which would be cleared from the footprints of proposed new structures. The earlier part of the project implementation focuses on the renovations of some of the existing buildings, as discussed above in Implementation and Phasing Schedule.

Structures scheduled to be renovated would be subject to partial demolition in areas planned for renovation, which may include full demolition of a section of those structures or internal demolition of existing features.

Construction of the proposed new structures would include site clearing and grading, excavation, pouring of new building foundations, and erection of structures; installation of utilities, building interior finishing, and exterior hardscaping and landscaping improvements. Construction staging would occur within the campus site. Impact pile-driving may occur if found necessary for construction of building foundations such as the proposed Parking Structure. Pile foundation is not likely to be needed for all remaining proposed activities

2.7 Required Permits and Approvals

This EIR would provide decision-makers in the District (the CEQA Lead Agency), responsible agencies, and the general public with relevant environmental information to use in considering the SJCC FMP. The District anticipates that there are no discretionary approvals by the City of San José and County of Santa Clara, including but not limited to the following, will be required to implement the SJCC FMP:

- Demolition permits, as needed
- City of San José Public Works Permit for Street Access/Driveway Improvements/Temporary Construction Staging, as needed
- County of Santa Clara Roads and Airports Department for Street Access/Driveway Improvements/Temporary Construction Staging, as needed

The District, anticipates that discretionary approvals by responsible agencies, including but not limited to the following, may be required to implement the proposed SJCC FMP:

- Division of State Architect (DSA)
- San Francisco Bay Regional Water Quality Control Board
- Bay Area Air Quality Management District
- City of San José Fire Department
- Santa Clara Valley Water District

Adoption of the SJCC FMP is anticipated to require, but may not be limited to, the following District actions:

- Certification of the Final EIR for compliance with the requirements of CEQA;
- Adoption of a Mitigation Monitoring and Reporting Plan (MMRP), which specifies the methods for monitoring mitigation measures required to eliminate or reduce the SJCC FMP's significant effects on the environment;
- Adoption of Findings of Fact, and for any impacts determined to be significant and unavoidable, a Statement of Overriding Considerations.

CHAPTER 3
Environmental Analysis

3.0 Introduction to the Environmental Analysis

This chapter describes the environmental setting, assess impacts, and identifies measures that would avoid or lessen the severity of the significant impacts of the proposed SJCC FMP. This section, Section 3.0, Introduction to the Environmental Analysis, outlines the issues analyzed in this chapter, describes the overall approach to the impact analysis, explains the significant determinations and terminology used in the impact analysis, and provides for the basic cumulative impact analysis.

3.0.1 Definition of Terms Used in the EIR

This EIR uses a number of terms that have specific meaning under CEQA. Among the most important of the terms used in the EIR are those that refer to the significance of environmental impacts. The following terms are used to describe environmental effects of the proposed SJCC FMP:

- **Significance Criteria:** The criteria used by the District, as lead agency under CEQA, to determine whether the magnitude of an adverse, physical, environmental impact would be considered significant. In determining the level of significance, the analysis recognizes that the proposed SJCC FMP must comply with relevant and applicable federal, State, regional and/or local regulations and ordinances which are regularly enforced through building codes and standards and/or other means.
- **Significant Impact:** An impact is considered significant if any of the proposed projects implemented by the SJCC FMP *could* result in a substantial adverse change in the physical conditions of the environment. Significant impacts are identified by the evaluation of a project-related or cumulative physical change from baseline conditions, compared to a specified significance criterion. A significant impact is defined as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the Project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance."[1]
- **Less-than-Significant Impact:** An impact is considered less than significant when the impact caused by a proposed project implementing the SJCC FMP would not exceed the applicable significance criterion.
- **Less-than-Significant Impact with Mitigation:** An impact is considered less than significant with mitigation if any of the proposed projects implemented by the SJCC FMP could result in a substantial adverse change when evaluated with respect to one or more

[1] CEQA Guidelines Section 15382.

significance criteria, but feasible mitigation is available that would effectively reduce the impact to a less-than-significant level.

- **Significant and Unavoidable Impact:** Significant impacts resulting from implementation of the SJCC FMP that cannot be feasibly avoided or mitigated to a less-than-significant level, that is, to a magnitude below the applicable significance criterion.
- **Cumulative Impact:** Under CEQA, a cumulative impact refers to "two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts."[2] A significant cumulative impact is one in which the cumulative adverse physical environmental effect would exceed the applicable significance criterion and the contribution of the proposed project would be "cumulatively considerable."[3] If the contribution of the project to a significant cumulative impact is less than considerable, the cumulative impact is considered less than significant.
- **Mitigation Measure:** A mitigation measure is a feasible action that could be taken that would avoid or reduce the magnitude of a significant impact. Section 15370 of the CEQA Guidelines defines mitigation as:

  a) Avoiding the impact altogether by not taking a certain action or parts of an action;

  b) Minimizing impacts by limiting the degree of magnitude of the action and its implementation;

  c) Rectifying the impact by repairing, rehabilitating, or restoring the affected environment;

  d) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; and

  e) Compensating for the impact by replacing or providing substitute resources or environments.

3.0.2 Scope of Analysis

This Draft EIR for the SJCC FMP discloses the impacts that could result from the approval and implementation of the SJCC FMP. Accordingly, this EIR provides a program-level analysis of the environmental impacts from the facility improvements contained in the SJCC FMP from future scenarios and options regarding future program needs such as demolition and removal of certain buildings on campus; the construction of certain new buildings and the renovation of certain existing buildings and facilities; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements. To the extent of available project level information, this EIR includes project-level analysis of the SJCC FMP funded by the Bond Program which operationalizes components of the SJCC FMP.

Analytical Horizon

This EIR evaluates the foreseeable impacts under the proposed SJCC FMP through Year 2030, consistent with District's SJCC planning horizon for buildout of development under the proposed SJCC FMP, and based on the existing EMP. In the absence of any specific proposal by SJCC at this time for additional development at the SJCC campus site beyond this planning horizon, 2030

[2] CEQA Guidelines Section 15355.
[3] CEQA Guidelines Section 15130(a).

is considered the longest feasible timeframe for analyzing potential environmental impacts in this EIR with any level of reliability. As such, this EIR does not assess potential environmental impacts beyond 2030.

Effects of the Environment on the Project

In a change since the certification of the SJCC 2025 Updated Facilities Master Plan Final EIR, in 2015 the California Supreme Court held that "CEQA generally does not require an analysis of how existing environmental conditions will impact a project's future users or residents." *California Building Industry Association v. Bay Area Air Quality Management District* (2015) 62 Cal.4th 369, 386. The Supreme Court explained that, where existing hazards exist, an agency is only required to analyze the potential impact of such hazards on future residents if the project would exacerbate those existing environmental hazards or conditions. Thus, with respect to such issues as geologic and seismic hazards, exposure to existing levels of air pollution and noise, and the like, CEQA does not require consideration of the effects of bringing a new population into an area where such hazards exist, as long as the project itself would not increase or otherwise affect the conditions that create those hazards.

Economic and Social Effects

Under CEQA, economic and social effects by themselves are not considered to be significant impacts, and are relevant only insofar as they may serve as a link in a chain of cause and effect that may connect the proposed project with a physical environmental effect, or they may be part of the factors considered in determining the significance of a physical environmental effect.[5] In addition, economic and social factors may be considered in the determination of feasibility of a mitigation measure or an alternative to the proposed project.[6] As such, the potential effect of the SJCC FMP on economic and social issues, in and of themselves, such as tax revenues, crime, the cost of public services, or property values are not part of this EIR. That being said, the District may evaluate a wide range of factors, including social or economic effects, in its consideration of the merits of the proposed SJCC FMP.

3.0.3 Organization of the Impact Analysis

Chapter 3 is organized as follows and focuses on the environmental resource topics listed below:

- 3.1 Air Quality
- 3.2 Cultural Resources
- 3.3 Energy
- 3.4 Greenhouse Gas Emissions
- 3.5 Noise
- 3.6 Transportation
- 3.7 Utilities and Service Systems

[5] CEQA Guidelines Section 15131.
[6] CEQA Guidelines Section 15364.

Each environmental topic discussion includes these main subsections:

- *Environmental Setting*, which includes a description of the existing environmental setting
- *Regulatory Setting*, including relevant federal, State, regional, and local laws, regulations, and policies; and
- *Analysis, Impacts, and Mitigation*, which describes the (1) significance criteria; (2) approach analysis, (3) impact analysis; and (4) cumulative impacts.

This EIR identifies all environmental impacts with a numeric designation that corresponds to the section number of the environmental resource topic (e.g., Air Quality impacts are labeled as 3.1, Cultural Resource impacts are labeled as 3.2, etc.). The impact section identifier is followed by a number that indicates the sequence in which the impact statement occurs within the section. For example, "Impact 3.1-1" is the first (i.e., "1") air quality impact identified in the EIR. All impact statements are presented in bold text. The significance of the impacts prior to implementation of mitigation measures is stated in parentheses immediately following the impact statement (further discussed below).

Similarly, each mitigation measure is numbered to correspond with the impact that it addresses. Where multiple mitigation measures address a single impact, each mitigation measure is numbered sequentially. For example, "Mitigation Measure 3.1-1" would be the first mitigation identified to address the first air quality impact (i.e., "Impact 3.1-1"). All mitigation measure statements are presented in bold text.

3.0.4 Section Structure

Each environmental resource section in Chapter 3 follows a set structure, as described below.

Introduction

This subsection summarizes the applicable topic analysis and its relevance to the proposed SJCC FMP.

Environmental Setting

According to Section 15125 of the CEQA Guidelines, an EIR must include a description of the existing physical environmental conditions in the vicinity of the project to provide the "baseline condition" against which project-related impacts are compared. Normally, the baseline condition is the physical condition that exists when the Notice of Preparation (NOP) is published. The NOP for the proposed SJCC FMP was published in October 2020, and the baseline conditions contained in this SJCC FMP EIR are generally taken from this time period. However, the CEQA Guidelines and applicable case law recognize that the date for establishing an environmental baseline cannot always be rigid.

Physical environmental conditions may vary over a range of time periods; thus the use of environmental baselines that differ from the date of the NOP may be reasonable and appropriate when conducting the environmental analyses. Some sections rely on a variety of data to establish an applicable baseline, as described in those sections.

Regulatory Framework

The regulatory setting presents relevant information about federal, State, regional, and/or local laws, regulations, ordinances, plans, policies and standards that pertain to the environmental resources addressed in each section.

Significance Criteria

According to CEQA Guidelines Section 15382, a significant effect on the environment means "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project." Significance criteria are identified for each environmental issue area in each resource section. The environmental criteria and considerations applied to determine the significance of SJCC FMP-related changes in the environment are based on the CEQA Guidelines Appendix G, as applicable. The significance criteria serve as benchmarks for determining if proposed activities or conditions would result in a significant adverse environmental impact when evaluated against the baseline conditions.

Analysis, Impacts, and Mitigation

Each section describes the significance criteria, approach to analysis and analytical methods used to evaluate effects of the proposed SJCC FMP.

Impacts and Mitigation Measures

The EIR evaluates the environmental consequences and potentially significant impacts that would result from implementation of the proposed SJCC FMP. The impacts identified are compared with predetermined significance criteria (discussed above), and classified according to significance categories discussed above.

To the extent the residual impact may still be significant even after implementation of the conditions, laws and regulations, and applicable mitigation measures are described which would eliminate or substantially reduce the severity of the impact. The effectiveness of a mitigation measure is determined by evaluating the residual impact remaining after its application. Those impacts meeting or exceeding the impact significance criteria after applicable mitigation measures are incorporated are identified as residual impacts that remain significant and unavoidable. Implementation of more than one mitigation measure may be needed to reduce an impact below a level of significance.

Cumulative Impact Analysis

An analysis of cumulative impacts follows the project-specific impacts and mitigation measures evaluation in each section. A cumulative impact consists of an impact that is created as a result of the combination of the impact of the project evaluated in the EIR together with the impacts from other past, present and reasonably foreseeable projects causing related impacts.[7]

As noted above, where a cumulative impact is significant when compared to baseline conditions, the analysis must address whether the project's contribution to the significant cumulative impact

[7] CEQA Guidelines Section 15355.

is "considerable." If the contribution of the project is considerable, then the EIR must identify potentially feasible measures that could avoid or reduce the magnitude of the project's contribution to a less-than-considerable level. If the project's contribution is not considerable, it is considered less than significant and no mitigation for the project's contribution is required.[8]

The geographic scope of the cumulative impact analysis varies depending upon the specific environmental issue area being analyzed. The geographic scope defines the geographic area within which projects may contribute to a specific cumulative impact. Therefore, past, present, and future reasonably foreseeable projects within the defined geographic area for a given cumulative issue must be considered. The cumulative impact analysis in each technical section includes a description of the cumulative analysis methodology and the geographic or temporal context in which the cumulative impact is analyzed (e.g., the San Francisco Bay Area Air Basin, other activity concurrent with SJCC FMP construction, etc.).

Consistent with CEQA Guidelines Section 15130(b), the cumulative impact analysis considers the SJCC FMP's effects in combination with the projections contain within previously approved planning documents and forecasting models, including but not limited to the regional planning documents from the Association of Bay Area Governments (ABAG), Bay Area Air Quality Management District, as well as applicable associated environmental review documents.

In addition, consistent with CEQA Guidelines Section 15130(b), the cumulative impact analysis also considers other known or reasonably foreseeable projects that could combine with potential impacts from implementation of the SJCC FMP within the local geographic area. Please refer to each environmental resource section for the context in the cumulative scenario for the corresponding resource.

8 CEQA Guidelines Section 15130(a)(3).

3.1 Air Quality

This section describes existing air quality in the SJCC campus vicinity and the region, analyzes the proposed SJCC FMP's potential air pollutant emissions and resulting impacts, and identifies mitigation measures to reduce any significant impacts associated with the SJCC FMP. For more information regarding the analysis methods and assumptions, refer to **Appendix B**.

The California Environmental Quality Act (CEQA) requires the analysis of potential adverse effects of a project on the surrounding environment. A CEQA evaluation is generally not required to consider potential effects of the environment on a project's future users or local residents, except when the project may exacerbate existing hazards or existing conditions.[1] The Bay Area Air Quality Management District (BAAQMD) *California Environmental Quality Act Air Quality Guidelines* (BAAQMD CEQA Guidelines) recommend evaluating the potential effects of existing air quality conditions on the project to provide information to decision-makers and the public (BAAQMD, 2017a). As such, this section analyzes both the proposed SJCC FMP's impacts on air quality and the potential adverse effects of existing air pollution on the proposed project and the surrounding community.

3.1.1 Environmental Setting

Topography and Climate

Climate and meteorological conditions such as wind speed, wind direction, and air temperature gradients interact with the physical features of the landscape to determine the movement and dispersal of air pollutants. The SJCC campus is located in the city of San José and is within the boundaries of the San Francisco Bay Area Air Basin (SFBAAB or Bay Area). The SFBAAB encompasses the nine-county region including all of Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, Marin, and Napa Counties, and the southern portions of Solano and Sonoma Counties.

The climate of the Bay Area is determined largely by a high-pressure system that is often present over the eastern Pacific Ocean off the west coast of North America. During winter, the Pacific high-pressure system shifts southward, allowing an increased number of storms systems to pass through the region. During summer and early fall, when fewer storms pass through the region, emissions generated in the Bay Area accumulate as a result of the more stable conditions. The combination of abundant sunshine, restraining influences of topography and subsidence inversions creates conditions conducive to the formation of photochemical pollutants, such as ground-level ozone and secondary particulates, including nitrates and sulfates.

Air Pollutants of Concern

Air pollutants of concern within the SFBAAB include certain criteria air pollutants and toxic air contaminants (TACs).

[1] *California Building Industry Association v. Bay Area Air Quality Management District* (December 17, 2015) 62 Cal.4th 369.

Criteria Air Pollutants

Criteria air pollutants are a group of six common air pollutants for which the U.S. Environmental Protection Agency (EPA) has set ambient air quality standards. Criteria air pollutants include ground level ozone, carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter (PM), and lead. PM is classified by particle size—PM_{10} consists of particulate matter that is 10 microns[2] or less in diameter, while $PM_{2.5}$ refers to the subset of PM_{10} that is less than 2.5 microns or less in diameter. Most of the criteria air pollutants are directly emitted; however, ozone is a secondary pollutant that is formed in the atmosphere by chemical reactions between nitrogen oxides (NOx), and reactive organic gases (ROG) in the presence of sunlight as discussed below. In addition to the criteria air pollutants identified by the EPA, California has added four criteria air pollutants including visibility reducing particles, sulfates, hydrogen sulfide, and vinyl chloride.

Carbon Monoxide

CO is an odorless, colorless gas usually formed as the result of the incomplete combustion of fuels. The single largest source of CO is motor vehicles, which have their highest emissions during low travel speeds, idling, stop-and-go driving, cold starts, and hard acceleration. When inhaled at high concentrations, CO combines with hemoglobin in the blood and reduces the blood's oxygen-carrying capacity. The most common effects of CO exposure are fatigue, headaches, confusion, and dizziness caused by inadequate oxygen delivery to the brain. Short-term exposure to elevated CO may result in reduced oxygen to the heart, accompanied by chest pain, also known as angina (EPA, 2016a). For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (California Air Resources Board [CARB], 2019a).

Ozone

Ozone is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving ROG (also referred to by some regulatory agencies as volatile organic compounds [VOCs]) and NO_X in the presence of sunlight. The main sources of ROG and NO_X, often referred to as ozone precursors, are the evaporation of solvents, paints, and fuels and combustion processes (including motor vehicle engines). In the Bay Area, automobiles are the single largest source of ozone precursors. Short-term exposure to ozone can irritate the eyes and constrict the airways. According to the EPA and CARB, besides causing shortness of breath, ozone can aggravate existing respiratory diseases such as asthma, bronchitis, and emphysema; increase frequency of asthma attacks; cause coughing and sore or scratchy throat; make the lungs more susceptible to infection; and cause chronic obstructive pulmonary disease. Exposure to higher concentrations of ozone may also be linked to permanent lung damage, such as abnormal lung development in children (EPA, 2018a; CARB, 2019b). EPA states that the people most at risk from breathing air containing ozone include those with asthma, children, older adults, and people who are active outdoors, especially outdoor workers (EPA, 2018a).

[2] A micron is one-millionth of a meter.

Nitrogen Dioxide and Oxides of Nitrogen

NO_2 is a major component of the group of gaseous nitrogen compounds commonly referred to as NO_X, which also includes nitric oxide (NO). NO_x is a reddish brown gas produced by fuel combustion in motor vehicles, industrial stationary sources, ships, aircraft, and rail transit. NO is converted to NO_2 when it reacts with ozone or undergoes photochemical reactions in the atmosphere. Therefore, NO_2 emissions from combustion sources are typically evaluated based on the amount of NO_X emitted from the source. Nitrogen dioxide is a concern for air quality because it acts as a respiratory irritant and is a precursor of ozone (EPA, 2016b). Short-term exposures can aggravate respiratory diseases, particularly asthma, leading to respiratory symptoms such as coughing, wheezing, or difficulty breathing. Longer exposures to elevated concentrations of NO_2 may contribute to the development of asthma and potentially increase susceptibility to respiratory infections, requiring hospital admissions and visits to emergency rooms. Infants and children are particularly at risk from exposure to NO_2 because of their more rapid breathing rate for their body weight and their typically greater duration of outdoor exposure. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB, 2019c).

Particulate Matter

Sources of PM, such as wood burning in fireplaces, demolition, and construction activities, are more local, while other sources, such as vehicular traffic, have a more regional effect. As discussed above, PM_{10} and $PM_{2.5}$ represent fractions of PM that can be inhaled into the air passages and lungs causing adverse health effects, particularly at concentrations above the federal and State ambient air quality standards. $PM_{2.5}$ (including diesel exhaust particles) is thought to have greater effects on health because these particles are so small and thus can penetrate to the deepest parts of the lungs. Larger dust particles (diameter greater than 10 microns) settle out of the ambient air rapidly and are filtered by human breathing passages; therefore, this dust is of more concern as a soiling nuisance rather than as a health hazard. Scientific studies have suggested links between fine particulate matter and numerous health problems including asthma, bronchitis, and acute and chronic respiratory symptoms such as shortness of breath and painful breathing.

Other Criteria Pollutants

SO_2 is a combustion product of sulfur or sulfur-containing fuels such as coal and diesel. SO_2 is also a precursor to the formation of PM, atmospheric sulfate, and atmospheric sulfuric acid formation that could precipitate downwind as acid rain. According to EPA, short-term exposures to SO_2 can harm the human respiratory system and make breathing difficult (EPA, 2018b). It can irritate lung tissue and increase the risk of acute and chronic respiratory disease (BAAQMD, 2017a).

Leaded gasoline (phased out in the United States beginning in 1973), lead based paint (on older houses and cars), smelters (metal refineries), and manufacture of lead storage batteries have been the primary sources of lead released into the atmosphere. Lead has a range of adverse neurotoxic health effects, which puts children at special risk. Some lead-containing chemicals cause cancer in animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California.

In addition to the above pollutants, California also regulates emissions of hydrogen sulfide, sulfates, visibility-reducing particles, and vinyl chloride; however, these are not considered impactful for this particular project.

Toxic Air Contaminants, $PM_{2.5}$, and Health Risks

In addition to criteria air pollutants, sources from individual projects emit TACs, a diverse group of air pollutants that may cause chronic and acute adverse effects on human health, including birth defects, neurological damage, cancer, and death. TACs are generated from a variety of sources and activities, including gasoline stations, automobiles, dry cleaners, industrial operations, solvent use, and painting operations. In general, mobile sources contribute more substantially than stationary sources to health risks.

There are hundreds of different types of TACs with varying degrees of toxicity. Thus, the health risks of individual TACs vary greatly; at a given level of exposure, one TAC may pose a hazard that is many times greater than another. For the purpose of providing background information, the most recent estimate (2011–2016) of cancer rates from all causes in the SFBAAB, presented by the Cancer Prevention Institute of California, shows cancer rates for males at 428 per 100,000 and for females at 382 per 100,000 (The Greater Bay Area Cancer Registry, 2019). These levels are below the national average annual cancer rate of 442.0 new cases of cancer per 100,000 men and women per year (National Cancer Institute, 2020). This is the *rate* of new cancer cases per year per 100,000 individuals, not the lifetime risk of an individual to develop cancer.

Diesel Particulate Matter

CARB identified diesel particulate matter (DPM) as a TAC in 1998, based primarily on evidence demonstrating cancer effects in humans. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Mobile sources such as trucks and buses are among the primary sources of diesel emissions, and concentrations of DPM are higher near heavily traveled highways.

The statewide risk from DPM, as determined by CARB, declined from 750 in 1 million in 1990 to 570 in 1 million in 1995; by 2012, CARB estimated the average statewide cancer risk from DPM at 520 in 1 million (CARB, 2009; CARB, n.d.-a; American Cancer Society, 2020).[3] These rates have declined as a result of better emissions controls, statewide and local regulatory actions, and more fuel-efficient technology.

Naturally Occurring Asbestos

Asbestos is a fibrous mineral that occurs naturally in ultramafic rock (a rock type commonly found in California) and was formerly used as a processed component of building materials. Asbestos is strictly regulated because it has been proven to cause serious adverse health effects, including asbestosis and lung cancer.

[3] This calculated cancer risk value from ambient air exposure in the Bay Area can be compared against the lifetime probability of being diagnosed with cancer in the United States, from all causes, which is approximately 40 percent, or greater than 400,000 in 1 million, according to the American Cancer Society.

Existing Air Quality

Air Monitoring Data

BAAQMD and CARB operate a regional monitoring network that measures the ambient concentrations of the six criteria air pollutants. Criteria air pollutants of concern in the SFBAAB include ozone and particulate matter (PM_{10} and $PM_{2.5}$) as the region is in non-attainment with respect to the federal and State standards for these pollutants. The national ambient air quality standards (NAAQS or "national standards") and California ambient air quality standards (CAAQS or "state standards") are discussed further in Section 3.1.2, *Regulatory Framework*. CO, NO_2, SO_2, lead, visibility reducing particles, sulfates, hydrogen sulfide, and vinyl chloride in the SFBAAB are not of concern as the project would emit negligible volumes of these pollutants.

The monitoring station closest to the SJCC campus is the San José–Jackson station, approximately 2.9 miles northeast of the campus. The San José–Jackson station monitors ozone NO_2, SO_2, PM_{10}, $PM_{2.5}$, and toxics (CARB, n.d.-b). In addition, the EPA monitors CO at the San José – Jackson Street monitoring station (EPA, 2020). **Table 3.1-1** provides a three-year summary or air pollutant concentration data for ozone, CO, NO_2, PM_{10}, and $PM_{2.5}$ measured at BAAQMD's San José–Jackson monitoring station for the years 2017–2019 along with CO data from the EPA monitoring station. Because of the proximity of the SJCC campus to the San José–Jackson monitoring station, air quality measurements collected at this station are understood to be generally representative of conditions in the SJCC campus vicinity.

As shown in Table 3.1-1, the project area has experienced exceedances of the 1-hour and 8-hour ozone standards, the 24-hour PM_{10} standards, and the 24-hour $PM_{2.5}$ standard.

The main sources of DPM emissions near the SJCC campus are heavy-duty truck activity along Interstates 880 and 280, and State Route 17. BAAQMD permitted stationary sources of TACs near the project site include auto body shops, a coffee roaster, backup generators, and gasoline dispensing facilities. The permitted stationary sources emit of TACs from ROGs in addition to DPM.

Existing Health Risk in the Surrounding Area

As discussed previously, the EPA and CARB recognize that exposure to elevated levels of ground-level ozone and PM can be a cause of respiratory and cardiovascular health effects. Through its Community Air Risk Evaluation (CARE) program, BAAQMD compiled estimates of TAC emissions in the SFBAAB for all major source categories including oil refineries, power plants, landfills, dry cleaners, gasoline stations, on-road vehicles, off-road vehicles and equipment, ships, and trains. BAAQMD's cancer-risk weighted emissions inventory shows that a small subset of TACs account for approximately 95 percent of the total cancer risk from air pollutants in the Bay Area, and that DPM is by far the largest driver of cancer risk from TACs. CARE estimates are based on the cancer risk calculation methods adopted by the California Environmental Protection Agency's Office of Environmental Health Hazard Assessment (OEHHA) in 2015.

TABLE 3.1-1
SUMMARY OF AIR QUALITY MONITORING DATA (2017–2019)

Pollutant	National / State Standard	2017	2018	2019
Ozone				
Maximum 1-hour concentration, ppm	0.09 [a]	**0.121**	0.078	**0.095**
Days above State 1-Hour standard		3	0	1
Maximum 8-hour concentration, ppm	0.070 / 0.070	**0.098 / 0.099**	0.061 / 0.061	**0.081 / 0.082**
Days above National and State 8-Hour standard		4	0	2
Nitrogen Dioxide (NO_2)				
Annual average concentration, ppm	0.053 / 0.030	NA / NA	NA / 12	NA / 10
Maximum 1-Hour concentration, ppm	0.100 / 0.18	67.5 / 67	86.1 / 86	59.8 / 59
Days above National 1-Hour standard		0	0	0
Days above State 1-Hour standard		0	0	0
Respirable Particulate Matter (PM_{10})				
Annual average concentration, µg/m^3	20 [a]	**21.3**	**23.1**	19.1
Maximum 24-Hour concentration (national/state), µg/m^3	150 / 50	69.4 / **69.8**	115.4 / **121.8**	75.4 / **77.1**
Estimated number of days above National 24-Hour standard[c]		0	0	0
Estimated number of days above State 24-Hour standard[c]		19	12	12
Fine Particulate Matter ($PM_{2.5}$)				
Annual average, µg/m^3	12.0 / 12	9.5 / NA	12.7 / 12.9	9.0 / 9.1
Maximum 24-Hour, µg/m^3	35 [b]	**49.7**	**133.9**	27.6
Estimated days above National 24-Hour standard[c]		6	16	0
Carbon Monoxide (CO)				
Maximum 8-Hour concentration, ppm	9 / 9.0	1.8	2.1	1.3
Number of days above National or State 8-hour standard		0	0	0
Maximum 1-Hour concentration, ppm	35 / 20	2.1	2.5	1.7
Number of days above National or State 1-hour standard		0	0	0

NOTES:
Ozone, NO_2, PM_{10}, and $PM_{2.5}$ monitoring data from Jackson Street Station. The CARB and EPA use different methods to calculate the emissions for certain criteria air pollutants for comparisons to the state and national standards.

Bold values are in excess of applicable standard.
ppm = parts per million; µg/m^3 = micrograms per cubic meter.

a. State standard, not to be exceeded.
b. National standard, not to be exceeded.
c. PM_{10} and $PM_{2.5}$ concentrations are measured once every 3 days. Estimated days exceeded mathematically estimate of the total number of days in a year the standards would be exceeded had each day been monitored.

SOURCES: CARB, 2020; EPA, 2020.

The Bay Area has benefited from dramatic reductions in public exposure to TACs over time. Based on ambient air quality monitoring, the estimated lifetime cancer risk from all TACs for Bay Area residents declined from 4,100 cases per million in 1990 to 690 cases per million people in 2014. This represents an 83 percent decrease between 1990 and 2014. The cancer risk from DPM, which accounts for most of the cancer risk from TACs as discussed above, has declined substantially over the past 15 to 20 years as a result of CARB regulations and BAAQMD programs to reduce emissions from diesel engines. However, DPM still accounts for roughly 82 percent of the total cancer risk related to TACs (BAAQMD, 2017b).

Sensitive Receptors

Air quality does not affect every individual in the population in the same way; some groups are more sensitive to adverse health effects than others. More sensitive population groups include the elderly and the young; those with higher rates of respiratory disease; and those with other environmental or occupational health exposures (e.g., indoor air quality). BAAQMD defines sensitive receptors as children, adults, and seniors occupying or residing in residential dwellings, schools, childcare centers, hospitals, and senior-care facilities. The reasons for greater-than-average sensitivity may include age, pre-existing health problems, proximity to emissions sources, or duration of exposure to air pollutants. Schools, hospitals, and residential care centers are considered relatively sensitive to poor air quality because children, elderly people, and the infirm are more susceptible to respiratory distress and other air quality–related health problems than the general public. Residences are considered sensitive to poor air quality because people usually are present in their home for many hours per day over extended periods of time, resulting in longer exposure to ambient air. Recreational uses are considered sensitive because of the greater exposure to ambient air, because vigorous exercise places a high demand on the human respiratory system. Workers are not considered sensitive receptors because they have other legal protections; specifically, employers must follow regulations set forth by the Occupational Safety and Health Administration (OSHA) to ensure the health and well-being of their employees (BAAQMD, 2012).

The SJCC campus has sensitive receptors located on all sides of the campus. Buildings of the Santa Clara Valley Medical Center closest to the SJCC campus are located approximately 300 feet to the west across South Bascom Avenue; a residential neighborhood, senior housing, and a church are located across Leigh Avenue to the east; mixed single- and multi-family residential neighborhoods to the south; and single-family residential uses are located to the north across I-280. Figure 2-2 of the *Project Description* shows the land uses in the SJCC campus vicinity. Table 3.5-4 of the *Noise* section identifies the closest sensitive receptors and their approximate distances to the SJCC campus buildings that would undergo either demolition, renovation, or construction under the SJCC FMP.

In addition to residences, a Health Risk Assessment (HRA) prepared in support of this EIR also includes discrete receptors in schools and childcare centers located up to 1,000 feet from the SJCC campus, consistent with the requirement in the BAAQMD guidelines to analyze health risks (BAAQMD, 2017a). The Sherman Oaks Elementary School and Neighborhood Christian Preschool are located within 1,000 feet of the SJCC campus. SJCC currently does not currently provide any on-campus child care services. As discussed in Chapter 2, Project Description, the

SJCC FMP proposes a Child Development Center in the campus in the southeastern corner of the student parking lot E. Future occupants of the Child Development Center are also considered as sensitive receptors in this analysis.

Odors

Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). Although offensive odors rarely cause any physical harm, they remain unpleasant and can lead to public distress, generating complaints by residents to local governments. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors. Generally, increasing the distance between the receptor and the odor source would mitigate odor impacts.

The BAAQMD CEQA Guidelines recommend considering odor impacts for any new odor sources proposed near existing receptors, and for any new sensitive receptors located near existing odor sources. BAAQMD provides examples of odor sources, which include wastewater treatment plants, landfills, confined animal facilities, composting stations, food manufacturing plants, refineries, and chemical plants. There are no such odor sources at or in the vicinity of the SJCC campus.

3.1.2 Regulatory Setting

Federal

Clean Air Act and National Ambient Air Quality Standards

The federal Clean Air Act (CAA) requires EPA to establish national ambient air quality standards to protect public health and the environment. NAAQS are classified as either primary or secondary. Primary standards are meant to provide public health protection, including protecting the health of sensitive populations such as asthmatics, children, and the elderly. Secondary standards provide public welfare protection, including protection against decreased visibility and damage to animals, crops, vegetation, and buildings.

EPA has set NAAQS for several criteria air pollutants: ozone, NO_2, SO_2, CO, PM, and lead. PM includes $PM_{2.5}$, which is 2.5 microns or smaller in diameter, and PM_{10}, which is 10 microns or smaller in diameter.

EPA classifies geographic areas as either attainment or non-attainment for each criteria air pollutant, based on whether the NAAQS have been achieved. Air districts in areas that are designated non-attainment must prepare regional air quality plans, discussed in further detail below, to be included in the overall State Implementation Plan. Areas that have a "maintenance" designation have been non-attainment for a certain criteria pollutant but have been re-designated as attainment. **Table 3.1-2** summarizes the current NAAQS and CAAQS and indicates the attainment status of the Bay Area with respect to these pollutants. As shown in the table, the SFBAAB has been classified as non-attainment with respect to ozone and $PM_{2.5}$ standards.

TABLE 3.1-2
STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS AND SFBAAB ATTAINMENT STATUS

Pollutant	Averaging Time	National Standards		California Standards	
		Concentration	Attainment Status	Concentration	Attainment Status
Ozone	1 hour	—	—	0.09 ppm	Nonattainment
	8 hours	0.07 ppm	Nonattainment	0.070 ppm	Nonattainment
Carbon Monoxide	1 hour	35 ppm	Attainment	20 ppm	Attainment
	8 hours[a]	9.0 ppm	Attainment	9.0 ppm	Attainment
Nitrogen Dioxide	1 hour	0.100 ppm	Unclassified	0.18 ppm	Attainment
	Annual Avg.	0.053 ppm	Attainment	0.030 ppm	Attainment
Sulfur Dioxide	1 hour	0.075 ppm	Attainment	0.25 ppm	Attainment
	24 hours	0.14 ppm	Attainment	0.04 ppm	Attainment
	Annual Avg.	0.030 ppm	Attainment	—	—
Respirable Particulate Matter (PM_{10})	24 hours	150 μg/m^3	Nonattainment	50 μg/m^3	Nonattainment
	Annual Avg.	—	—	20 μg/m^3	Nonattainment
Fine Particulate Matter ($PM_{2.5}$)	24 hours	35 μg/m^3	Nonattainment	—	—
	Annual Avg.	12 μg/m^3	Unclassified/ Attainment	12 μg/m^3	Nonattainment
Lead	Monthly Avg.	—	—	1.5 μg/m^3	Attainment
	Quarterly	1.5 μg/m^3	Attainment	—	—
Hydrogen Sulfide	1 hour	—	—	0.03 ppm	Unclassified
Sulfates	24 hours	—	—	25 μg/m^3	Attainment
Visibility-Reducing Particles	8 hours	—	—	Extinction of 0.23/km; visibility of 10 miles or more	Unclassified
Vinyl Chloride	24 hours	—	—	0.01 ppm	—

NOTES:
μg/m^3 = micrograms per cubic meter; Avg. = Average; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter; PM_{10} = particulate matter 10 microns or less in diameter; ppb = parts per billion; ppm = parts per million

[a] A more-stringent 8-hour carbon monoxide state standard exists around Lake Tahoe (6 ppm).

SOURCE: BAAQMD, 2017c.

Hazardous Air Pollutants

Federal law uses the term "hazardous air pollutants" (HAPs) to refer to the same types of compounds that are referred to as TACs under state law; HAPs are a subset of TACs. Please refer to the discussion of state-identified TACs for more detail, below. Currently, 187 substances are regulated as HAPs. The federal CAA requires EPA to identify the National Emission Standards for Hazardous Air Pollutants (NESHAP) to protect public health and welfare. More than 125 types of stationary sources are regulated under the NESHAP, while mobile-source emissions of HAPs are regulated through vehicle and fuel standards.

State

California Clean Air Act and California Ambient Air Quality Standards

At the state level, CARB oversees California air quality policies and regulations. California has adopted its own air quality standards, known as CAAQS, as shown in Table 3.1-2. In addition to the pollutants regulated at the federal level, California has set ambient air quality standards for hydrogen sulfide, sulfates, visibility-reducing particles, and vinyl chloride. California's ambient standards are at least as protective as the NAAQS and are often more stringent.

In 1988, California enacted the California Clean Air Act (California Health and Safety Code Section 39600 et seq.), which called for the designation of areas as attainment or non-attainment based on State ambient air quality standards (i.e., the CAAQS), rather than the federal standards. The California Clean Air Act requires each air district in which CAAQS are exceeded to prepare a plan that documents reasonable progress toward attainment. If an air basin (or portion thereof) exceeds the CAAQS for a particular criteria air pollutant, it is considered to be non-attainment for that criteria air pollutant until the area can demonstrate compliance. As indicated in Table 3.1-2, the SFBAAB is classified as non-attainment for 8-hour ozone, 1-hour ozone, annual average PM_{10}, 24-hour PM_{10}, and annual average $PM_{2.5}$.

Toxic Air Contaminants

The California Health and Safety Code defines TACs as air pollutants that may cause or contribute to an increase in mortality or in serious illness, or that may pose a present or potential hazard to human health. The State Air Toxics Program was established in 1983 under Assembly Bill (AB) 1807. A total of 243 substances have been designated TACs under California law; they include the 187 (federal) HAPs adopted in accordance with State law. The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) seeks to identify, quantify, and evaluate risks from air toxics sources; however, AB 2588 does not regulate air toxics emissions.

As discussed earlier, the main TAC of concern in the Bay Area is DPM. In August 1998, CARB identified DPM emissions from diesel-fueled engines as a TAC (CARB, n.d.-a). Following this designation, in 2000, CARB approved its comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB, 2000). Further regulations of diesel emissions by CARB include the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression Ignition Diesel Engines and Equipment Program. All of these regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment (refer to the detailed discussion below).

Regional

BAAQMD has jurisdiction over the SFBAAB and monitors and regulates air quality in the region by inspecting and issuing permits for stationary sources of air pollution, responding to citizen complaints, and executing programs to reduce air pollution throughout the region.

BAAQMD Air Quality Plans

As demonstrated in Table 3.1-2, the SFBAAB is designated as nonattainment for both the federal and State ozone standards. As a result, BAAQMD is required to prepare air quality plans under the CAA and the California CAA to meet the federal and State air quality standards in areas that are designated non-attainment. Maintenance plans are required for attainment areas that had previously been designated non-attainment to ensure continued attainment of the standards. Because of the SFBAAB's classification as "serious" non-attainment for the 1-hour ozone standard, BAAQMD is required to update its Clean Air Plan every three years to reflect progress toward meeting attainment status.

In April 2017, BAAQMD adopted the most recent update to its Clean Air Plan, the *2017 Clean Air Plan*, whose primary goals are to protect public health and to protect the climate (BAAQMD, 2017b). The *2017 Clean Air Plan* updates the *Bay Area 2010 Clean Air Plan* and complies with State air quality planning requirements, as codified in the California Health and Safety Code (although the 2017 plan was delayed beyond the three-year update requirement of the code). State law requires the Clean Air Plan (CAP) to include all feasible measures to reduce emissions of ozone precursors and to reduce the transport of ozone precursors to neighboring air basins.

The 2017 CAP contains 85 measures to address reduction of several pollutants: ozone precursors, PM, air toxics, and GHGs. Other measures focus on a single type of pollutant: super GHGs such as methane and black carbon that consist of harmful fine particles that affect public health.

BAAQMD CEQA Guidelines and Thresholds of Significance

The BAAQMD *California Environmental Quality Act Air Quality Guidelines* is an advisory document that provides lead agencies, consultants, and project proponents with procedures for assessing air quality impacts and preparing environmental review documents. The document describes the criteria that BAAQMD uses when reviewing and commenting on the adequacy of environmental documents. It recommends thresholds for use in determining whether projects would have significant adverse environmental impacts, identifies methods for predicting project emissions and impacts, and identifies measures that can be used to avoid or reduce air quality impacts.

BAAQMD updated the 1999 CEQA Air Quality Guidelines in 2010. In May 2011, BAAQMD adopted an updated version of its thresholds of significance for use in determining the significance of projects' environmental effects under CEQA (Thresholds), and published the BAAQMD CEQA Guidelines for consideration by lead agencies. The 2011 BAAQMD CEQA Guidelines' thresholds lowered the previous (1999) thresholds of significance for annual emissions of ROG, NO_X, and PM_{10}, and set a standard for $PM_{2.5}$ and fugitive dust. The 2011 BAAQMD CEQA Guidelines also include methods for evaluating risks and hazards for the siting of stationary sources and of sensitive receptors.

The BAAQMD resolution adopting the significance thresholds in 2010 and 2011 was set aside by the Alameda County Superior Court on March 5, 2012. On August 13, 2013, the California Court of Appeals issued a full reversal of the Superior Court's judgment, and on December 17, 2015, the California Supreme Court reversed in part the appellate court's judgment and remanded the case for further consideration consistent with the Supreme Court opinion. The California

Supreme Court ruled unanimously that CEQA review is focused on a project's impact on the environment "and not the environment's impact on the project" (*California Building Industry Association v. Bay Area Air Quality Management District* [December 17, 2015] 62 Cal.4th 369). The Supreme Court confirmed that "agencies subject to CEQA generally are not required to analyze the impact of existing environmental conditions on a project's future residents or users." The Court also held that when a project has "potentially significant exacerbating effects on existing environmental hazards" those impacts are properly within the scope of CEQA because they can be viewed as impacts of the project on "existing conditions" rather than impacts of the environment on the project.

BAAQMD most recently updated its *CEQA Air Quality Guidelines* in May 2017. These guidelines recommend quantitative significance thresholds along with direction on recommended analysis methods. BAAQMD states that the quantitative significance thresholds are "advisory and should be followed by local governments at their own discretion," and that lead agencies are fully within their authority to develop their own thresholds of significance. However, BAAQMD offers these thresholds for lead agencies to use in order to inform environmental review for development projects in the Bay Area. Lead agencies may also reference the *CEQA Thresholds Options and Justification Report* developed by BAAQMD staff in 2009. This provides lead agencies with a justification for continuing to rely on the BAAQMD 2011 thresholds.

BAAQMD Rules and Regulations

Emissions sources associated with the SJCC FMP would be subject to regulatory requirements in the BAAQMD rules and regulations listed below:

Regulation 2, Rules 1 (General Permit Requirements), 2 (New Source Review), and 5 (New Source Review of Toxic Air Contaminants). Under these rules, all stationary sources that have the potential to emit TACs above a certain level are required to obtain permits from BAAQMD. These rules provide guidance for the review of new and modified stationary sources of TAC emissions, including evaluation of health risks and potential mitigation measures. The regulation also reduces health risks by requiring improved pollution control when existing sources are modified or replaced. If it is determined that a facility's emissions would exceed BAAQMD's threshold of significance for TACs, the source would then be required to implement BACT for Toxics to reduce emissions. Sources of HAPs may also be required to implement Maximum Achievable Control Technology. The proposed emergency generators would be subject to these rules.

Regulation 6, Rule 6. Controls trackout of solid material onto public paved roads from three types of sites: large bulk material sites, large construction sites, and large disturbed area sites.

Regulation 8, Rule 3. Regulates the quantity of VOCs in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured.

Regulation 9, Rule 3. Sets limits on emissions of NO_X from new heat transfer operations by requiring that heat transfer operations designed for a maximum heat output of 264 gigajoules per hour not exceed 125 ppm of NO_X when burning gaseous fuel, and not exceed 225 ppm of NO_X when burning liquid fuel.

Regulation 9, Rule 7. Sets limits the emissions of NOx and CO from industrial, institutional and commercial boilers, steam generators and process heaters of different sizes.

Regulation 9, Rule 8. Imposes emissions limits on spark-ignited engines powered by waste and fossil-derived fuels, compression-ignited engines, and dual fuel pilot compression-ignited engines. limits the hours of operation for emergency standby engines, which must be equipped with a non-resettable totalizing meter that measures either hours of operation or fuel usage.

Regulation 9, Rule 18. BAAQMD regulation being developed to reduce health risks from toxic emissions from existing facilities ranging in size from large-scale plants like factories and oil refineries to smaller operations like back-up generators and gas stations.

Regulation 11, Rule 2. Controls emissions of asbestos to the atmosphere during demolition, renovation, milling, and manufacturing and prohibits the use of asbestos on certain roadways, in molded insulating materials, and on buildings during construction, alteration, and/or repair. The rule also prohibits visible emissions from any operation involving the demolition, renovation, removal, manufacture, or fabrication of asbestos-containing products and specifies procedures to be implemented during these activities.

Planning Healthy Places

In 2016, BAAQMD prepared its *Planning Healthy Places* guidebook to assist local governments, planners, elected officials, developers, community groups, and other parties in addressing and minimizing potential air quality issues associated with local sources of air pollutants, especially TACs and PM. The guidebook provides best management strategies to reduce emissions and human exposure to pollutants that can be implemented in city or county general plans, neighborhood or specific plans, land use development ordinances, or individual projects.

BAAQMD has developed a map identifying areas where best management practices should be applied, and where further study is needed (BAAQMD, 2016). As shown on the Planning Healthy Places map, the project site is located in an area where the recommended best management practices should be applied to reduce exposure and subsequent health impacts associated with air pollution. Best management practices recommended by the Planning Healthy Places guidebook include a number of emissions reduction strategies.

Community Air Risk Evaluation Program

Under the CARE program, BAAQMD has identified areas with high TAC emissions (referred to in this context as “priority” or “impacted” communities) and sensitive populations that could be affected by them, and to uses this information to establish policies and programs to reduce TAC emissions and exposures (BAAQMD, 2014a; BAAQMD, 2014b). To date, BAAQMD has identified Concord, Richmond/San Pablo, central San José, eastern San Francisco, western Alameda County, Vallejo, San Rafael, and Pittsburg/Antioch as CARE-impacted communities where TACs, $PM_{2.5}$, and ozone have the greatest impact on human health (BAAQMD, 2014a). The main objectives of the program are:

- Evaluate potential health risks associated with exposure to TACs from both stationary and mobile sources.

- Assess potential exposures to sensitive receptors and identify impacted communities.
- Prioritize TAC reduction measures for significant TAC sources in impacted communities.
- Develop and implement mitigation measures—such as grants, guidelines, or regulations—to improve air quality, focusing initially on priority communities.

The SJCC campus is located within a CARE-impacted community as identified by the BAAQMD (BAAQMD, 2014a).

Local

There are no local plans and policies related to air quality that are applicable to the proposed SJCC FMP.

3.1.3 Analysis, Impacts, and Mitigation

Significance Criteria

For the purposes of this EIR, an air quality impact would be significant if implementing the SJCC FMP would:

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

Significance Thresholds

Table 3.1-3 summarizes the significance thresholds as described in the *CEQA Air Quality Guidelines* and used in this analysis.

The analysis for potential conflict with or obstruction with the implementation of the applicable air quality plan (significance criterion 1) applies qualitative BAAQMD guidance for lead agencies to consider in assessment of consistency with the 2017 CAP (See Impact 3.1-1).

BAAQMD's significance threshold listed above in Table 3.1-3 are used to assess construction-related impacts due to criteria air pollutant emissions (See Impact 3.1-2) and operational criteria air pollutants emissions (See Impact 3.1-3) (significance criterion 2). The analysis for potential exposure of sensitive receptors (elderly, sick, and young children) to substantial pollutant concentrations (significance criterion 3) uses the BAAQMD's significance criteria for health risks and hazards identified in the above Table 3.1-3, as discussed in Impact 3.1-4.

TABLE 3.1-3
BAY AREA AIR QUALITY MANAGEMENT DISTRICT CEQA AIR QUALITY SIGNIFICANCE THRESHOLDS

Pollutant	Construction Thresholds Average Daily Emissions (pounds per day)	Operational Thresholds	
		Average Daily Emissions (pounds per day)	Maximum Annual Emissions (tons per year)
ROG	54	54	10
NO_X	54	54	10
PM_{10}	82 (exhaust)	82	15
$PM_{2.5}$	54 (exhaust)	54	10
Fugitive Dust	BAAQMD best management practices	Not applicable	
Risks and Hazards for New Sources and Receptors (Project)	Same as operational thresholds	• Increased cancer risk of > 10.0 in 1 million • Increased non-cancer risk of > 1.0 Hazard Index (chronic or acute) • Ambient $PM_{2.5}$ increase: > 0.3 µg/m^3 annual average	
Risks and Hazards for New Sources and Receptors (Cumulative)	Same as operational thresholds	• Increased cancer risk of > 100 in 1 million • Increased non-cancer risk of > 10.0 Hazard Index (chronic or acute) • Ambient $PM_{2.5}$ increase: > 0.8 µg/m^3 annual average	

NOTES:
µg/m^3 = micrograms per cubic meter; BAAQMD = Bay Area Air Quality Management District; CEQA = California Environmental Quality Act; CO = carbon monoxide; NO_X = oxides of nitrogen; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter; PM_{10} = particulate matter 10 microns or less in diameter; ppm = parts per million; ROG = reactive organic gases

Zone of influence for risks and hazards is 1,000-foot radius from property line of source or receptor

SOURCE: BAAQMD, 2017a.

Criterion Not Analyzed

As discussed in the Initial Study, there would be no impact related to the following criterion for the reasons described below, and is therefore not discussed further in this section:

- ***Criterion 4 - Odors.*** With respect to odors, the BAAQMD CEQA Guidelines provide guidance in the form of screening distances to help evaluate potential odor impacts. They identify potential odor sources of concern, such as wastewater treatment plants, oil refineries, asphalt plants, chemical manufacturing, painting/coating operations, coffee roasters, food processing facilities, recycling operations, and metal smelters, and recommend buffer zones around them to avoid potential odor conflicts.

  No such sources of odor are located in the vicinity of the SJCC campus nor would the SJCC FMP result in development that would be a potential source of odors. Further, as the SJCC FMP involves improvements to an existing campus, it would not introduce any new receptors to the campus.

Methodology

Project-related air quality impacts fall into two categories: short-term impacts due to construction, and long-term impacts due to project operation. During construction of the SJCC FMP, criteria air pollutants would be generated primarily from the combustion of fuel in construction equipment

and vehicle trips associated with worker commute, material delivery, and hauling. In addition, construction activities would affect local particulate concentrations due to fugitive dust generated from ground disturbance activities and vehicle travel on unpaved surfaces. Development proposed under the SJCC FMP would be constructed over a 9-year period starting in 2021 and would involve the renovation, demolition, and construction of several buildings at the SJCC campus.

The SJCC campus would continue to operate through the construction period. As buildings are renovated and constructed, they would likely become operational; however, for the evaluation of significance of operational impacts, total operational emissions upon completion of all demolition, renovation and construction activities associated with the SJCC FMP are compared to existing baseline levels.

Operational emissions from the SJCC FMP would be generated primarily from increase in vehicle trips (due to increased student enrollment), energy use associated with the increased building area, and other area sources (such as landscaping, use of architectural coatings for maintenance activities, etc.).

Construction Impacts

Construction Criteria Air Pollutant Emissions

Criteria air pollutant emissions generated from construction activities include:

- Exhaust emissions from fuel combustion for mobile heavy-duty diesel and gasoline-powered equipment (including construction equipment and employee vehicles);
- Particulate matter from soil disturbance during site preparation and grading activities (also known as fugitive dust); and
- Evaporative emissions of ROG from paving activity and the application of architectural coatings.

Construction emissions were estimated using the latest version of the California Emissions Estimator Model (CalEEMod version 2016.3.2). Project-specific inputs to the model included types and sizes of land uses proposed for construction, site area, demolition and renovation areas, infill and off-haul volumes (when provided), and starting year of construction. For the estimation of emissions from demolition and new construction of project buildings, CalEEMod defaults were used for duration of the various construction phases, types, number and activity level of equipment used under each phase as well as the number of worker and truck trips associated with each phase. For the estimation of emissions from renovation, a construction equipment fleet consisting of a crane, a forklift, a loader and an air compressor was assumed.

Based on a preliminary timeline provided by the District, construction activities associated with the SJCC FMP were organized into 5 phases. Each phase was modeled as a separate CalEEMod run. Total SJCC FMP construction emissions were divided by the total number of workdays over the 9-year construction period (taking into account any overlapping phases) to derive average daily emissions. Estimated average daily construction-related emissions of criteria air pollutants are then compared to BAAQMD's significance thresholds (shown in Table 3.1-3) to determine significance of impacts.

Construction phasing, project-specific assumptions and default CalEEMod settings used to estimate emissions can be found in the CalEEMod outputs included in Appendix B.

Construction Health Risk

A health risk assessment (HRA) was completed to evaluate increase in health risks to nearby receptors (i.e., residents and students) from exposure to TACs associated with the proposed SJCC FMP. The HRA focused on construction emissions from the SJCC FMP, which is considered a new but temporary source. The construction HRA estimated cancer risks, chronic health hazards, and $PM_{2.5}$ concentrations at off-site residences, schools and daycare centers located near the project area. The HRA was conducted using guidelines from the BAAQMD and CAPCOA and analyzes the potential health risk and hazard impacts at the receptor that would be exposed to the maximum risk and hazard.

For construction activities, DPM exposure represents the primary health hazard. As discussed earlier, DPM is a complex mixture of chemicals and particulate matter identified by the State as a TAC with potential cancer and chronic non-cancer effects. DPM emissions would be generated by the operation of off-road construction equipment (e.g., excavators, loaders, cranes, graders) and on-road diesel-fueled heavy-duty vehicles. Although other exposure pathways exist (i.e., ingestion, dermal contact), the inhalation pathway is the dominant exposure pathway from DPM for both cancer risk and chronic non-cancer health effects. Consequently, this HRA only evaluates the inhalation cancer and chronic non-cancer effects of DPM inhalation. The methodology for the HRA is detailed in Appendix B.

Average annual DPM emissions for each year of construction of the SJCC FMP from 2021 to 2029 were estimated based on CalEEMod outputs. Annual DPM emissions for each construction year were averaged over the number of construction workdays within each year to generate an annual DPM emission rate for each construction year. PM_{10} is conservatively used as a surrogate for DPM. Similarly, exhaust $PM_{2.5}$ emission rates were also calculated for each construction year.

The AERMOD (version 18081) dispersion model was used to convert construction DPM and $PM_{2.5}$ emission rates derived above to annual DPM and $PM_{2.5}$ concentrations. A receptor grid was placed around the campus site to cover all sensitive receptors up to 1,000 feet from the campus boundary. In addition to residential receptors, the receptor grid includes the two schools located within 1,000 feet of the SJCC campus boundary – the Sherman Oaks Elementary School and the Neighborhood Christian Preschool. Modeling inputs and assumptions for the AERMOD run can be found in Appendix B. The annual concentration resulting from the dispersion modeling was applied to the yearly DPM and $PM_{2.5}$ emission rates estimated using CalEEMod, to represent the DPM and $PM_{2.5}$ concentrations at each receptor for each construction year.

Finally, the calculated DPM concentrations at the receptors for each construction year were applied to the OEHHA unit risk methodologies to calculate the potential increase in lifetime cancer risk, chronic non-cancer risk and $PM_{2.5}$ concentrations from the SJCC FMP's construction activities over the construction duration (OEHHA, 2015). The maximum impacted receptor was identified and the estimated increase in lifetime cancer risk was compared to BAAQMD project-level threshold of 10 in one million.

Non-cancer health hazards for chronic diseases are expressed in terms of a hazard index (HI), a ratio of TAC concentration to a reference exposure level (REL), below which no adverse health effects are expected, even for sensitive individuals. OEHHA has recommended an ambient concentration of 5 $\mu g/m^3$ as the chronic inhalation REL for DPM exhaust. The maximum HI, calculated as the ratio of maximum annual DPM concentration to the REL is compared to the BAAQMD threshold of 1.0, to determine significance. The estimated maximum annual $PM_{2.5}$ concentrations is compared to the BAAQMD threshold of 0.3 $\mu g/m^3$ to evaluate impacts.

Similarly, health risks were estimated for the Neighborhood Christian Preschool and the Sherman Oaks Elementary School located approximately 450 feet and 950 feet to the east and south of the project site, respectively.

The Santa Clara Valley Medical Center, located to the west of the SJCC campus across South Bascom Avenue would have hospital receptors. However, health risks from the SJCC FMP to hospital receptors would be less than those to residential receptors as their exposure duration would only be a fraction of the exposure duration of residential receptors. Further, hospitals are equipped with filtration systems with a minimum efficiency reporting value (MERV) of 13. An air filter's MERV rating measures how effectively the filter stops dust and other contaminants from passing through the filter and into the air stream. Filters with higher MERV ratings trap small particles more effectively than filters with lower MERV ratings. In general, filters with a rating of MERV 16 or below are used for residential, commercial and general hospital use. MERV 17 through MERV 20 filters are typically used in surgical operating rooms, clean rooms and other contexts that require absolute cleanliness. These high efficiency filters can remove particulates in the 0.3- to1-micron size range with an efficiency of 99.97 percent. Therefore, exposure to receptors at the hospital would be significantly lower than residential receptors.

OEHHA health risk parameters. OEHHA equations and the health impact calculations are detailed in Appendix B.

Operational Impacts

Operational Criteria Air pollutants

Buildout of changes proposed under the SJCC FMP would result in an increase in emissions of criteria air pollutants from the SJCC campus. The increase would result from the following sources:

- Mobile sources - Increase in vehicle trips to the campus due to increased student enrollment;
- Energy sources - Increase in combustion of natural gas combustion for space and water heating to serve the expanded campus;
- Area sources - Increase in on-site activities such as landscaping, use of maintenance architectural coatings, and use of consumer products such as cleaning products; and
- Stationary sources – Increase in emissions associated with testing and maintenance of the emergency generators.

Each of these sources is further discussed below.

Mobile Sources. Increased vehicle emissions associated with the SJCC FMP, notably from increase in student enrollment, would be one of the major sources of operational emissions. The net increase in VMT that would occur from the SJCC FMP that was used in this analysis to estimate vehicle-related emissions was derived from the transportation analysis in Section 3.6, *Transportation*. Full buildout from the SJCC FMP would result in a net increase of 1,211 daily trips when compared to existing levels and generate approximately 9,257 additional daily VMT (Hexagon Transportation Consultants, Inc., 2021). In addition to exhaust emissions, vehicles would also generate PM_{10} and $PM_{2.5}$ emissions from entrained road dust and tire and brake wear.

Emergency Generators. The SJCC campus currently includes an emergency generator at the existing GE building which is slated for demolition under the SJCC FMP. It is assumed that this generator would be replaced with a generator of similar size and more recent manufacture, thereby being more energy efficient and reducing emissions. In addition, the SJCC FMP would add a second emergency generator at the proposed Career Technology Education Building (CTE Building), which would be a new source of emissions. The proposed generators would require a permit to operate from the BAAQMD. Emergency generators must be tested monthly, and would be permitted to operate annually for no more than 50 hours per year for testing and maintenance purposes, typically for 1 hour per day each month. Emissions from testing and maintenance of the proposed generators were calculated using emission factors from the US EPA's AP-42 database of emission factors assuming a maximum of 50 hours of operation per year and 1 hour per day for each generator. Emissions from the existing generator were estimated using default emission factors within CalEEMod. Standard generators of a power rating of 650 kilowatts (kW), or 872 horsepower (hp) were assumed for both existing and proposed generators.

Natural Gas Combustion. Air pollutant emissions would be generated on-site from the combustion of natural gas for space and water heating in project buildings. The Central Plant serves the heating and cooling needs of the majority of the campus buildings. Buildings not served by the Central Plant are served by dedicated package systems. Total natural gas use for the campus under existing and projected future (2030) conditions with the project are estimated and presented in the *Utility Infrastructure Master Plan* prepared for the campus (P2S Eng., 2020). These estimates include natural gas consumed by the boilers at the Central Plant as well as natural gas supplied to buildings and facilities not served by the Central Plant. Emissions from natural gas combustion for the existing and future scenarios were calculated based on these estimates and emission factors for natural combustion within CalEEMod.

The Central Plant currently houses three boilers fueled by natural gas and are rated at 4.3 million BTU per hour each. Based on an agreement entered into between the BAAQMD and the District, all three boilers would be replaced with new boilers that comply with the emission limits in BAAQMD Regulation 9, Rule 7, Section 307. The new boilers would be a model certified by the BAAQMD for use under Regulation 9, Rule 7 and would be registered with the BAAQMD, or have a BAAQMD operating permit. As the project would not result in an increase in the number or capacity of the boilers at the campus and since the new boilers would replace high emitting older existing boilers, it is anticipated that there would be a reduction in emissions from the boilers.

Area Sources. The SJCC FMP would generate building-related operational emissions of criteria air pollutants from area sources including architectural coatings, landscaping equipment, and use of consumer products such as cleaning products. CalEEMod defaults were used to estimate emissions from these area sources under both existing and project scenarios.

Operational emissions were estimated using the CalEEMod program for the SJCC FMP buildout year of 2030. Though buildings renovated or constructed prior to 2030 could become operational soon after construction, this analysis focuses on the total increase in operational emissions upon full buildout of the SJCC FMP as compared to existing levels. The increase in emissions due to the SJCC FMP was estimated by separately modeling the existing and FMP scenarios. Inputs and assumptions used in modeling the existing and FMP scenarios are detailed in Appendix B.

Emissions from operations were assumed to occur 365 days a year (i.e., annual emissions were divided by 365 days to arrive at average daily emissions). Impacts were determined by comparing the estimated increase in daily operational emissions upon full buildout of the SJCC FMP to the BAAQMD's significance thresholds for operation.

Operational Health Risk

Emissions of TACs during operation of the SJCC FMP would be minimal. Increase in vehicle trips due to the project would primarily be in the form of gasoline-fueled vehicle trips made by the students and staff. DPM emissions from any increase in truck deliveries to the campus would be minimal and would be subject to CARB idling regulations per § 2485, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling.

Diesel emergency back-up generators would be required as a safety egress requirement for new buildings constructed as part of the proposed SJCC FMP that would exceed 75 feet in height. Therefore, it is assumed that the SJCC FMP would include two new emergency generators – one to replace the existing generator at the GE building and a second at the new CTE building. New diesel generators larger than 50 hp would be subject to the permitting and New Source Review requirements of BAAQMD Regulation 2, and must comply with the Air Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines. As part of the permit application, a source- and site-specific HRA would need to be conducted to ensure that health risks to nearby sensitive receptors would be less than 10 in 1 million. As a practical matter, BAAQMD will not issue a permit for a new generator that results in an operational cancer risk greater than 10 in one million. Therefore, required compliance with existing BAAQMD regulations would ensure that operational health risks from the project would be less than significant and are not discussed further in the analysis presented below.

Health Effects of Criteria Air Pollutants

In a 2018 decision (*Sierra Club v. County of Fresno*, 6 Cal.5th 502, also referred to as *Friant Ranch*), the California Supreme Court decided that CEQA requires disclosure of the potential for a project's emissions to affect human health when the project's criteria air pollutant emissions exceed applicable thresholds and contribute considerably to a significant cumulative impact. The decision requires EIRs to either (1) make a "reasonable effort" to substantively connect the

estimated amount of a given air pollutant a project will produce and the health effects associated with that pollutant, or (2) explain why such an analysis is infeasible.[4]

The Court also clarified that CEQA "does not mandate" that EIRs include "an in-depth risk assessment" that provides "a detailed comprehensive analysis … to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population wide health risks associated with those levels of exposure."[5]

Typically, the health impact of a particular criteria pollutant is analyzed by air districts on a regional scale, based on how close the area is to attaining the ambient air quality standards. Because air districts' attainment plans and supporting air quality modeling tools are regional in nature, they are not typically used to evaluate the impacts of individual projects on ambient concentrations of criteria air pollutants, or to correlate those impacts to potential resultant effects on public health. The complex nature of dispersion of criteria air pollutants and the complex atmospheric chemistry (especially in the case of ozone and fine particulate matter) limit the usefulness of applying the available models to predict health impacts on a project level. The accumulation and dispersion of air pollutant emissions within an air basin depends on the size and distribution of emission sources in the region and meteorological factors such as wind, sunlight, temperature, humidity, rainfall, atmospheric pressure, and topography. Various air districts in California agree that it is very difficult to quantify health impacts and that the specific tools and methods to use are still under development. Therefore, the health effects of criteria pollutants generated by the SJCC FMP are discussed qualitatively in this analysis.

Consistency with Clean Air Plan

As discussed above, the applicable air quality plan is the BAAQMD's 2017 CAP, which identifies measures to reduce emissions and ambient concentrations of air pollutants; safeguard public health by reducing exposure to air pollutants that pose the greatest health risk, with an emphasis on protecting the communities most heavily affected by air pollution; and reduce GHG emissions. Consistency with the CAP can be determined if the project supports the goals of the plan, includes applicable control measures from the plan and would not disrupt or hinder implementation of any plan control measures.

BAAQMD guidance states that lead agencies should consider three questions in assessing consistency with the 2017 CAP: (1) Would the project support the primary goals of the Clean Air Plan? (2) Does the project include applicable control measures from the Clean Air Plan? and (3) Does the project disrupt or hinder implementation of control measures identified in the Clean Air Plan?

To meet the primary goals, the CAP recommends specific control measures and actions. The 2017 CAP includes 85 control measures aimed at reducing air pollution in the SFBAAB. A tabular comparison of applicable control measures in the 2017 CAP and existing implementation mechanisms or elements of the project was completed to determine whether the proposed project would meet the primary goals of the 2017 CAP and whether the project includes all applicable

4 6 Cal.5th at 510–511.
5 6 Cal.5th at 521.

control measures. A qualitative assessment of whether the project would disrupt or hinder implementation of any 2017 CAP control measure was also completed.

Non-CEQA Impacts of the Environment on the Project

As discussed in the Regulatory Setting,[6] CEQA does not generally require lead agencies to consider how existing environmental conditions might impact a project's users or residents, except where the proposed project would exacerbate an existing environmental condition. Accordingly, the identified significance criteria related to exposure of sensitive receptors to substantial pollutant concentrations are valid only to the extent that the proposed project would in some way exacerbate air quality conditions. For this EIR, air quality impacts on the proposed sensitive receptors were considered in the context of the contributions from new emissions from the proposed SJCC FMP, during both construction and operational phases, and not from existing emissions from off-site sources.

The CDC proposed under the SJCC FMP would include sensitive receptors on-campus. The CDC is proposed for construction in 2026 in the southern portion of the campus in the southeastern corner of the student parking lot E. Assuming that it would become operational immediately after completion of construction, future receptors at the CDC would be exposed to emissions from continuing construction activities associated with the project between 2026 and 2029.

Therefore, in addition to off-site receptors, the HRA also analyzes health risks to future on-site occupants of the CDC from exposure to SJCC FMP construction emissions. A separate AERMOD run was conducted to model concentrations at the future project receptors of the CDC. This run included emissions sources associated with construction activities that would occur after completion of the CDC represented as three polygon area sources. Health risks were calculated using OEHHA-recommended methodologies discussed earlier and the results were compared to BAAQMD thresholds.

Cumulative Impacts

Criteria Air Pollutants

By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. Past, present and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. If a project's contribution to the cumulative impact is considerable, then the project's cumulative impact on air quality would be considered significant. In developing thresholds of significance for air pollutants, BAAQMD considered the emission levels at which a project's individual emissions would be cumulatively considerable. Therefore, per the BAAQMD CEQA Guidelines, if a project exceeds the identified project-level significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. If a project generates emissions less than the identified significance thresholds, its emissions would not be considered cumulatively

6 *California Building Industry Association v. Bay Area Air Quality Management District,* 62 Cal.4th 369. Opinion Filed December 17, 2015.

considerable, resulting in a less than significant adverse air quality impact to the region's existing air quality conditions.

Cumulative Health Risk Assessment

The cumulative HRA tabulates the impact of SJCC FMP-related risks plus risks from off-site sources (stationary and mobile) in the vicinity of the campus at the off-site Maximally Exposed Individual Receptor (MEIR). BAAQMD recommends that the cumulative health risk analysis include other air emissions sources within a "zone of influence" of 1,000 feet surrounding the project site. As such, this evaluation includes combined health risks from all sources of TACs and $PM_{2.5}$ for those receptors within 1,000 feet of the project boundary.

Sources evaluated include BAAQMD-permitted stationary sources, roadways with more than 10,000 vehicles per day, highways, major roadways and any other major source of emissions within the zone of influence such as railways. BAAQMD provides tools for screening background health risk impacts for permitted stationary sources, major roadways and highways, and rail. The cumulative analysis relies on these tools. BAAQMD's Health Risk Calculator with Distance Multipliers was used to determine the impact from each permitted source to the MEIRs.

In addition, the cumulative analysis also considered health risks from future sources proposed as part of other projects in the project vicinity. The total cumulative risks to the MEIR is compared to the BAAQMD's cumulative health risk thresholds to determine significance of impacts.

Impacts and Mitigation Measures

Impact 3.1-1: SJCC FMP construction and operation could conflict with or obstruct implementation of the applicable air quality plan. (*Less than Significant with Mitigation*)

The most recently adopted air quality plan for the SFBAAB is the 2017 CAP. The CAP is a road map that demonstrates how the Bay Area will implement all feasible measures to attain ambient air quality standards in accordance with the requirements of the California Clean Air Act. It also provides a control strategy to reduce ozone, PM, air toxics, and GHGs.

BAAQMD recommends that consistency of a project with the applicable air quality plan be determined with respect to the following considerations.

- Support the primary goals of the CAP;
- Include applicable control measures from the CAP; and
- Avoid disrupting or hindering implementation of control measures identified in the CAP.

The primary goals of the 2017 CAP are to attain air quality standards, reduce population exposure to air pollutants, to protect public health in the Bay Area, and to reduce GHG emissions and protect the climate. Any project that would not support these goals would not be considered consistent with the 2017 Clean Air Plan. The recommended measure for determining project support of these goals is consistency with BAAQMD-approved CEQA thresholds of significance. Therefore, if the SJCC FMP would not result in significant and unavoidable air quality impacts,

after the application of all feasible mitigation, the it would be considered consistent with the 2017 Clean Air Plan.

As discussed in detail under Impacts 3.1-2 and 3.1-3 below, the SJCC FMP would not result in emissions exceeding the BAAQMD threshold either during construction or operation. Therefore, the SJCC FMP would be considered to support the primary goals of the Clean Air Plan.

The Clean Air Plan includes 85 control measures aimed at reducing air pollutants and GHGs in the SFBAAB. These control measures are grouped into various categories and include stationary- and area-source measures, mobile-source measures, transportation control measures, land use measures, and energy and climate measures. The Clean Air Plan recognizes that, to a great extent, community design dictates individual travel mode and that a key long-term control strategy to reduce emissions of criteria pollutants, air toxics, and GHG emissions from motor vehicles is to channel future Bay Area growth into communities where goods and services are located nearby and people have a range of viable transportation options. Many of the Clean Air Plan measures address stationary sources and will be implemented by BAAQMD using its permit authority, and therefore, are not suited for implementation through project approval actions. The measures that are appropriate for implementation through project approvals are identified below.

Table 3.1-4 identifies the Clean Air Plan measures that may apply to the SJCC FMP. This table identifies each applicable control strategy and correlates it with specific elements of the project to determine consistency. Mitigation measures identified in Section 3.4, *Greenhouse Gas Emissions* would also ensure the SJCC FMP's consistency with the 2017 Clean Air Plan. These measures have been referenced in the consistency analysis presented in Table 3.1-4. The mitigation measures are detailed in Section 3.4, *Greenhouse Gas Emissions*.

TABLE 3.1-4
SJCC FMP CONSISTENCY WITH POTENTIALLY APPLICABLE 2017 CLEAN AIR PLAN CONTROL MEASURES

Control Measure	Measure Description	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Measure?
SS21—New Source Review of Toxic Air Contaminants	SS21 requires a health impact review for new and modified sources that emit toxic air contaminants (TACs) in excess of trigger levels as regulated by BAAQMD Regulation 2, Rule 5 (Rule 2-5). It also establishes risk thresholds for mitigation and permit approval.	The SJCC FMP's emergency generators would comply with all applicable rules of BAAQMD Regulation 2 including Rules 1, 2 and 5.	Yes.
SS25—Coatings, Solvents, Lubricants, Sealants and Adhesives	SS25 will reduce emissions of ROG from architectural coatings and other materials by proposing more stringent ROG limits as appropriate.	The SJCC FMP would comply with all applicable BAAQMD rules and regulations regarding ROG emission limits.	Yes.
SS32—Emergency Backup Generators	SS32 will reduce emissions of DPM, TACs, and criteria pollutants from existing sources including emergency backup generators by enforcing Rule 11-18, resulting in reduced health risks to impacted individuals.	This draft regulation applies to existing sources. The SJCC FMP would replace the existing emergency generator and thus this regulation would not apply.	Yes.

TABLE 3.1-4
SJCC FMP CONSISTENCY WITH POTENTIALLY APPLICABLE 2017 CLEAN AIR PLAN CONTROL MEASURES

Control Measure	Measure Description	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Measure?
SS36—Particulate Matter from Trackout	SS36 developed Regulation 6, Particulate Matter; Rule 6: Trackout (Rule 6-6) to address mud and dirt that can be "tracked out" from construction sites, bulk material storage, and disturbed surfaces onto public paved roads where vehicle traffic will pulverize the mud and dirt into fine particles and entrain them into the air.	Construction activities associated with the SJCC FMP would implement BMPs required by the BAAQMD, as part of Mitigation Measure 3.1-2, which would reduce trackout.	Yes, with implementation of Mitigation Measure 3.1-2.
SS38—Fugitive Dust	SS38 reduces particulate matter (PM_{10} & $PM_{2.5}$) fugitive dust emissions from traffic and other operations on construction sites, large disturbed surfaces, and other sources of fugitive PM emissions.	Construction activities associated with the SJCC FMP would implement dust control BMPs required by the BAAQMD as part of Mitigation Measure 3.1-2.	Yes, with implementation of Mitigation Measure 3.1-2.
TR3—Local and Regional Bus Service	TR3 aims to reduce emissions by improving existing transit service in the region's core transit systems, and include new bus rapid transit lines in San Francisco, Oakland and Santa Clara County.	Existing transit service to the campus is provided by VTA bus routes 25 and 61. The bus stops closest to the campus, near South Bascom Avenue and Renova Drive are located within one-half mile of the campus. Location of the SJCC campus with access to transit services serves to reduce to reduce emissions associated with automobile trips.	Yes.
TR5—Transit Efficiency and Use	TR5 will improve transit efficiency and make transit more convenient for riders through continued operation of 511 Transit, full implementation of Clipper® fare payment system and the Transit Hub Signage Program.	Transit service to the SJCC campus is provided by VTA bus routes with bus stops located within on-half mile of the campus. The Clipper® fare payment system can be used on VTA buses, and routes and schedules are available on 511 Transit.	Yes.
TR7—Safe Routes to Schools and Safe Routes to Transit	TR7 will facilitate safe routes to schools and transit by providing funds and working with transportation agencies, local governments, schools, and communities to implement safe access for pedestrians and cyclists. Likely projects will include implementation of youth outreach and educational programs to encourage walking and cycling, the construction of bicycle facilities and improvements to pedestrian facilities.	The SJCC campus is served by existing bike facilities on South Bascom Avenue, Leigh Avenue, and Parkmoor Avenue, The *San José Better Bike Plan 2025,* which the city is currently developing, is considering protected bike lanes on South Bascom Avenue, Moorpark Avenue, and Leigh Avenue, which would provide direct access to the campus. The existing and proposed network of bicycle facilities provide good connectivity between transit stops in the vicinity and the SJCC campus. The SJCC FMP proposes several improvements that would increase pedestrian safety within the SJCC campus including rideshare drop-off locations in parking Lots B and G and an expanded drop-off location at the Leland Avenue entrance which would serve as a pedestrian gateway into campus. The existing network of sidewalks and crosswalks in the SJCC campus vicinity provides pedestrians connectivity from pedestrian facilities within the campus boundary to nearby transit stops and other uses in the SJCC campus vicinity.	Yes.

TABLE 3.1-4
SJCC FMP CONSISTENCY WITH POTENTIALLY APPLICABLE 2017 CLEAN AIR PLAN CONTROL MEASURES

Control Measure	Measure Description	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Measure?
TR8—Ridesharing	TR8 will promote ridesharing services and incentives through the implementation of the 511 Regional Rideshare Program, as well as local rideshare programs implemented by Congestion Management Agencies. These activities will include marketing rideshare services, operating a rideshare information call center and website, and provide vanpool support services. In addition, this measure includes provisions for encouraging car sharing programs.	Ridesharing services to the SJCC campus are available through the 511 Regional Rideshare Program as well as other private rideshare programs.	Yes.
TR9—Bicycle and Pedestrian Access and Facilities	The bicycle component of TR9 strives to expand bicycle facilities serving employment sites, educational and cultural facilities, residential areas, shopping districts, and other activity centers. Typical improvements include bike lanes, routes, paths, and bicycle parking facilities. The bicycle component also includes a bike share pilot project that was developed to assess the feasibility of bicycle sharing as a first- and last-mile transit option. The pedestrian component of this measure is intended to improve pedestrian facilities and encourage walking by funding projects that improve pedestrian access to transit, employment sites, and major activity centers. Improvements may include sidewalks/paths, benches, reduced street width and intersection turning radii, crosswalks with activated signals, curb extensions/bulbs, buffers between sidewalks and traffic lanes, and street trees.	The SJCC campus is served by existing bike facilities on South Bascom Avenue, Leigh Avenue, and Parkmoor Avenue, The *San José Better Bike Plan 2025,* which the city is currently developing, is considering protected bike lanes on South Bascom Avenue, Moorpark Avenue, and Leigh Avenue, which would provide direct access to the campus. The existing and proposed network of bicycle facilities provide good connectivity to the residential neighborhoods near the SJCC campus. The SJCC FMP would not remove any existing bicycle facilities, nor would it conflict with any adopted plans or policies for new bicycle facilities In addition, the SJCC FMP includes several on-site improvements to improve pedestrian safety.	Yes.
TR13—Parking Policies	This control measure outlines how MTC and the BAAQMD, in cooperation with regional agency partners, will (1) take actions at the regional level to implement parking policies that will benefit air quality, and (2) encourage and support local agency parking policies to reduce motor vehicle travel and promote focused growth.	The SJCC FMP would incrementally add parking on-campus, however, this would be to address an existing parking shortfall issue.	Yes.
TR14—Cars and Light Trucks	This control measure summarizes actions by the BAAQMD, MTC, local businesses, city and county governments, and State and federal agencies to expand the use of Zero Emission Vehicles and Plug-in Electric passenger vehicles and light-duty trucks within the Bay Area.	Consistent with efforts by the BAAQMD, MTC and the City of San Jose to expand the use of Zero Emissions Vehicles, with the implementation of GHG Mitigation Measure 3.4-1e, Electric Vehicle Charging, the SJCC FMP would designate a minimum of 10 percent of total parking spaces for EV charging to promote the use of zero-emission vehicles and plug-in electric passenger vehicles.	Yes, with Implementation of GHG Mitigation Measure 3.4-1g.

TABLE 3.1-4
SJCC FMP CONSISTENCY WITH POTENTIALLY APPLICABLE 2017 CLEAN AIR PLAN CONTROL MEASURES

Control Measure	Measure Description	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Measure?
TR22—Construction, Freight and Farming Equipment	TR22 directs the BAAQMD to work to reduce emissions from off-road equipment used in the construction, freight handling and farming industries by pursuing the following strategies: (1) offering financial incentives between 2017 and 2030 to retrofit engines with diesel particulate filters or upgrade to equipment with electric or Tier IV off-road engines; (2) work with the California Air Resources Board, the California Energy Commission and others to develop more fuel-efficient off-road engines and drive trains; and (3) work with local communities to encourage use of renewable electricity and fuels.	The SJCC FMP would reduce emissions from off-road construction equipment through the implementation of Mitigation Measure 3.1-3, Construction Health Risk Minimization Plan, which would require that all construction equipment used on-site be certified to Tier 4 Final emission standards.	Yes, with implementation of Mitigation Measure 3.1-3.
EN2—Decrease Energy Use	EN2 would decrease electricity demand through the adoption of additional energy efficiency policies and programs.	All renovated and newly constructed buildings under the SJCC FMP would be compliant with the most recent 2019 Title 24 standards. In addition, almost of the mitigation measures identified in Air Quality and GHG sections while reducing emissions would also reduce energy use.	Yes.
BL1—Green Buildings	BL1 seeks to increase energy efficiency and the use of on-site renewable energy—as well as decarbonize existing end uses—for all types of existing and future buildings.	The new CTE building is proposed to be designed as an all-electricity Zero Net Energy building relying entirely on carbon-free electricity. In addition, GHG Mitigation Measure 3.4-1c requires installation of on-site photovoltaic systems sized adequately to meet the energy needs of the new building at a minimum.	Yes, with GHG Mitigation Measures 3.4-1b and 3.4-1c.
BL2—Decarbonize Buildings	BL2 seeks to reduce greenhouse gas emissions, criteria pollutants and TACs by limiting the installation of space- and water-heating systems and appliances powered by fossil fuels.	The SJCC FMP would reduce GHG emissions, criteria pollutants and TACs through the use of all-electric heating systems in the CTE building. GHG Mitigation Measure 3.4-1b would require all new buildings to be constructed as Zero Net Energy buildings with no natural gas infrastructure and relying entirely on carbon-free electricity.	Yes.

SOURCE: Table complied by Environmental Science Associates in 2021 based on BAAQMD, 2017b.

As demonstrated in Table 3.1-4, on balance, the SJCC FMP is generally consistent with the transportation-related CAP control measures listed in Table 3.1-4 above. This is reflected in the reduction in VMT per student with the implementation of the SJCC FMP. Implementation of GHG **Mitigation Measure 3.4-1e, Electric Vehicle Charging** would ensure the SJCC FMP's consistency with Control Measure TR-14. In addition, mitigation measures proposed for adoption to reduce the effects described under Impacts 3.1-2 and 3.1-4 of this section, and Impact 3.4-1 of Section 3.4, *Greenhouse Gas Emissions* would also support control measures from the 2017 Clean Air Plan.

Lastly, the SJCC FMP involves improvements to the existing campus and would not cause the disruption, delay or otherwise hinder the implementation of any air quality plan control measure. Examples of projects that could cause the disruption or hinder implementation of the Clean Air Plan control measures are projects that would preclude the extension of a transit line or bike path or projects that propose excessive parking beyond parking requirements.

The SJCC FMP would maintain the existing character of the educational campus in an urban area with availability of local transit. It would not preclude the extension of a transit line or a bike path or any other transit improvement. Thus, the SJCC FMP would not disrupt or hinder implementation of control measures identified in the Clean Air Plan.

> **Mitigation:** Implement **Mitigation Measure 3.1-2: Best Management Practices for Controlling Particulate Emissions during Construction, Mitigation Measure 3.1-3: Construction Health Risk Reduction Plan, and Mitigation Measure 3.4-1e, Electric Vehicle Charging in Section 3.4, *Greenhouse Gas Emissions***.
>
> **Significance after Mitigation:** With the mitigation measures identified above, the SJCC FMP would not conflict with, or obstruct implementation of the *2017 Clean Air Plan*, and the impact would be **less than significant with mitigation incorporated**.

Impact 3.1-2: Construction activities associated with the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is non-attainment under an applicable federal or State ambient air quality standard. (*Less than Significant with Mitigation*)

As discussed earlier, the SFBAAB is a non-attainment area for ozone, PM_{10} and $PM_{2.5}$ under federal and State air quality standards. The analysis below focuses on the potential for demolition, renovation and construction activities under the SJCC FMP to result in a cumulatively considerable net increase in construction emissions of ROG and NOx (ozone precursors) as well as PM_{10} and $PM_{2.5}$. Project-related emissions of these pollutants would be considered cumulatively considerable if the estimated average daily emissions from these activities would exceed emission thresholds set forth by BAAQMD.

SJCC FMP construction would generate emissions of criteria air pollutants, including those for which the SFBAAB is non-attainment. Criteria pollutant emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$would be generated from heavy-duty construction equipment, application of architectural coatings, paving, and on-road mobile sources from hauling, vendor, and worker trips. As discussed above in the *Methodology* section, emissions from construction equipment usage and vehicle trips were estimated using CalEEMod. Average daily emissions were estimated assuming construction activities to occur 5 days per week on average. Although it is possible that construction may occasionally occur beyond these days and hours, this is not anticipated to occur with enough frequency to materially affect average daily emissions associated with overall construction activities.

Table 3.1-5 presents the SJCC FMP's average daily unmitigated emissions of construction-related criteria air pollutants and compares them to BAAQMD's significance thresholds.

TABLE 3.1-5
AVERAGE DAILY UNMITIGATED CONSTRUCTION CRITERIA POLLUTANT EMISSIONS

Year	Average Daily Emissions (Pounds per Day)[a]			
	ROG	NO_X	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
Project Increase	5.1	16.4	0.6	0.6
BAAQMD Threshold	54	54	82	54
Exceeds Threshold?	No	No	No	No

NOTES:
NO_X = oxides of nitrogen; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter; PM_{10} = particulate matter 10 microns or less in diameter; ROG = reactive organic gases

[a] Average daily construction emissions represent total annual emissions divided by 260 work days per year.

SOURCE: Data compiled by Environmental Science Associates in 2021 (refer to Appendix B).

Unmitigated SJCC FMP construction emissions would not exceed BAAQMD's CEQA thresholds of significance for all four pollutants. Thus, construction impacts would be **less than significant**.

Consistent with the BAAQMD's methodology, PM emissions shown in Table 3.1-5 include only exhaust emissions. In addition to exhaust emissions, emissions of fugitive dust would also be generated by construction activities associated with grading and earth disturbance, stockpiling, travel on paved and unpaved roads, and other activities. Such emissions could result in a potential significant impact. With regard to fugitive dust emissions, the BAAQMD CEQA Guidelines focus on implementation of recommended dust control measures rather than a quantitative comparison of estimated emissions to a significance threshold. Studies have shown that the application of BMPs at construction sites substantially control fugitive dust (WRAP, 2006) and individual measures have been shown to reduce fugitive dust by anywhere from 30 percent to 90 percent (BAAQMD, 2009). For all projects, the BAAQMD recommends the implementation of its *Basic Control Mitigation Measures* (BAAQMD, 2017a). These measures would be required to be implemented by the SJCC FMP in accordance with **Mitigation Measure 3.1-2** below. The BAAQMD considers implementation of these dust control measures to result in a less than significant impact due to construction fugitive dust.

Mitigation Measure 3.1-2: Best Management Practices for Controlling Particulate Emissions during Construction

To reduce impacts from fugitive dust emissions during SJCC FMP construction, construction contractors shall be required to implement the following BMPs recommended by the BAAQMD for all projects. These measures will reduce particulate emissions primarily during soil movement, grading and demolition activities but also during vehicle and equipment movement on unpaved project sites:

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All vehicle speeds on unpaved roads shall be limited to 15 mph.
- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

Significance after Mitigation: Less than Significant. Implementation of Mitigation Measure 3.1-2 would ensure that dust control measures implemented during construction would be consistent with the guidance from BAAQMD to reduce fugitive dust-related impacts to a less than significant level. Therefore, during construction, the project's contribution to the cumulative air quality impact in the SFBAAB would also be less than significant.

Impact 3.1-3: Operation of campus facilities and buildings developed under the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is non-attainment under an applicable federal or State ambient air quality standard. (*Less than Significant*)

As discussed earlier, the SFBAAB is a non-attainment area for ozone, PM_{10} and $PM_{2.5}$ under federal and State air quality standards. The analysis below focuses on the potential for the increase in campus operational activities due to the project that would result in a cumulatively considerable net increase in operational emissions of ROG and NOx (ozone precursors) as well as PM_{10} and $PM_{2.5}$. Project-related emissions of these pollutants would be considered cumulatively considerable if the estimated average daily emissions from these activities would exceed emission thresholds set forth by BAAQMD.

Operation of buildings and facilities, and associated increase in student population, under the SJCC FMP would result in an increase in criteria air pollutant and precursor emissions, including ROG, NO_X, PM_{10} and $PM_{2.5}$. Emissions would be generated from a variety of sources, including onsite area sources (e.g., increased natural gas combustion for space and water heating, testing and maintenance of new backup generators, operation of landscape maintenance equipment, maintenance application of paint and other architectural coatings, use of consumer products such as cleaning products) and mobile on-road sources from as student and staff commute trips.

As discussed above in the *Methodology* section, increases in operational emissions associated with the SJCC FMP were calculated using the CalEEMod program using inputs detailed in Appendix B. **Table 3.1-6** presents the average daily unmitigated operational emissions of criteria air pollutants for existing and project scenarios. The table also compares the increase in emissions due to the SJCC FMP to average daily and annual significance thresholds from the BAAQMD CEQA Guidelines.

TABLE 3.1-6
INCREASE IN OPERATIONAL CRITERIA POLLUTANT EMISSIONS DUE TO SJCC FMP

Source	Average Daily Emissions[a,b] (lbs/day)			
	ROG	NO_X	PM_{10}	$PM_{2.5}$
Existing				
Mobile Sources	6.0	26.1	36.8	10.0
Area Sources	15.4	< 0.1	< 0.1	< 0.1
Natural gas Combustion	0.6	5.8	0.4	0.4
Emergency Generator	0.2	0.9	< 0.1	< 0.1
Total	**22.2**	**32.8**	**37.2**	**10.5**
With Project (2030)				
Mobile Sources	7.1	31.0	43.7	11.9
Area Sources	19.8	< 0.1	< 0.1	< 0.1
Natural Gas Combustion	1.1	10.4	0.8	0.8
Emergency Generators	0.1	1.8	< 0.1	< 0.1
Total	**28.2**	**43.1**	**44.5**	**12.7**
Net Change from Existing (lbs/day)	5.9	10.3	7.3	2.2
BAAQMD Significance Threshold	54	54	82	54
Exceeds Threshold?	No	No	No	No
Net Change from Existing (tons/year)	1.1	1.9	1.3	0.4
BAAQMD Significance Threshold	10	10	15	10
Exceeds Threshold?	No	No	No	No

NOTES:
NO_X = oxides of nitrogen; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter; PM_{10} = particulate matter 10 microns or less in diameter; ROG = reactive organic gases

[a] Operational emissions are presented for the full buildout year of 2030.

[b] Average daily construction emissions represent total annual emissions divided by 365 days per year.

SOURCE: Table compiled by Environmental Science Associates in 2021 (refer to Appendix B)

As shown in Table 3.1-6, the increase in operational emissions due to the SJCC FMP would not exceed BAAQMD's mass daily or annual significance thresholds for ROG, NO_X, PM_{10}, and $PM_{2.5}$. Although VMT associated with mobile sources would increase over existing conditions with buildout of the SJCC FMP, emissions from mobile sources would not significantly increase due to the greater efficiency of the overall vehicle fleet mix predicted for year 2030. These efficiencies are created by greater fleet fuel efficiency, increase in number of EVs and automobile emissions controls. Thus, the proposed SJCC FMP would result in a **less than significant** impact with respect to operational emissions of ROG, NO_X, PM_{10}, and $PM_{2.5}$.

Mitigation: None required.

Impact 3.1-4: Construction activities associated with the SJCC FMP could lead to health risks from exposure of sensitive receptors to substantial concentrations of TACs. *(Less than Significant with Mitigation)*

DPM represents the primary TAC of concern from construction activities. Construction activities associated with the SJCC FMP would generate DPM emissions from the combustion of diesel in internal combustion engines of construction equipment such as loaders, excavators, backhoes, cranes, as well as diesel-fueled heavy duty haul trucks. Existing sensitive receptors in the vicinity of the campus are detailed earlier in this section. The BAAQMD considers a 1000-foot radius from the emissions source as the zone of influence within which receptors are likely to be exposed to substantial pollutant concentrations. Therefore, this analysis focusses on impacts to residential uses, schools and preschools located within 1,000 feet of the campus boundary, in addition to the future on-site receptors at the proposed Child Development Center (CDC).

The key drivers to exposure sensitivity are concentration of pollutants and duration of exposure. Exposure is a function of the concentration of a substance or substances in the environment and the extent of exposure. According to OEHHA, health risk assessments should be based on a 30-year exposure period (OEHHA, 2015). However, such assessments should be limited to the period/duration of activities associated with the SJCC FMP.

To assess the SJCC FMP's potential to expose sensitive receptors to substantial concentrations of TACs, an HRA was conducted to assess increased cancer risk, non-cancer chronic health effects, and localized annual average $PM_{2.5}$ concentrations from project construction to off-site residential, off-site school and preschool and future on-site CDC receptors. The HRA analyzes maximum risks to off-site residential receptors assuming exposure to a third-trimester fetus.[7] To determine whether significant impacts would occur, the estimated cancer risk, non-cancer chronic risk, and annual average $PM_{2.5}$ concentration results were compared to the project-level health risk significance thresholds of an increase in cancer risk level greater than 10 in 1 million, a non-cancer chronic HI greater than 1.0, and an annual average $PM_{2.5}$ concentrations greater than 0.3 $\mu g/m^3$ of $PM_{2.5}$, respectively.

[7] As discussed above, adults are much less susceptible to increased cancer risk, so to assess worst-case scenario, this analysis accounts this "age sensitivity factor" by including results for child receptors.

As discussed in the *Methodology* section above, the HRA considered two exposure scenarios to assess worst-case risk at locations of both existing off-site and future on-site sensitive receptors:

- Exposure of existing off-site sensitive receptors to the entire duration of project construction from 2021 to 2029.
- Exposure of future on-site sensitive receptors at the CDC to project construction emissions occurring after its construction and occupancy. Based on the schedule provided by the District, the CDC is expected to be constructed from early to mid-2026. Conservatively assuming immediate operation upon completion of construction, occupants of the CDC would be exposed to continuing project construction emissions between 2026 and 2028.

Table 3.1-7 presents the results of the unmitigated HRA for these receptors. The maximally exposed off-site child resident MEIR would occur at the nearest residence south of the campus on Kingman Avenue. The estimated maximum risk to a child resident at the MEIR would occur when the third trimester exposure starts in 2026 and would result in an increase in lifetime cancer risk of 76.8 in 1 million, above the BAAQMD 10 in a million threshold. The risk at this location would be driven by construction activities associated with the CDC, the parking structure and the Aquatic Center. Child receptors at the Neighborhood Christian Preschool and the Sherman Oaks Elementary School would experience maximum increase in lifetime cancer risks of 1.8 and less than 0.01 in a million, respectively, which would be less than the significance thresholds. As shown in Table 3.1-7, all off-site receptors analyzed would experience an increase in chronic non-cancer risks below the BAAQMD threshold for Hazard Index of 1.0 $PM_{2.5}$ concentrations at all analyzed off-site receptors would also be less than the BAAQMD threshold.

Maximum increase in lifetime cancer risk at the future receptors of the CDC would exceed the BAAQMD threshold at 14.5 in 1 million, however, the highest chronic HI and $PM_{2.5}$ concentrations at this receptor would be less than the respective BAAQMD thresholds.

As the incremental lifetime cancer risk to existing nearby residential receptors and future CDC receptors would be above the 10 in one million risk threshold, this impact would be considered **significant**.

Mitigation Measure 3.1-3 identified below would require construction contractors to use construction equipment that meet the Tier 4 Final emission standards. **Table 3.1-8** presents the mitigated health risks for all receptor types under both scenarios. With mitigation, incremental lifetime cancer risk, chronic HI and $PM_{2.5}$ concentrations at all analyzed off-site and on-site receptors would be less than the respective BAAQMD project level thresholds for health risks. This impact would be **less than significant with mitigation**.

TABLE 3.1-7
UNMITIGATED INCREMENTAL INCREASE IN LIFETIME CANCER RISK, CHRONIC HAZARD INDEX, AND ANNUAL AVERAGE $PM_{2.5}$ CONCENTRATION FROM PROJECT CONSTRUCTION

Receptor Type/	Exposure Period	Incremental Increase in Lifetime Cancer Risk (in 1 million)[a]	Chronic Hazard Index[a,b]	Annual Average $PM_{2.5}$ Concentration ($\mu g/m^3$)[a,b]
Off-Site Receptors				
Resident Child MEIR[c]	2021 – 2028	**76.8**	0.05	0.25
Child at Sherman Oaks Elementary School	2021 - 2028	<0.001	0.005	0.02
Child at Neighborhood Christian School	2021 - 2028	1.8	0.003	0.02
Significance Threshold		10	1.0	0.3
Exceeds Threshold (Yes or No)?		**Yes**	No	No
On-Site Receptors				
Child at Child Development Center	2026 - 2028	**14.5**	0.03	0.15
Significance Threshold		10	1.0	0.3
Exceeds Threshold (Yes or No)?		**Yes**	No	No

NOTES: $\mu g/m^3$ = micrograms per cubic meter; HI = Hazard Index; MEIR = Maximally Exposed Individual Receptor; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter
[a] **Bold values** represent risks that exceed thresholds.
[b] Hazard index values and annual average $PM_{2.5}$ concentrations represent the worst year of exposure, not a summation
[c] The resident child cancer risk MEIR is located at nearest residence south of the campus on Kingman Avenue.

SOURCES: Data compiled by Environmental Science Associates in 2021 (refer to Appendix B).

TABLE 3.1-8
MITIGATED INCREMENTAL INCREASE IN LIFETIME CANCER RISK, CHRONIC HAZARD INDEX, AND ANNUAL AVERAGE $PM_{2.5}$ CONCENTRATION FROM SJCC FMP CONSTRUCTION

Receptor Type/	Exposure Period/Max. Risk Year	Incremental Increase in Lifetime Cancer Risk (in 1 million)[a]	Chronic Hazard Index[a,b]	Annual Average $PM_{2.5}$ Concentration ($\mu g/m^3$)[a,b]
Off-Site Receptors				
Resident Child MEIR[c]	2021 - 2028	6.6	0.005	0.02
Child at Sherman Oaks Elementary School	2021 - 2028	<0.001	<0.001	0.002
Child at Neighborhood Christian School	2021 - 2028	0.1	<0.001	0.001
Significance Threshold		10	1.0	0.3
Exceeds Threshold (Yes or No)?		No	No	No
On-Site Receptors				
Child at Child Development Center	2026 - 2028	1.3	0.003	0.01
Significance Threshold		10	1.0	0.3
Exceeds Threshold (Yes or No)?		No	No	No

NOTES: $\mu g/m^3$ = micrograms per cubic meter; HI = Hazard Index; MEIR = Maximally Exposed Individual Receptor; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter
[a] Mitigation assumes use of construction equipment that meet the EPA's Tier 4 Final emission standards.
[b] Hazard index values and annual average $PM_{2.5}$ concentrations represent the worst year of exposure, not a summation.
[c] The resident child cancer risk MEIR is located at nearest residence south of the campus on Kingman Avenue.

SOURCES: Data compiled by Environmental Science Associates in 2021 (refer to Appendix B).

Mitigation Measure 3.1-3: Construction Health Risk Reduction Plan

SJCC shall require construction contractors to implement a Construction Health Risk Reduction Plan that includes the following measures. These measures shall be included as part of contract specifications:

a. Construction contractors shall be required to demonstrate that all heavy-duty off-road construction equipment with engines greater than 25 horsepower used for construction activities shall be equipped with the most effective Verified Diesel Emissions Control Strategies (VDECS) available for the engine type. In this case, the best available VDECS would be implementation of Tier 4F engines as certified by CARB and EPA. This adherence shall be verified through submittal of an equipment inventory and Certification Statement to the BAAQMD. The Certification Statement must state that each contractor agrees to compliance and acknowledges that a significant violation of this requirement shall constitute a material breach of the contractor's agreement and/or the general contract with the project applicant.

b. Use alternative fuels as commercially available, such as renewable diesel, biodiesel, natural gas, propane, and electric equipment, to the extent feasible. Portable equipment shall be powered by grid electricity or alternative, non-fossil fuels (i.e., not diesel) instead of by diesel generators.

c. Idling times on all diesel-fueled commercial vehicles weighing more than 10,000 pounds shall be minimized either by shutting equipment off when not in use or by reducing the maximum idling time to two minutes. This limit is more restrictive than the five-minute limit required by the California airborne toxics control measure (California Code of Regulations Title 13, Section 2485s). Clear signage to this effect shall be provided for construction workers at all access points.

d. Idling times on all diesel-fueled off-road equipment exceeding 25 horsepower shall be minimized either by shutting equipment off when not in use or by reducing the maximum idling time to two minutes. Fleet operators must develop a written policy as required by California Code of Regulations Title 23, Section 2449 ("California Air Resources Board Off-Road Diesel Regulations").

Significance after Mitigation: Less than significant. Implementation of Mitigation Measure 3.1-3 would reduce construction-related health risks to less than the BAAQMD' project level thresholds by requiring use of Tier 4F lower-emissions equipment meeting the most stringent EPA standards.

Impact 3.1-5: The proposed SJCC FMP could lead to increased health risks from exposure of sensitive receptors to substantial concentrations of criteria air pollutants. *(Less than Significant Impact)*

The health effects associated with emissions of criteria pollutants are described in the Air Pollutants of Concern discussion in Section 3.1.1 above. As described in the Criteria Air Pollutants discussion in *Section 3.1.2, Regulatory Setting*, compliance with the ambient air quality standards (NAAQS and CAAQS) indicates that regional air quality can be considered protective of public health.

The SJCC FMP would generate less than significant quantities of criteria pollutant emissions ROG, NOx, and particulate matter, as discussed under Impact 3.2-4. However, the health impacts of these emissions on sensitive receptors is difficult if not speculative to quantify. Given that ozone is a secondary pollutant formed through a complex reaction between its precursors (i.e., NO_X and ROG) in the atmosphere with the presence of sunlight and meteorological conditions, the impacts of ozone are analyzed at a basin-wide or regional level rather than local (SCAQMD, 2014; SJVAPCD, 2014). The health-based ambient air quality standards for ozone are therefore the concentrations of ozone, not the mass emissions of their precursor pollutants NO_X and ROG. Because of the complexity involved with ozone formation, ozone concentrations, and the state of environmental science modeling in use at this time, it is infeasible to quantify targeted ozone concentrations from NO_X or ROG emissions attributable to a particular project or an area. Since the SJCC FMP would not exceed the numeric indicator for ROG and NO_X emissions during either construction or operation, it is not likely that project ROG and NO_X emissions could result in an increase in ground-level ozone concentrations in proximity to the project site or elsewhere in the SFBAAB.

As expressed in the *amicus curiae* brief submitted for the *Sierra Club v. County of Fresno* case (also known as the *Friant Ranch Case;* SJVAPCD, 2014), the CEQA significance thresholds for criteria pollutants from the air districts are set at emission levels tied to the region's attainment status and are emission levels at which stationary pollution sources permitted by the air district must offset their emissions. Therefore, given that the project would not exceed the mass emissions thresholds established by the BAAQMD, it is not likely that emissions from project-related activities will cause or contribute to the exposure of sensitive receptors to ground-level concentrations in excess of health-protective levels.

The primary health concern with exposure to NO_X emissions is the secondary formation of ozone. As the *amicus curiae* briefs submitted for the *Sierra Club v. County of Fresno* case suggested, and as was stated above, because of the complexity of ozone formation, and given the state of environmental science modeling in use at this time, it is infeasible to determine whether, or to what extent, a single project's precursor (i.e., NO_X and ROG) emissions would potentially result in the formation of ground-level ozone, as well as when and where ground-level ozone would form. Furthermore, available models today are designed to determine regional, population-wide health impacts, and cannot accurately quantify ozone-related health impacts caused by project level NO_X or ROG emissions. Notwithstanding these scientific constraints, the disconnect between project level NO_X emissions and ozone-related health impact cannot be bridged at this time.

While specific ROGs may be TACs; they are not expected to present significant health risk impacts from project construction and operational activities. Construction would involve use of equipment and trucks powered by diesel engines that produce substantially fewer ROG emissions than gasoline powered motor vehicles. Potential health risks from DPM emissions generated by diesel equipment and trucks, discussed above under Impact 3.1-4, far outweigh the risks associated with ROG. ROG emissions generated by the project would be from motor vehicles, construction equipment, and architectural coatings, but the level of emissions generated would not result in the exceedances of the BAAQMD's significance thresholds as shown in Tables 3.1-5

and 3.1-6. Additionally, the Project would comply with BAAQMD Regulation 8, Rule 3, which restricts the ROG content of coatings for both construction and operational applications.

As discussed under Impacts 3.1-2 and 3.1-3, construction and operation of the SJCC FMP would not result in NOx or ROG emissions that exceed the BAAQMD's average daily or total annual emission thresholds that are established at health protective levels with an adequate margin of safety. Therefore, individual project emissions less than these levels would not be anticipated to result in an adverse health effects from exposure to ROG or NOx. The SJCC FMP's impact would be **less than significant**.

Mitigation: None required.

Cumulative Impacts

Impact C-3.1-6: Implementation of the SJCC FMP combined with cumulative development in the vicinity would result in a cumulatively considerable net increase of a criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard. (Less than Significant with Mitigation)

BAAQMD developed thresholds of significance for both construction and operation with consideration of individual project emission levels that would be cumulatively considerable. If a project exceeds the identified project significance levels, then its emissions would be cumulatively considerable. The analysis in Impact 3.1-2 demonstrates that, with mitigation, the SJCC FMP's construction emissions would not exceed emission thresholds for ROG, NO_X, PM_{10} or $PM_{2.5}$. Likewise, the analysis under Impact 3.1-3 shows that operational emissions under the SJCC FMP would not exceed emission thresholds for ROG, NO_X, PM_{10} or $PM_{2.5}$. Therefore, the SJCC FMP's contribution to the cumulative air quality impact of the area would be less than significant during both construction and operation.

Impact 3.1-1 above, addresses potential impacts with respect to consistency with the BAAQMD 2017 Clean Air Plan. Because the 2017 Clean Air Plan focuses on reducing population exposure to air pollutants throughout the region, the assessment in Impact 3.1-1 is a cumulative analysis as it assesses consistency with a region wide air quality plan. Therefore, a separate cumulative assessment of consistency with the 2017 Clean Air Plan is not required.

Mitigation: Implement Mitigation Measure 3.1-2.

Significance after Mitigation: Less than Significant.

Impact C-3.1-7: Implementation of the SJCC FMP could contribute considerably to cumulative emissions of TACs and $PM_{2.5}$ that could expose sensitive receptors to substantial pollutant concentrations or health risks. (Less than Significant with Mitigation*)*

In addition to a project's individual TAC impacts during construction and operation, the BAAQMD recommends evaluating the potential cumulative health risks to sensitive receptors from existing and reasonably foreseeable future sources of TACs. The method for determining cumulative health risk requires the tallying of health risk from permitted stationary sources, major roadways, and any other identified substantial sources of TACs in the vicinity of a project site (i.e., within a 1,000-foot radius) and then adding the individual sources to determine whether the BAAQMD's cumulative health risk thresholds are exceeded.

Table 3.1-9 shows the health risks to the off-site residential MEIR identified under the construction health risk analysis in Impact 3.1-4 above, from project and cumulative sources. The only permitted stationary source within 1,000 feet of this receptor is the existing emergency generator at the existing GE building which would be demolished under the project. In addition, there are no foreseeable off-site cumulative construction projects in the project vicinity that could occur at approximately the same time as the project. Therefore, the cumulative health risks at the MEIR are a sum of the project's mitigated construction risks, operational risks and the background risks from mobile sources as determined using the BAAQMD's tools. As shown in Table 3.1-9, the cumulative health risks to the off-site MEIR under the SJCC FMP would be less than the BAAQMD's cumulative thresholds and hence, **less than significant**.

TABLE 3.1-9
CUMULATIVE HEALTH IMPACTS TO OFF-SITE MEIR

Source Type	Cancer Risk (persons per million)	Chronic Hazard Impact	$PM_{2.5}$ Concentration ($\mu g/m^3$)
Mobile Sources			
Highways	11.9	--	0.35
Major Roadways	4.3	--	0.09
Rail	2.8	--	0.005
Project Sources			
Mitigated SJCC FMP Construction	6.6	0.005	0.02
SJCC FMP Emergency Generators[a]	20.0	<0.01	0.01
Cumulative Impacts[b]	45.6	<0.01	0.48
BAAQMD Cumulative Significance Thresholds	100	10	0.8
Exceeds Cumulative Threshold?	No	No	No

NOTES:
[a] Risks posed by the generators are conservatively assumed to be at the maximum permitted value, but would likely be less.
[b] Cumulative totals may not add up due to rounding.

SOURCE: Appendix B.

Mitigation: Implement Mitigation Measure 3.1-3.

Significance after Mitigation: Less than Significant.

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3.2 Cultural Resources

This section assesses the potential for the proposed SJCC FMP to materially damage or disturb historic architectural resources. Prehistoric and historic-era archaeological resources and human remains were analyzed in the Initial Study and the impacts to these types of resources were determined to be less than significant with mitigation (see **Appendix A**). This section describes the existing environmental setting for historic architectural resources; discusses the federal, State, and local regulatory framework; and evaluates potentially significant impacts of the proposed project on historic architectural resources. Feasible mitigation measures are identified to avoid or minimize potentially significant impacts on these resources to the extent feasible.

Further, this study was initiated after Governor Gavin Newsom issued Executive Order N-33-20, a statewide shelter-in-place order in response to the pandemic. This has limited travel and forced the closure of publicly accessible archives; therefore, conducting in-person research at various repositories was not possible. However, the material that was available online and in ESA's own library, as well as the data provided by the District is sufficient to determine the presence or absence of historical resources pursuant to CEQA on the SJCC campus. The analysis is supplemented by additional research using information from the California Historic Resources Information System, historic map research, and previously completed building evaluations prepared for the campus included as **Appendix C**.

3.2.1 Environmental Setting

Definitions

The term *cultural resource* describes historic architectural resources (also referred to as the *built environment*); archaeological sites (both prehistoric and historic-era) consisting of material evidence of past human use of the landscape; and tribal cultural resources as places of importance to Native American tribes. As this section focuses only on historic architectural resources that is the only definition provided below.

Historic architectural resources include buildings, structures, objects, and historic districts. Residences, cabins, barns, military-related features, industrial buildings, and bridges are examples of historic resources. The CEQA Guidelines define a historical resource as:

(1) A resource in the California Register of Historic Resources (California Register);

(2) A resource included in a local register of historical resources as defined in Public Resources Code (PRC) Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g); or

(3) Any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California—provided the lead agency's determination is supported by substantial evidence in light of the whole record.

The City of San José Historic Resources Inventory (HRI) was established to identify historic resources of varying significance.[1] It includes properties listed on or eligible for the National Register of Historic Places (National Register) and California Register, as well as those listed as or eligible for listing as City Landmarks/Districts, Candidate City Landmarks/Districts, Structures of Merit, and Identified Sites/Structures. City Landmarks are those properties that have "historical, architectural, cultural, aesthetic or engineering interest or value of a historical nature."[2] Structures of Merit and Identified Sites/Structures are considered of lesser historic significance, as defined in the *Envision San José 2040 General Plan* (City General Plan), but do not meet the criteria for City Landmark or Candidate City Landmark status as set forth in San José Municipal Code Chapter 13.48. Only City Landmarks and Districts, Candidate City Landmarks and Districts, and their contributors are considered historical resources under CEQA because all are defined with locally adopted criteria listed in City Historic Preservation Ordinance Chapter 13.48. (The City Landmark designation also includes National Register– and California Register–listed and eligible properties.) Identified Sites/Structures and Contributing Sites/ Structures outside of City Landmark and Candidate Landmark Districts are classifications of the HRI that may require additional research and evaluation to determine specific areas significance and levels of eligibility.

Historic Context

City of San José

California was ceded to the United States at the end of the Mexican-American War in 1848 and became a state two years later with San Jose serving as the first capital. [3] The discovery of gold shortly after the annexation of California to the United States spurred growth in San José as a supply hub for gold seekers as well as for those that recognized its agricultural potential.[4] The combination of miners passing through, expanding agriculture, and the arrival of legislators spurred the rapid development.[5]

History of San José City College

The following is from the San José Modernism Historic Context Statement:[6]

> San José Junior College (renamed San José City College in 1958) was housed in San José High School buildings from its 1921 founding until 1928, and then physically associated with San José State College (now San José State University) from 1928-1953. In March 1948, the legislature received a recommendation that the Junior College and State College separate. In 1953, the San José Unified School District began overseeing the Junior College at its own campus on Moorpark Avenue at San José-Los Gatos Road (Project Site), where Higgins & Root Associates, AIA, had designed twenty "movable" units arranged

1 The HRI is not a complete list of all historic resources in San José. It was last comprehensively updated in 2016 and is updated on a parcel-by-parcel basis through individual, project-based review. Parcels not listed on the HRI may qualify for listing upon further analysis and review.

2 City of San José, *City of San José Municipal Code* Section 13.48.020(A).

3 Sanjose.org website, https://www.sanjose.org/pdf/visit-san-jose-san-joses-history, accessed December 16, 2020.

4 Archives and Architecture, *Historical Overview and Context for the City of San Jose*, 1992, page 5.

5 Archives and Architecture, *Historical Overview and Context for the City of San Jose*, 1992, page 7.

6 PAST Consultants, LLC, *San Jose Modernism Historic Context Statement*, June 2009, pages 59-61.

around a quadrangle, costing $211,000. In Spring 1954, the Board of Education approved the college's site plan, which envisioned developing the 58-acre campus for 2,000 students. Immediate plans called for nine additional movable units, plus permanent buildings including an administration building, men's gymnasium, library, three science laboratories, plus football and baseball fields and a track.

By January 1956, the San José Mercury News labeled the Junior College as a "burgeoning giant among Santa Clara County schools" with 3,645 students, far above the 1954 estimate of 2,000 pupils. The fears that the Junior College and San José State would compete for students and duplicate offerings had been unfounded. The paper noted that given San José's rapid growth, the only thing that would slow the development of the Junior College would be lack of facilities rather than lack of enrollment.

Construction continued in the 1960s, when a new master plan was unveiled. The cover of the February 1961 San José-Santa Clara telephone directory featured an aerial rendering of the college. A new 11,814 square foot Speech Arts building, with a 350-seat theatre (reputedly "the most technically advanced in the San José area"), full stage, mobile orchestra pit, makeup rooms, three classrooms, and modern lighting system was completed in 1963 on the north end of campus. Higgins & Root Associates, AIA, was the architect and O.E. Anderson Co. was the contractor. Higgins & Root also designed the college's 24,600 square foot, concrete block Student Service Center Building (1962), with a sunken, 120 square foot landscaped courtyard, located just south of the Administration Building. In 1963, the San José/Evergreen Community College District was formed, comprising San José City College and Evergreen Valley College.

Historic Resources on the Project Site

Methodology/Identification of Historic Resources

The SJCC campus was established over 50 years ago; therefore, an assessment was conducted to determine if historic-age buildings were present and if these qualified as historic resource according to CEQA that could be significantly impacted by the proposed SJCC FMP. Archaeological Resource Management (ARM) prepared two reports in 2009; *Stage I: Historical Background & Photography of 12 Structures on the San Jose City College Campus* and *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*. ARM concluded that "[n]one of the twelve structures on the San Jose City College campus evaluated for this report appear to be potentially eligible for in the National Register of Historic Places or the California Register of Historic Resources."[7]

The twelve buildings included the Men's Gymnasium (1955), Women's Gymnasium, also referred to as Auxiliary Gym in the past (1950), Swimming Pool (1960), Racquetball Courts (1977), Field House (c1960), Classroom Blocks (Buildings, 100, 200, 300, and the Central Plant; Building 300 is in the process of being demolished) (1952), and the three buildings associated

[7] Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*, page 2.

with the Arts Complex (c1954). **Table 3.2-1** below summarizes the status of these buildings as potential historic resources.

TABLE 3.2-1
BUILDINGS AFFECTED BY PROPOSED PROJECT

Name/Number	Proposed Action	Year Built	Historic Resource Status
Building 200	Renovation	1952	Recommended ineligible (ARM, 2009)
RC Building	Renovation	NHA	n/a
Technology Center	Renovation	NHA	n/a
Jaguar Student Development and Multi-Cultural Center (formerly the Men's Gym)	Renovation	1955	Recommended ineligible (ARM, 2009)
Theater Arts Building	Renovation/addition(s)	c1954	Recommended ineligible (ARM, 2009)
Central Plant	Addition	1952	Recommended ineligible (ARM, 2009)
Track and Field	Addition	c1960	Recommended ineligible (ARM, 2009)
Business Building	Demolition	1961	Recommended ineligible (ESA, 2021)
General Education Building	Demolition	NHA	n/a

NOTES:
CL= City Landmark
IS = Identified Structure: Listed on the HRI as a potential historic resource pending further research and evaluation.
NHA = not historic-age

Summary of Significance

The proposed SJCC FMP proposes the renovation or demolition of ten (10) buildings, six of which are historic-age. Five of the historic-age buildings were evaluated by ARM in 2009 and one by ESA in 2021. A summary of each of the building evaluations is provided below. More detailed building evaluations are provided in Appendix C.

CTE Building 200 and the Central Plant

Career Technical Education (CTE) Building 200 and the Central Plant were included in ARM's 2009 evaluation as part of the Classroom Block. The Classroom Block also included CTE Building 100 and CTE Building 300. The 2009 report determined that there were no significant events or people associated with the Classroom Block and that the modernist architectural style was not a significant representation of that style.[8] As such the Classroom Block, which includes CTE Building 200 and the Central Plant, were recommended as ineligible.

Jaguar Student Development and Multi-Cultural Center (formerly the Men's Gym)

The Jaguar Student Development and Multi-Cultural Center, identified as the Men's Gym in the 2009 evaluation, was evaluated as part of the SJCC Athletic Complex. The SJCC Athletic Complex also included the Women's Gym, Swimming Pool, Field House, and Racquetball Courts. While it was noted that in the past seven decades former SJCC athletes have gone on to gain national significance by becoming Olympic champions and world record holders the

[8] Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*, page 2.

associations were primarily with the track and not with the Men's Gym and other buildings; therefore, it was determined that the SJCC Athletic Complex, including the Men's Gym, was not associated with events or persons of historic significance (California Register Criteria 1 and 2).[9] "The structures are built in a modernist architectural style; however, they do not appear to be a significant enough example of modernism to be eligible for listing under criterion 3.[10] Therefore, the 2009 report recommended the SJCC Athletic Complex ineligible.

Theater Arts Building

The Theater Arts Building was evaluated in 2009 as part of the Fine Arts Complex. The Fine Arts Complex also included two smaller ancillary buildings that are attached by breezeways. The 2009 report determined that there were no significant events or people associated with the Fine Arts Complex and that the modernist architectural style was not a significant representation of that style.[11] Therefore, the 2009 report recommended the Fine Arts Complex, which includes the Theater Arts Building, as ineligible.

Business Building

ESA evaluated the Business Building (Building B) for eligibility for the California Register of Historical Resources and locally as a Candidate City Landmark or Structure of Merit. Due to its lack of association with significant events and people, lack of architectural distinction as a Higgins & Root designed project, and lack of information potential ESA recommends the Business Building as ineligible both at the state (California Register) and local levels.

There are no listed or eligible historical resources according to CEQA on the SJCC campus that could be impacted by the proposed SJCC FMP.

Historic Resources within 200-feet of the Project Site

There are no known historic resources within 200 feet of the SJCC campus.[12]

3.2.2 Regulatory Setting

Federal

National Historic Preservation Act

The National Historic Preservation Act of 1966, as amended (U.S. Code Title 54, Section 306108), and its implementing regulations established the National Register of Historic Places as a comprehensive inventory of known historic resources throughout the United States. The National Register is administered by the National Park Service under the direction of the Secretary of the Interior. It includes buildings, structures, sites, objects, and districts that possess historic, architectural, archaeological, engineering, or cultural significance. A property is

9 Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*, page 2.

10 Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*, page 2.

11 Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*, page 2.

12 Northwest Information Center records search, July 27, 2020.

considered significant if it meets the criteria for listing in the National Register at Code of Federal Regulations Title 36, Section 60.4 (36 CFR 60.4), as stated below:

> The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and that:
>
> A. Are associated with events that have made a significant contribution to the broad patterns of our history, or
>
> B. Are associated with the lives of persons significant in our past, or
>
> C. Embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction, or
>
> D. Have yielded, or may be likely to yield, information important in prehistory or history.

If a federal action is required for implementation of a project, National Historic Preservation Act Section 106 requires federal agencies to consider the effects of the undertaking on historic properties (properties listed in or eligible for listing in the National Register) and to afford the Advisory Council on Historic Preservation a reasonable opportunity to comment on any undertaking that would adversely affect properties eligible for listing in the National Register. The Section 106 review normally involves a four-step procedure, which is described in detail in the implementing regulations (36 CFR Part 800). The four steps can be summarized as follows:

1. Identify historic properties in consultation with the State Historic Preservation Office and interested parties.
2. Assess effects.
3. Consult with the State Historic Preservation Office and others to develop and execute an agreement regarding the treatment of historic properties.
4. Proceed with the project according to the agreement.

Secretary of the Interior's Standards and Guidelines

The Secretary of the Interior's Standards for the Treatment of Historic Properties (Standards) outline four specific approaches to the treatment of historic properties: preservation, restoration, rehabilitation, and reconstruction. CEQA references these standards when considering the significance of project impacts, or mitigation of said impacts on historic structures.

Of these approaches, rehabilitation is the most commonly applied set of standards. The Secretary of the Interior's Standards for Rehabilitation are as follows:[13]

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.

[13] The exact wording of the standards varies depending on the source. These are taken from National Park Service, Technical Preservation Services website. Available at https://www.nps.gov/tps/standards.htm. Accessed March 30, 2020.

2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.
6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
8. Significant archeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.
9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

State

California Register of Historical Resources

The California Register is "an authoritative listing and guide to be used by state and local agencies, private groups, and citizens in identifying the existing historical resources of the state and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change" (PRC Section 5024.1(a)). Certain resources are determined by law to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register.

To be eligible for the California Register, a historical resource must be significant at the federal, state, or local level under one or more of the following criteria (PRC Section 5024.1(c)):

(1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.

(2) Is associated with the lives of persons important in our past.

(3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.

(4) Has yielded, or may be likely to yield, information important in prehistory or history.

Integrity is the authenticity of a historic resource's physical identity as shown by the survival of characteristics that existed during the period of significance. For a resource to be eligible for the California Register, it must also retain enough integrity to be recognizable as a historic resource and to convey the reasons for its significance. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. A resource that does not retain sufficient integrity to meet the National Register criteria may still be eligible for listing in the California Register.

Significance Criteria

For the purposes of this EIR, a cultural resources impact would be significant if implementing the proposed SJCC FMP would:

- Cause a substantial adverse change in the significance of a historic resource pursuant to CEQA Guidelines Section 15064.5

As stated previously, for the purposes of CEQA, historic resources are those resources listed or determined eligible for listing in the National Register or California Register, or as being designated or meeting the criteria for designation as City Landmarks and City Landmark Districts, including Candidate City Landmarks and Candidate City Landmark Districts. These include contributors to districts that also meet these criteria. Structures of Merit, Identified Sites/ Structures, Conservation Areas (including their contributing sites/structures), and Contributing Sites/Structures that are not associated with a Candidate or Landmark District are eligible for listing in the HRI and contribute to the historic fabric of San José but do not qualify as historic resources for the purposes of CEQA. They are presented in the preceding discussion for disclosure purposes and are not included in the impacts discussion below.

Potential Impacts to Archaeological Resources and Disturbance to Human Remains

As disclosed earlier, the Initial Study analyzed the potential impacts of the SJCC FMP to archaeological resources, and the potential disturbance to human remains. See the Initial Study–Appendix A, Cultural Resources subsection for discussions and identified mitigation measures. As demonstrated in the Initial Study, the resulting impact to these resources would be less than significant with implementation of mitigation measures as needed. Similarly, with implementation of the identified mitigation measures, the proposed SJCC FMP's contribution to cumulative impacts would not be considerable, and the impact would be less than significant with mitigation. As such these effects are not discussed further in this section.

3.2.3 Analysis, Impacts, and Mitigation

Approach to Analysis

Historic Resources

Potential impacts on historic resources were assessed by identifying any activities (during either construction or operations) that could affect resources identified as historic resources for the purposes of CEQA.

CEQA and CEQA Guidelines

Once a resource has been identified as a CEQA historic resource, it must be determined whether the project's impacts would "cause a substantial adverse change in the significance" of the resource (CEQA Guidelines Section 15064.5(b)). A substantial adverse change in the significance of a historic resource means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be materially impaired" (CEQA Guidelines Section 15064(b)(1)). A historical resource is considered materially impaired through the demolition or alteration of the resource's physical characteristics that convey its historical significance and that justify its inclusion in the California Register (CEQA Guidelines Section 15064.5(b)(2)(A)).

Where potential impacts on historical resources are identified, CEQA Guidelines Section 15126.4(b) states that compliance with the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings* will generally reduce potential impacts to a less-than-significant level. In addition, "in some circumstances, documentation of an historical resource … as mitigation for the effects of demolition of the resource will not mitigate the effects to a point where clearly no significant effect on the environment would occur" (CEQA Guidelines Section 15126.4(b)(2)).

Evaluation Summary

The project would result in the demolition of one historic-age building, the Business Building. ESA evaluated the Business Building for eligibility on the California Register and at the local level as a City of San Jose Landmark or Candidate City Landmark. The Business Building is recommended ineligible for listing in the California Register or locally as a City Landmark. The full evaluation of the Business Building is located in the Department of Parks and Recreation (DPR) 523 form set in Appendix C.

Impacts and Mitigation Measures

Historic Architectural Resources

Impact 3.2-1: Implementation of the SJCC FMP would demolish historic architectural resources, but would not result in a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. (No Impact)

Research has indicated that there are no known historic architectural resources located on the SJCC campus. The SJCC FMP would result in the demolition of one (1) historic-age building, the

Business Building. ESA evaluated the Business Building for eligibility on the California Register and at the local level as a Candidate City Landmark. A brief history of SJCC is provided above, as well as summery of the evaluation of the Business Building.

The full evaluation of the Business Building is located in the DPR523 form set in Appendix C. It has been evaluated for eligibility for the California Register of Historical Resources under the established four criteria.

It was determined that the Business Building was not eligible for listing on the California Register or at the local level as a Candidate City Landmark. The Business Building was built in 1961 in the International Style and was designed by Higgins & Root. The history of SJCC archival evidence did not reveal that any significant events were specifically associated with the Business Building (Criterion 1). The Business Building lacks association with significant events and people (Criterion 2). The Business Building is not considered an excellent surviving example of the Higgins & Root's work as little remains of the original master planned campus and it does not warrant consideration as a historic resource individually. Therefore, the Business Building is recommended ineligible for the California Register under Criterion 3. Research did not reveal that the Business Building would provide important information relevant to history or pre-history that was not already known (Criterion 4).

Due to these reasons, it has been recommended ineligible because it lacks association with significant events and people, lacks architectural distinction as a Higgins & Root designed project, and lacks information potential for qualification as a historic resource. Therefore, it is not a historical resource under CEQA. As there are no other historic resources on the SJCC campus the proposed SJCC FMP would have **no impact** to historical resources as defined in CEQA Guidelines Section 15064.5.

Mitigation: None required.

Cumulative Impacts

Impact C-3.2-2: Implementation of the SJCC FMP would result in cumulatively considerable impacts on historic architectural resources, in combination with past, present and reasonably foreseeable future projects in the vicinity of the SJCC campus site. (No Impact)

There are no historic architectural resources as defined by CEQA that would be impacted by the proposed SJCC FMP; therefore, no cumulative impacts would result from the proposed SJCC FMP.

Mitigation: None required.

3.2.4 References

Archaeological Resources Management, *Stage II Historic Evaluation of 12 Structures on the San Jose City College Campus*. Archives and Architecture, *Historical Overview and Context for the City of San Jose*, 1992.

National Park Service, Technical Preservation Services website. Available at https://www.nps.gov/tps/standards.htm. Accessed March 30, 2020.

PAST Consultants, LLC, San Jose Modernism Historic Context Statement, June 2009.

Sanjose.org website, https://www.sanjose.org/pdf/visit-san-jose-san-joses-history, accessed December 16, 2020.

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3.3 Energy

This section describes and evaluates effects on energy resources such as electricity, natural gas, and transportation fuels that could result from construction and operation of development proposed in the SJCC FMP. The section describes the existing energy infrastructure serving the SJCC campus and the existing energy consumption at the campus; summarizes federal, State, regional, and local laws and regulations related to energy demand and conservation; analyzes the potential impacts of the SJCC FMP related to energy demand; and identifies potentially feasible measures that could mitigate significant impacts.

The information has been prepared in accordance with Public Resources Code (PRC) Section 21100(b)(3), CEQA Guidelines Section 15126.2(b), and CEQA Guidelines Appendix F. Section 15126.2(b) and Appendix F provide that an EIR should evaluate potential impacts of a proposed project as a result of the demand for energy during the project's construction and operational phases and encourage measures to avoid or reduce inefficient, wasteful, or unnecessary consumption of energy.

The analysis in this section was developed based on project-specific construction and operational features described in Chapter 2, *Project Description*, and Section 3.7, *Utilities and Service Systems*. The analysis also accounts for and is consistent with assumptions made in Section 3.1, *Air Quality*, Section 3.4, *Greenhouse Gas Emissions*, and Section 3.6, *Transportation*.

3.3.1 Environmental Setting

State Energy Profile

Total energy usage in California was 7,967 trillion British thermal units (Btu) in 2018 (the most recent year for which data is available), which equates to an average of 202 million Btu per capita per year. These figures place California second among the 50 states in total energy use and 48th in per-capita consumption. Of California's total energy usage, the breakdown by sector is roughly 40 percent transportation, 23 percent industrial, 19 percent commercial, and 18 percent residential. Electricity and natural gas in California are generally consumed by stationary users such as residences and commercial and industrial facilities, whereas petroleum-based fuel consumption is generally accounted for by transportation-related energy use (U.S. Energy Information Administration, 2021).

California relies on a regional power system composed of a diverse mix of natural gas, renewable, hydroelectric, coal, and nuclear generation resources. Approximately 68 percent of the electrical power needed to meet California's demand is produced in the state; the balance, approximately 32 percent, is imported from the Pacific Northwest and the Southwest. In 2018, California's in-state electricity use was derived from natural gas (43 percent); large hydroelectric resources (16.5 percent); nuclear sources (8 percent); and renewable resources that include geothermal, biomass, small hydroelectric resources, wind, and solar (32 percent). Coal, oil and other sources generated the remaining 0.5 percent of California's in-state electricity use (California Energy Commission [CEC], 2021a).

Regional Setting

Electricity

Electricity, as a consumptive utility, is a man-made resource. The production of electricity requires the consumption or conversion of resources—including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources—into usable energy. The delivery of electricity involves a number of system components for distribution and use. Electricity is distributed through a network of transmission and distribution lines commonly called a power grid.

Energy capacity, or electrical power, is generally measured in watts (W), while energy use is measured in watt-hours. For example, if a light bulb has a capacity rating of 100 W, the energy required to keep the bulb on for 1 hour would be 100 watt-hours. On a utility scale, the capacity of a generator is typically rated in megawatts (MW), which is 1 million watts, while energy usage is measured in megawatt-hours (MWh) or gigawatt-hours, which is one billion watt-hours.

Pacific Gas and Electric Company (PG&E) provides electrical and natural gas services to approximately 16 million people throughout its 70,000-square-mile service area, across central, coastal, and Northern California, an area bounded by Humboldt County to the north and Kern County to the south (PG&E, 2021a). PG&E produces and purchases energy from a mix of conventional and renewable generating sources.

PG&E generates power from a variety of energy sources, including large hydropower (greater than 30 MW), natural gas, nuclear sources, and renewable resources, such as wind, solar, small hydropower (less than 30 MW), and geothermal sources. Approximately 29 percent of PG&E's 2019 electricity purchases were from renewable sources with 27 percent from large hydroelectric resources and 44 percent from nuclear (PG&E, 2020). In 2018, PG&E sold approximately 87,375,000 MWh to customers (PG&E, 2018). Refer to **Table 3.3-1** for a summary of electricity use at the state, regional and local levels.

In San José, electricity is provided by San José Clean Energy (SJCE), a Community Choice Program organized under California law. SJCE is one of 23 existing Community Choice Aggregators (CCAs) in California with the anticipation there will be more CCAs in the near future. The SJCE CCA purchases electricity directly from generators, which is then delivered by PG&E over its existing utility lines. Residents and businesses of San José are automatically enrolled in the GreenSource program, which provides 86 percent greenhouse gas (GHG) emissions–free electricity, or can elect to enroll in the "TotalGreen" program, which provides 100 percent GHG emissions–free electricity from entirely renewable sources. Customers can also opt out at any time and continue purchasing electricity from PG&E.

Natural Gas

Natural gas is a combustible mixture of simple hydrocarbon compounds (primarily methane) that is used as a fuel source. In California, natural gas is obtained from naturally occurring reservoirs and delivered through high-pressure transmission pipelines. Natural gas satisfies almost one-third of California's total energy demand. It can be measured in terms of both cubic feet and Btu.

TABLE 3.3-1
EXISTING ANNUAL STATE, REGIONAL, AND COUNTY ENERGY USE

Source	Amount per year
Electricity	
State[b]	279,401,880 MWh
PG&E[b]	87,375,000 MWh
Santa Clara County[b]	16,664,461 MWh
Natural Gas	
State	12,327,096,996 MMBtu
PG&E	1,016,713,000 MMBtu
Santa Clara County	45,972,076 MMBtu
Gasoline	
State	15,365,000,000 gallons
Santa Clara County	713,000,000 gallons
Diesel	
State	3,658,330,000 gallons
Santa Clara County	87,500,000 gallons

NOTES:
MMBtu = million British thermal units; MWh = megawatt-hours; PG&E = Pacific Gas and Electric Company

SOURCES:
[a] CPUC, 2021a; PG&E, 2018.
[b] PG&E, 2021b.
[c] CEC, 2020a.

PG&E provides natural gas transportation services to "core" customers and to "non-core" customers (industrial, large commercial, and natural gas–fired electric generation facilities) that are connected to its gas system in its service territory. Core customers can purchase natural gas procurement service (natural gas supply) from either PG&E or non-utility third-party gas procurement service providers (referred to as "core transport agents"). When core customers purchase gas supply from a core transport agent, PG&E still provides gas delivery, metering, and billing services to those customers. When PG&E provides both transportation and procurement services, PG&E refers to the combined service as "bundled" natural gas service. Currently, more than 95 percent of core customers, representing nearly 80 percent of the annual core market demand, receive bundled natural gas service from PG&E.

PG&E does not provide procurement service to non-core customers, who must purchase their gas supplies from third-party suppliers. PG&E offers backbone gas transmission, gas delivery (local transmission and distribution), and gas storage services as separate and distinct services to its non-core customers. Access to PG&E's backbone gas transmission system is available for all natural gas marketers and shippers, as well as non-core customers. PG&E also delivers gas to off-system customers (i.e., outside of PG&E's service territory) and to third-party natural gas storage customers.

Table 3.3-1 provides a summary of natural gas use at the state, regional and local levels.

Transportation Energy

According to the California Energy Commission (CEC), transportation accounted for nearly 41.1 percent of total energy consumption in California during 2017 (CEC, 2020b). In 2019, 15.4 billion gallons of gasoline and 3.7 billion gallons of diesel fuel were consumed in California (CEC, 2020a).[1] Petroleum-based fuels currently account for more than 90 percent of transportation fuel use in California (CEC, 2016).

The state has developed and is implementing strategies to reduce petroleum use. Over the last decade, California has implemented several policies, rules, and regulations to improve vehicle efficiency, increase the development and use of alternative fuels, reduce air pollutants and GHG emissions from the transportation sector, and reduce vehicle miles traveled (VMT). Accordingly, total gasoline consumption in California has declined. The CEC predicts that the demand for gasoline will continue to decline over the next 10 years and beyond, and there will be an increase in the use of alternative fuels (CEC, 2018a). According to fuel sales data from the CEC, fuel consumption in Santa Clara County was approximately 713 million gallons of gasoline and 89 million gallons of diesel fuel in 2019 (CEC 2020a).[2] Refer to Table 3.3-1 for a summary of statewide fossil fuel consumption in 2018–2019.

Local Setting

Existing annual energy use at the SJCC campus includes mobile sources and energy usage associated with the existing buildings on the campus. The 61-acre SJCC campus currently includes 19 buildings. Fourteen of the 19 campus buildings are over 30 years old, of which seven are approaching or exceed 60 years of age.

PG&E provides natural gas and electricity to the campus. The SJCC campus has its own electrical distribution system which receives 12-kilovolt (kV) and 4.16 kV service from PG&E and purchases its electric supply directly from PG&E. The newer 12 kV system enters through a single point at its Central Plant, and is distributed through a system of underground vaults to most of the newer buildings on the campus. The older 4.16 kV system feeds buildings 100 through 300. The Central Plant also includes a central heating and cooling system that provides heating and cooling to majority of the buildings on campus. The existing total annual electric and gas consumption at the campus is 5,590,455 kWh and 21,676.5 million British thermal units (MMBtu), respectively, with an energy use intensity of 60.5 kilo Btu per square foot per year (P2S Eng, 2020).

1 Diesel is adjusted to account for retail (52 percent) and non-retail (48 percent) diesel sales. CEC-A15 results for diesel sales do not include non-retail diesel sales, which are 48 percent of total diesel sales. For purposes of this analysis, the 48 percent of non-retail diesel sales were accounted, and therefore, reported statewide diesel sales are higher than reported in the A15 results. Refer to footnote in the CEC-A15 results.

2 Diesel is adjusted to account for retail (52 percent) and non-retail (48 percent) diesel sales. CEC-A15 results for diesel sales do not include non-retail diesel sales, which are 48 percent of total diesel sales. For purposes of this analysis, the 48 percent of non-retail diesel sales were accounted, and therefore, reported countywide diesel sales are higher than reported in the A15 results. Refer to footnote in the CEC-A15 results.

3.3.2 Regulatory Setting

Federal

Federal policies and regulations set broad energy efficiency standards and incentives for consumer products, automobile and fuel efficiency, and other purposes. Such requirements, as those listed below, tend to be primarily applicable to the automobile manufacturing sector but do have indirect applicability to the SJCC FMP. These federal requirements are listed here for informational purposes.

National Energy Conservation Policy Act

The National Energy Conservation Policy Act (NECPA) serves as the underlying authority for federal energy management goals and requirements. Signed into law in 1978, NECPA has been regularly updated and amended by subsequent laws and regulations. This law is the foundation of most federal energy requirements. NECPA established energy-efficiency standards for consumer products and includes a residential program for low-income weatherization assistance, grants and loan guarantees for energy conservation in schools and hospitals, and energy-efficiency standards for new construction. Initiatives in these areas continue today.

Energy Policy Act of 1992

The Energy Policy Act of 1992 was enacted to reduce U.S. dependence on foreign petroleum and improve air quality. This law includes several provisions intended to build an inventory of alternative-fuel vehicles in large, centrally fueled fleets in metropolitan areas. The Energy Policy Act of 1992 requires certain federal, state, and local government and private fleets to purchase a percentage of light-duty alternative fuel vehicles capable of running on alternative fuels each year. Financial incentives were also included to drive efficiency and a greater use of renewable energy. Federal tax deductions are allowed for businesses and individuals to cover the incremental cost of alternative fuel vehicles. The Energy Policy Act of 1992 also requires states to consider a variety of incentive programs to help promote alternative-fuel vehicles.

Energy Policy Act of 2005

The National Energy Policy Act of 2005 sets equipment energy efficiency standards and seeks to reduce reliance on nonrenewable energy resources and provide incentives to reduce current demand on these resources. For example, under the act, consumers and businesses can attain federal tax credits for purchasing fuel-efficient appliances and products, including hybrid vehicles; constructing energy-efficient buildings; and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary micro-turbine power plants, and solar power equipment.

Executive Order 13423 (Strengthening Federal Environmental, Energy, and Transportation Management), signed in 2007, strengthens the key energy management goals for the federal government and sets more challenging goals than the Energy Policy Act of 2005. The energy reduction and environmental performance requirements of Executive Order 13423 were expanded upon in Executive Order 13514 (Federal Leadership in Environmental, Energy, and Economic Performance), which was signed in 2009.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 sets federal energy management requirements in several areas, including energy reduction goals for federal buildings, facility management and benchmarking, performance and standards for new buildings and major renovations, high-performance buildings, energy savings performance contracts, metering, energy-efficient product procurement, and reduction in petroleum use, including by setting automobile efficiency standards, and increase in alternative fuel use. This act also amends portions of the National Energy Policy Conservation Act.

Corporate Average Fuel Economy Standards

Established by the U.S. Congress in 1975, the Corporate Average Fuel Economy (CAFE) standards reduce energy consumption by increasing the fuel economy of cars and light trucks. The National Highway Traffic Safety Administration (NHTSA) and U.S. Environmental Protection Agency (EPA) jointly administer the CAFE standards. Congress has specified that CAFE standards must be set at the "maximum feasible level" with consideration given to (1) technological feasibility; (2) economic practicality; (3) effect of other standards on fuel economy; and (4) the need for the nation to conserve energy.[3]

In September 2019, EPA finalized the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program and announced its decision to withdraw the Clean Air Act preemption waiver granted to the State of California in 2013 (EPA, 2019).

State

Warren-Alquist Act

The 1975 Warren-Alquist Act established the California Energy Resources Conservation and Development Commission, now known as the CEC. The Act established a state policy to reduce wasteful, uneconomical, and unnecessary uses of energy by employing a range of measures.

California Energy Action Plan

California's *2008 Energy Action Plan Update* updates the *2005 Energy Action Plan II,* which is the state's principal energy planning and policy document. The plan maintains the goals of the original *Energy Action Plan*, describes a coordinated implementation plan for state energy policies, and identifies specific action areas to ensure that California's energy is adequate, affordable, technologically advanced, and environmentally sound. First-priority actions to address California's increasing energy demands are to promote energy efficiency, demand response (i.e., reducing customer energy usage during peak periods to address power system reliability and support the best use of energy infrastructure), and use of renewable power sources. To the extent that these strategies are unable to satisfy increasing energy and capacity needs, the plan supports clean and efficient fossil-fuel fired generation.

3 For more information on the CAFE standards, refer to https://www.nhtsa.gov/laws-regulations/corporate-average-fuel-economy.

State of California Integrated Energy Policy

In 2002, the Legislature passed Senate Bill 1389 (SB 1389), which required the CEC to develop an integrated energy plan biannually for electricity, natural gas, and transportation fuels, for the California Energy Report. SB 1389 requires the CEC to prepare a biennial Integrated Energy Policy Report (IEPR) that assesses major energy trends and issues facing the state's electricity, natural gas, and transportation fuel sectors and provides policy recommendations to conserve resources; protect the environment; ensure reliable, secure, and diverse energy supplies; enhance the state's economy; and protect public health and safety (Public Resources Code Section 25301[a]). The IEPR has replaced the Energy Action Plan as the chief program intended to provide a comprehensive statewide energy strategy to guide energy investments, energy-related regulatory efforts and GHG reduction measures.

The 2019 Integrated Energy Policy Report provides the results of CEC assessments on a variety of energy issues facing California:

- Decarbonizing buildings;
- Integrating renewables;
- Energy efficiency;
- Energy equity;
- Integrating renewable energy;
- Updates on Southern California electricity reliability;
- Climate adaptation activities for the energy sector;
- Natural gas assessment;
- Transportation energy demand forecast; and
- California energy demand forecast.

Title 24 - California Energy Efficiency Standards

The Energy Efficiency Standards for residential and nonresidential buildings specified in Title 24, Part 6 of the California Code of Regulations were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated approximately every three years to allow for consideration and possible incorporation of new energy-efficiency technologies and methods. The current standards became effective on January 1, 2020 (CEC, 2021b).

California Green Building Standards Code (CALGreen, or Title 24 Part 11)

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards (CALGreen) Code. CALGreen is intended to encourage more sustainable and environmentally friendly building practices, require low-pollution emitting substances that cause less harm to the environment, conserve natural resources, and promote the use of energy-efficient materials and equipment. Since 2011, the CALGreen Code is mandatory for all new residential and non-residential buildings constructed in the state. Such mandatory measures include energy

efficiency, water conservation, material conservation, planning and design, and overall environmental quality. The CALGreen Code was most recently updated in 2019, with new measures taking effect on January 1, 2020.

Renewables Portfolio Standard (RPS)

The State of California adopted standards to increase the percentage that retail sellers of electricity, including investor-owned utilities and CCAs, must provide from renewable resources. The standards are referred to as the RPS. Qualifying renewables under the RPS include bioenergy such as biogas and biomass, small hydroelectric facilities (30 MW or less), wind, solar, and geothermal energy. The CPUC and the CEC jointly implement the RPS program. The CPUC's responsibilities include: (1) determining annual procurement targets and enforcing compliance; (2) reviewing and approving each investor-owned utility's renewable energy procurement plan; (3) reviewing contracts for RPS-eligible energy; and (4) establishing the standard terms and conditions used in contracts for eligible renewable energy (CPUC, 2021b).

Executive Orders S-14-08 and S-21-09

In November 2008, Governor Schwarzenegger signed Executive Order S-14-08, which expanded the state's RPS to 33 percent renewable power by 2020. In September 2009, Governor Schwarzenegger continued California's commitment to the RPS by signing Executive Order S-21-09, which directed the California Air Resources Board (CARB) under its AB 32 authority to enact regulations to help the state meet its RPS goal of 33 percent renewable energy by 2020.

SB 350 - Clean Energy and Pollution Reduction Act of 2015

SB 350, known as the Clean Energy and Pollution Reduction Act of 2015, was enacted on October 7, 2015, and provides a new set of objectives in clean energy, clean air, and pollution reduction by 2030. The objectives include the following:

- To increase from 33 percent to 50 percent by December 31, 2030, the procurement of the state's electricity from renewable sources.
- To double the energy efficiency savings in electricity and natural gas final end uses of retail customers through energy efficiency and conservation.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, establishing that 100 percent of all electricity in California must be obtained from renewable and zero-carbon energy resources by December 31, 2045. SB 100 also creates new standards for the RPS goals that were established by SB 350 in 2015. Specifically, the bill increases required energy from renewable sources for both investor-owned utilities and publicly-owned utilities from 50 percent to 60 percent by 2030. Incrementally, these energy providers must also have a renewable energy supply of 33 percent by 2020, 44 percent by 2024, and 52 percent by 2027. The updated RPS goals are considered achievable, since many California energy providers are already meeting or exceeding the RPS goals established by SB 350.

On the same day that SB 100 was signed, Governor Brown signed Executive Order B-55-18 with a new statewide goal to achieve carbon neutrality (zero-net GHG emissions) by 2045 and to maintain net negative emissions thereafter.

Appliance Efficiency Regulations, California Code of Regulations Title 20

California's Appliance Efficiency Regulations (20 CCR Part 160-1608) contain standards for both federally regulated appliances and non-federally regulated appliances. The regulations are updated regularly to allow consideration of new energy efficiency technologies and methods. The current regulations were adopted by the CEC on November 18, 2009. The standards outlined in the regulations apply to appliances that are sold or offered for sale in California. More than 23 different categories of appliances are regulated, including refrigerators, freezers, water heaters, washing machines, dryers, air conditioners, pool equipment, and plumbing fittings.

Transportation Energy

AB 1007 (Pavley)-Alternative Fuel Standards

Assembly Bill 1007 (Pavley, Chapter 371, Statutes of 2005) required the CEC to prepare a state plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). The CEC prepared the State Alternative Fuels Plan in partnership with the CARB and in consultation with other state, federal, and local agencies. The final State Alternative Fuels Plan, published in December 2007, attempts to achieve an 80 percent reduction in GHG emissions associated with personal modes of transportation, even as California's population increases.

California Assembly Bill 1493 (AB 1493, Pavley)

In response to the transportation sector being the largest contributor to California's carbon dioxide (CO_2) emissions, AB 1493 (commonly referred to as CARB's Pavley regulations), enacted on July 22, 2002, requires CARB to set GHG emission standards for new passenger vehicles, light duty trucks, and other vehicles manufactured in and after 2009 whose primary use is non-commercial personal transportation. Phase I of the legislation established standards for model years 2009 through 2016 and Phase II established standards for model years 2017 through 2025 (CARB, 2021 and EPA, 2012). Refer to Section 3.4, *Greenhouse Gas Emissions*, of this EIR for additional details regarding this regulation.

Low Carbon Fuel Standard

The Low Carbon Fuel Standard (LCFS), established in 2007 through Executive Order S-1-07 and administered by CARB, requires producers of petroleum-based fuels to reduce the carbon intensity of their products that started with a 0.25 percent reduction in 2011, and culminated in a 10 percent total reduction in 2020. In September 2018, CARB extended the LCFS program to 2030, making significant changes to the design and implementation of the program, including a doubling of the carbon intensity reduction to 20 percent by 2030. Carbon intensity claims are all subject to third-party verification.

Petroleum importers, refiners, and wholesalers can either develop their own low carbon fuel products or buy LCFS credits from other companies that develop and sell low carbon alternative fuels, such as biofuels, electricity, natural gas, and hydrogen.

Executive Order B-16-12 - 2025 Goal for Zero Emission Vehicles (ZEV)

In March 2012, Governor Brown issued an executive order establishing a goal of 1.5 million ZEVs on California roads by 2025. In addition to the ZEV goal, Executive Order B-16-12 stipulated that by 2015 all major cities in California will have adequate infrastructure and be 'zero-emission vehicle ready' so that by 2020 the state will have established adequate infrastructure to support 1 million ZEVs; and that by 2050, virtually all personal transportation in the state will be based on ZEVs, and GHG emissions from the transportation sector will be reduced by 80 percent below 1990 levels.

CARB's Advanced Clean Car Program

The Advanced Clean Cars emissions-control program was approved by CARB in 2012 and is closely associated with the Pavley regulations (CARB, 2021). The program requires a greater number of ZEV models for years 2015 through 2025 to control smog, soot, and GHG emissions. This program includes the Low-Emissions Vehicle regulations to reduce criteria pollutants and GHG emissions from light- and medium-duty vehicles; and the ZEV regulations to require manufactures to produce an increasing number of pure ZEV's (meaning battery and fuel cell electric vehicles) with the provision to produce plug-in hybrid electric vehicles (PHEV) between 2018 and 2025.

CARB's Mobile Source Strategy

The Mobile Source Strategy (2016) includes an expansion of the Advanced Clean Cars program (which further increases the stringency of GHG emissions for all light-duty vehicles, and 4.2 million ZEVs and plug-in hybrid light-duty vehicles by 2030). It also calls for more stringent GHG requirements for light-duty vehicles beyond 2025 as well as GHG reductions from medium-duty and heavy-duty vehicles and increased deployment of zero-emission trucks primarily for classes 3 through 7 "last mile" delivery trucks in California. Statewide, the Mobile Source Strategy would result in a 45 percent reduction in GHG emissions, and a 50 percent reduction in the consumption of petroleum-based fuels. CARB's Mobile Source Strategy includes measures to reduce total light-duty vehicle miles travelled (VMT) by 15 percent compared to business-as-usual in 2050.

Executive Order B-48-18

On January 26, 2018, Governor Brown issued an executive order establishing a goal of 5 million ZEVs on California roads by 2030 and to spur the installation and construction of 250,000 plug-in electric vehicle chargers, including 10,000 direct current fast chargers, and 200 hydrogen refueling stations by 2025.

California Community Colleges

Climate Change and Sustainability Resolution and Policy

In January 2020, the Board of Governors of the California Community Colleges adopted a *Climate Change and Sustainability Resolution* and *Climate Change and Sustainability Policy* (California Community Colleges, 2020) as part of their ongoing commitment to environmental sustainability and providing California community college students and their communities sustainable and safe learning environments. Together the resolution and policy acknowledge the urgency of climate change and its impact on community college campuses, communities and state.

Adoption of this policy and resolution aligns the efforts of the California Community Colleges on climate change and sustainability with California's *Climate Change Strategy*. The policy and resolution provide a set of seven goals to be achieved by 2030, with incremental progress for each expected by 2025, as shown in **Table 3.3-2**.

TABLE 3.3-2
GREENHOUSE GAS REDUCTION AND SUSTAINABILITY GOALS FOR CALIFORNIA COMMUNITY COLLEGES

By 2025	By 2030
1. Reduce GHG emissions to 30 percent below 1990 levels	Reduce GHG emissions to 40 percent below 1990 levels
2. Increase renewable energy consumption to 25 percent	Increase renewable energy consumption to 50 percent
3. 25 percent of fleet vehicles are zero-emission vehicles	50 percent of fleet vehicles are zero-emission vehicles
4. 50 percent of all new buildings and major renovations will be constructed as Zero Net Energy	100 percent of all new buildings and major renovations will be constructed as Zero Net Energy
5. 50 percent of all new buildings and major renovations will achieve at least a Leadership in Energy and Environmental Design (LEED) "Silver" or equivalent rating	100 percent of all new buildings and major renovations will achieve at least a LEED "Silver" or equivalent rating
6. Increase procurement of sustainable products and services by 20 percent compared to current levels	Increase procurement of sustainable products and services by 25 percent compared to existing levels
7. Reduce municipal solid waste by 25 percent compared to current levels	Reduce municipal solid waste by 50 percent compared to current levels

SOURCE: California Community Colleges, 2020.

The policy and resolution requires community college districts to develop their own local climate change and sustainability resolutions which may include commitments to implement the Board of Governors' Climate Change and Sustainability Policy and Resolution's goals locally, offer environmental sciences degrees and certificates with an emphasis on climate change, and other significant local climate change strategies and environmental sustainability measures thereby integrating climate change and sustainability into all facets of campus operations, and not just local facilities programs and business services.

San José Evergreen Community College District

In October 2020, the San Jose Evergreen Community College District adopted Resolution No. 101320-6 (San Jose Evergreen Community College District, 2020) affirming its commitment to pursue the 2025 and 2030 climate change and sustainability goals in the California Community Colleges Board of Governors' Climate Change and Sustainability Policy and Resolution.

3.3.3 Analysis, Impacts, and Mitigation

Significance Criteria

For the purposes of this EIR, an energy impact would be significant if implementing the proposed SJCC FMP would:

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

- Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

Methodology

This impact analysis evaluates the potential for the proposed SJCC FMP to result in the wasteful use of energy or wasteful use of energy resources during construction and operation, consistent with Public Resources Code 21100(b)(3). The analysis provides construction and operational energy use estimates for the proposed SJCC FMP, which is used to determine whether this energy use would be considered wasteful, inefficient, or unnecessary, taking into account available energy supplies and existing use patterns, the SJCC FMP's energy efficiency features, and compliance with applicable standards and policies aimed to reduce energy consumption, including the state's Title 24 Energy Efficiency Standards. The quantification of SJCC FMP-related energy use presented in this section is based on the energy use assumptions and GHG emission estimates presented in Section 3.1, *Air Quality* and Section 3.4, *Greenhouse Gas Emissions*. Energy use during the construction and operation of the SJCC FMP are also assessed for consistency with local and state policies adopted to conserve and reduce energy consumption.

The data, assumptions, and methodology used to calculate energy use and assess potential impacts of the SJCC FMP are described below.

Construction Energy Use

Construction activities associated with implementation of the SJCC FMP would consume energy primarily in the form of transportation fuels (e.g., diesel and gasoline) used for haul trucks, heavy-duty construction equipment, construction workers traveling to and from the campus. Electricity consumed by any electric powered construction equipment would be minimal in comparison to the amount of diesel and gasoline consumed. Natural gas is generally not used during construction.

Construction activities and the associated energy use could vary substantially from day to day, depending on the phase and specific type of construction activity and the number of workers and vendors who would travel to the campus. Construction associated with the FMP is expected to begin in May 2021 and last till 2029. This analysis relies on assumptions for the types, number and level of usage of construction equipment for each activity consistent with what was used for the air quality and GHG analyses. Though best estimates of energy consumption are provided for informational purposes, the analysis in this section relies on the two Appendix G CEQA checklist criteria listed above.

Diesel fuel consumption associated with on-site construction equipment have been estimated based on the GHG emissions estimates for off-road equipment from CalEEMod in combination with The Climate Registry (TCR) 2019 default factors for calculating CO_2 emissions from diesel fuel (TCR, 2020). All off-road construction equipment is assumed to be diesel-fueled.

With regard to on-road construction vehicles, it is assumed that light-duty automobiles and trucks used by commuting workers would be fueled by gasoline and that on-road construction vehicles, such as vendor and haul trucks for demolition debris, soil, and other material hauling, would use diesel fuel. This analysis assumes that no electric on-road vehicles would be used during

construction under the SJCC FMP. The fuel quantities that would be required for on-road vehicles during construction have been calculated based on the GHG emissions associated with commuting workers and vendor and haul trips estimated using CalEEMod defaults for estimated trip counts and for worker, vendor, and haul trip lengths and TCR 2019 default factors for calculating CO_2 emissions from gasoline and diesel fuels (TCR, 2020).

Refer to **Appendix D** for detailed energy calculations.

Operational Energy Use

Operational energy impacts were assessed based on the increase in energy demand due to implementation of the SJCC FMP over existing conditions. The assumptions used here are the same as those used in Section 3.1, *Air Quality* and Section 3.4, *Greenhouse Gas Emissions*. Operational energy associated with existing conditions was subtracted from energy associated with the total operations with the implementation of the SJCC FMP to calculate the net increase in energy consumed at the campus due to the implementation of the SJCC FMP.

Electricity

Within CalEEMod, building electricity usage from existing buildings that would not be affected by the SJCC FMP were estimated using historical energy usage rates available in CalEEMod. Electricity use from new and renovated buildings was calculated based on the default 2016 Title 24 electricity usage rates in CalEEMod adjusted to reflect the additional reductions in the current 2019 Title 24 standards. In addition to electricity use associated with campus buildings, electricity demand from treatment and distribution of water use associated with operation of development under the SJCC FMP was calculated using CalEEMod estimates for indoor and outdoor water use and the electrical intensity factors for water supply and distribution. The SJCC FMP's estimated electricity demand was analyzed relative to the state's existing and planned energy supplies in 2030 (CEC, 2018) to determine whether PG&E would be able to meet the SJCC FMP's energy demands.

Natural Gas

Total existing and projected (2030) natural gas use for the campus was derived from the *Utilities Infrastructure Master Plan* for the SJCC campus (P2S Eng., 2020). This includes natural gas consumed at SJCC's Central Plant as well as that consumed at buildings not served by the Central Plant. The projected increase in natural gas demand due to the SJCC FMP was analyzed relative to the state's existing and planned energy supplies in 2030 (California Gas and Utilities, 2018) to determine whether PG&E would be able to meet projected energy demand. While the energy use would reduce over the life of the project, comparison to the analyzed first full operational year of 2030 provides a conservative analysis as supply projections for electricity and natural gas increase in future years.

Mobile Sources

Fuel use in mobile sources associated with operation of the SJCC FMP was estimated based on existing and projected VMT (as estimated in the transportation study prepared in support of this EIR), Santa Clara county-specific vehicle fleet mixes in EMFAC2017, and the fleet-average fuel consumption for each fuel. Fleet average fuel consumption factors for gasoline, diesel and natural

gas were derived from the EMFAC2017 model. Electricity demand for EVs is based on VMT from EMFAC2017 and an estimated EV energy economy (in kWh per mile) of 34 kWh/100 miles (EPA, 2021).

Emergency Generators

Diesel fuel consumption associated with the testing and maintenance of the existing and proposed emergency generators are estimated based on the GHG emissions estimates from CalEEMod in combination with The Climate Registry (TCR) 2019 default factors for calculating CO_2 emissions from diesel fuel (TCR, 2020). The GHG estimates from CalEEMod assume a maximum 50 hours of operation per year for testing and maintenance, consistent with BAAQMD permit requirements.

The total annual operational energy use estimated for existing and future conditions with the implementation of the FMP are summarized in **Table 3.3-3** by energy use type. The net change in operational energy demand due to the SJCC FMP is the difference between the existing energy demand and the energy demand with the full buildout of development proposed under the SJCC FMP. Supporting calculations are provided in Appendix D.

TABLE 3.3-3
ANNUAL OPERATIONAL ENERGY USE AT SJCC FMP BUILDOUT

Energy Use Type	Existing Conditions in 2020	SJCC FMP Buildout in 2030	Net New Energy Use under SJCC FMP
Electricity from PG&E Grid (MWh/year)			
Campus Buildings & Facilities	5,928	6,804	876
Water Use	279	358	78
Mobile Sources	118	293	175
Total Electricity Use	**6,326**	**7,455**	**1,129**
Natural Gas (MMBtu/year)			
Central Plant & Campus Buildings	21,677	38,547	16,871
Mobile Sources[1]	440	568	128
Total Natural Gas Use	**22,117**	**39,115**	**16,998**
Diesel (gallons/year)			
Mobile Sources	108,118	111,461	3,343
Testing of Emergency Generators	1,626	4,494	2,868
Total Diesel Use	**109,744**	**115,954**	**6,211**
Gasoline (gallons/year)			
Mobile Sources	641,711	566,977	-74,735
Total Gasoline Use	**641,711**	**566,977**	**-74,735**

NOTES:
kBtu = thousand British Thermal Unit; MWh = Megawatt-hour.

[1] EMFAC2017 includes compressed natural gas in terms of diesel gallon equivalents. This is converted into Btu per the U.S. Department of Energy Alternative Fuel Data Center conversion: 1 DGE of CNG = 128,488 Btu. Available at: https://afdc.energy.gov/fuels/equivalency_methodology.html.

Consistency with Plans and Policies

The assessment presented below also includes a discussion of the SJCC FMP's compliance with relevant energy-related regulatory requirements and incorporation of design features and mitigation measures discussed in Section 3.1, *Air Quality* and Section 3.4, *Greenhouse Gas Emissions*, that would minimize the amount of energy usage during construction and operation.

Impacts and Mitigation Measures

Impact 3.3-1: The SJCC FMP would not result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during construction or operation. *(Less than Significant)*

Construction Energy Use

Construction activities associated with implementation of the SJCC FMP would require the use of fuels (gasoline and diesel) for the operation of construction equipment and vehicles to perform a variety of activities, including excavation, hauling, paving, and transportation of construction workers and materials. Minimal amounts of energy in the form of electricity may also be consumed by some pieces of construction equipment, such as welding machines, power tools, lighting, and other equipment. However, the volume of electricity use during construction would be minor compared to diesel and gasoline use. Natural gas is not anticipated to be used for construction activities.

Table 3.3-4 below, presents the estimated total and annual average construction energy consumption by energy source for the SJCC FMP. It should be noted that the total energy consumption would occur incrementally over the construction duration of nine (9) years. The level of energy usage would fluctuate depending on the energy intensity of construction activities underway during any particular time period.

TABLE 3.3-4
SJCC FMP CONSTRUCTION ENERGY USE

Energy Use Type	Unit of Measure	Project Construction Usage
Diesel		
On-road vehicles	gallons/project	64,970
Off-road equipment	gallons/project	222,810
Total Diesel Use	gallons/project	287,780
Annual Average Diesel Use[1]	**gallons/year**	**31,976**
Gasoline		
On-road vehicles	gallons/project	36,433
Total Gasoline Use	gallons/project	36,433
Annual Average Gasoline Use[1]	**gallons/year**	**4,048**

NOTES:

[1] Annual averages are estimated by dividing the total energy use by the expected 9-year duration of construction.

SOURCE: Appendix D.

As detailed in Table 3.3-4, it is estimated that construction related off-road equipment and on-road vehicles would consume a total of approximately 287,780 gallons of diesel fuel and on-road worker vehicles would consume a total of approximately 36,433 gallons of gasoline over the entire construction duration of the SJCC FMP. These total use amounts are equivalent to averages of approximately 31,976 gallons of diesel fuel per year and 4,048 gallons of gasoline fuel per year over the 9-year construction period. Note that while construction energy use is presented as an annual average of construction activities, some construction years would be more energy intensive when new construction takes place due to the phasing of activities. These annual average diesel and gasoline use amounts are equivalent to approximately 0.04 percent of the diesel and 0.001 percent of the gasoline sold in Santa Clara County annually. Overall, the use of diesel and gasoline fuels to construct development allowed under the SJCC FMP would not be substantial relative to the total sales of transportation fuels in Santa Clara County.

Transportation fuels (gasoline and diesel) are produced from crude oil, which can be domestic or imported from various regions around the world. Based on current proven reserves, crude oil production would be sufficient to meet more than 50 years of worldwide consumption (BP Global, 2021). Mobile sources associated with the SJCC FMP would comply with CAFE fuel economy standards, which would result in more efficient use of transportation fuels (lower consumption). Vehicles used for trips generated by the SJCC FMP would also comply with AB 1493 and the LCFS, which are designed to reduce vehicular GHG emissions, but would also result in additional fuel savings.

Construction of the SJCC FMP would use fuel-efficient equipment consistent with federal and State regulations, such as fuel-efficiency regulations in accordance with CARB's Pavley Phase II standards; the anti-idling regulation in accordance with 13 CCR Section 2485; and fuel requirements for stationary equipment in accordance with 17 CCR Section 93115 (concerning Airborne Toxic Control Measures). Construction would also comply with State measures to reduce the inefficient, wasteful, and unnecessary consumption of energy, such as petroleum-based transportation fuels. While these regulations are intended to reduce construction emissions, compliance with the idling restrictions and emissions regulations discussed above would also result in fuel savings from the use of more fuel-efficient engines. Thus, the SJCC FMP's construction-related energy use would be minimized and construction would not result in the wasteful, inefficient, or unnecessary consumption of energy. This impact would be **less than significant**.

Operation

Operation of the SJCC FMP would require long-term consumption of energy in the form of electricity, natural gas, diesel and gasoline. Electricity would be used as the primary power source for the operation of HVAC system and lighting needs of buildings. In addition, water used in campus buildings would require the consumption of electricity to supply, treat, and distribute potable water and also to convey and treat wastewater generated at the new buildings constructed under the FMP. Natural gas would be used at the SJCC's Central Plant to provide the heating and cooling needs of the majority of the campus buildings. Natural gas would also be supplied to buildings that are not served by the Central Plant. Testing and maintenance of the proposed emergency generators would consume diesel fuel. The vehicle trips generated by the

implementation of the SJCC FMP would primarily require the use of gasoline and diesel, but also an increasing amount of electricity and a smaller amount of natural gas to fuel these vehicle trips.

Table 3.3-3 summarizes the total annual operational energy use upon buildout in 2030, which also shows the energy use associated with existing uses. The difference between existing and projected 2030 energy use is the net change in energy use attributable to the SJCC FMP.

As shown in Table 3.3-3, implementation of the SJCC FMP would result in an annual net new energy demand of approximately 1,129 MWh of electricity, 16,998 MMBtu of natural gas, and 6,211 gallons of diesel. However, the annual gasoline consumption from vehicle trips to the campus are expected to reduce by approximately 74,735 gallons per year. Though the SJCC FMP would result in an increase in VMT, the increase in fuel efficiency between existing and 2030 conditions, as well as the introduction of EVs, more than offset the emissions increase from the increased VMT resulting in a net reduction in gasoline usage. Based on EMFAC2017, average fleet-wide fuel efficiency for gasoline fueled vehicles is expected to increase from 25.8 miles per gallon (mpg) in 2019 to 34 mpg in 2030.

Electricity

Assuming compliance with 2019 Title 24 Building Energy Efficiency standards and applicable 2019 CALGreen Code requirements, at buildout, campus buildings and facilities would result in a projected net increase in the annual demand for electricity totaling approximately 876 MWh.

Based on data collected by the CEC's California Energy Consumption Database, the state's total electricity consumption for 2019 was 279,401,880 MWh of electricity and Santa Clara County's total electricity consumption for 2019 was 16,664,461 MWh (CEC, 2018b). As such, the SJCC FMP-related net increase in annual electricity consumption of 1,129 MWh, would represent approximately 0.003 percent of statewide electricity and 0.05 percent of countywide electricity. Furthermore, statewide energy demand for 2030 is estimated at 326,026,000 MWh (CEC, 2018b). The future energy use due to the SJCC FMP would represent a very small percent of future state consumption, and would be within projected electricity supplies.

With regard to peak-load conditions, the State's grid system experienced an annual high peak of 46,424 MW on July 5, 2018. On the same day, PG&E experienced a peak annual demand of 19,245 MW (California Independent System Operator, 2019). In comparison, the proposed SJCC FMP would consume a net increase of 1,129 MWh on an annual basis; assuming 12 hours of active electricity demand per day, that would be equivalent to approximately 0.3 MW at buildout (peak demand assuming 4,380 hours per year of active electricity demand).[4]

This estimate also conservatively excludes the benefits of improvements in demand response attributable to the Title 24 energy standards, which would further reduce peak demand. The Title 24 Building Energy Efficiency Standards include measures that encourage load shifting and demand response. Title 24 energy use performance standards are based on the time-dependent valuation of energy, which uses the value of the electricity or natural gas used at every hour of the year to incentivize load shifting off of the peak. Increase in energy use due to the SJCC FMP

4 Calculated as follows: 1,129 MWh / 4,380 hours = 0.3 MW.

would not have a substantial impact on the peak- and base-period demands for electricity or other forms of energy. Therefore, the SJCC FMP's operational electricity consumption would have a negligible effect on peak-load conditions of the power grid.

In addition to complying with the CALGreen Code, as required by Mitigation Measure 3.4-1f of Section 3.4, *Greenhouse Gas Emissions*, all renovated and newly constructed buildings on-campus would be required to incorporate design features necessary to achieve the LEED Silver certification level. In addition, Mitigation Measures 3.4-1a requires that all electricity used on campus be derived from carbon-free, renewable sources, while Mitigation Measure 3.4-1c would require installation of on-site photovoltaic systems to generate power to meet the needs of the newly constructed buildings, at a minimum. Mitigation Measure 3.4-1i would require the SJCC FMP to implement measures to conserve water and promote the use of reclaimed water, which would help reduce electricity consumption needed to treat and transport water used at the campus. Implementation of these measures would further reduce energy consumption, promote energy efficiency, and increase the use of renewable electricity at the campus. Therefore, operation of the proposed SJCC FMP would not result in the wasteful, inefficient, or unnecessary consumption of electricity, and the impact would be **less than significant**.

Natural Gas

As discussed earlier, the SJCC's Central Plant provides the heating and cooling needs of the majority of buildings on campus. Buildings not served by the Central Plant are served by dedicated package systems. Based on the *Utility Infrastructure Master Plan* prepared for the campus, natural gas usage is anticipated to increase from 21,677 MMBtu in 2019 to 38,547 MMBtu in 2030 with the implementation of the SJCC FMP. Natural gas for vehicles would also increase and is discussed below in the Transportation Energy section. Though natural gas usage will increase with the FMP, greater efficiencies would be introduced through newer equipment and systems. The Central Plant currently houses three boilers fueled by natural gas that are rated at 4.3 million BTU per hour each. Based on an agreement entered into between the BAAQMD and the SJECCD, all three boilers would be replaced with new boilers that comply with the emission limits in BAAQMD Regulation 9, Rule 7, Section 307. The new boilers would be more energy efficient than the existing ones.

As discussed above, in addition to complying with applicable regulatory requirements regarding energy conservation (e.g., California Building Energy Efficiency Standards and the CALGreen Code), the SJCC FMP also includes design features to further reduce natural gas use. The Career Technology Education (CTE) Building is proposed to be constructed as a Zero Net Energy Building relying entirely on renewable energy in the form of electricity. This would reduce future natural gas use at the campus.

In the 2018 California Gas Report, PG&E accounts for anticipated regional demand based on various factors, including growth in employment by economic sector, growth in housing and population, and increasingly demanding state goals for reducing GHG emissions. PG&E accounts for an increase in employment and housing from 2018 to 2035. The proposed would be consistent with the growth projections set forth in the 2018 California Gas Report.

Furthermore, the 2018 California Gas Report estimates that the future supply of natural gas within the PG&E planning area will be approximately 1,177,147,000 MMBtu (California Gas and Electric Utilities, 2018). As stated above, the SJCC FMP's annual net increase in demand for natural gas is estimated to be approximately 16,998 MMBtu. Thus, increase in natural gas use due to the SJCC FMP would account for approximately 0.001 percent of the forecasted annual consumption in the PG&E planning area; would fall within PG&E's projected consumption for the area; and would be consistent with PG&E's anticipated regional demand from population or economic growth. In addition, GHG mitigation Measure 3.4-1b requires that all new buildings be constructed as Zero Net Energy to reduce GHG emissions which would further reduce future natural gas usage.

Therefore, operation of the SJCC FMP would not result in the wasteful, inefficient, or unnecessary consumption of natural gas, and the impact would be **less than significant**.

Transportation Energy

During operation, increase in vehicle use due to the SJCC FMP would consume petroleum-based fuels for vehicular travel to and from the campus. The SJCC campus is located in an area well served by public transit. Existing transit service to the study area is provided by the Santa Clara Valley Transportation Authority (VTA). Four local VTA bus routes, one rapid VTA bus route, one VTA express bus route, and one light rail train route (Green Line) serve the vicinity of the campus. Part of the campus is located in a Priority Development Area and Transit Priority Area, which designate the site as an area for future growth due to transit access and proximity to job centers, shopping districts, and other services.

Though the implementation of the SJCC FMP would increase vehicle trips to the campus due to increased student enrollment, the location of the SJCC campus with access to transit would result in a reduction of VMT per student when compared to existing conditions. The vehicle fleet that would be used by staff and students would consist primarily of light-duty automobiles, which are subject to fuel-efficiency standards. Other trips to the campus would include truck trips for delivery of materials, waste collection and maintenance-related activities. Most of these trips would also be subject to fuel-efficiency standards and/or compliance with anti-idling regulations for medium- and heavy-duty vehicles.

As reported in Table 3.3-3, the SJCC FMP's mobile sources would result in an annual net increase in diesel usage of approximately 3,343 gallons per year while gasoline usage is anticipated to decrease by approximately 74,735 gallons per year. As discussed earlier, the reduction in gasoline usage is due to the increase in average fleet-wide fuel efficiency for gasoline fueled vehicles, which would more than offset the increase in gasoline use due to the increased VMT. Based on the California Energy Commission's *California Annual Retail Fuel Outlet Report*, statewide consumption amounted to 15,365,000,000 gallons of gasoline and 3,658,330,000 gallons of diesel. Santa Clara County consumed 713,000,000 gallons of gasoline and approximately 87,500,000 gallons of diesel fuel in 2019 (CEC, 2020a). Transportation fuel use due to the implementation of the SJCC FMP would account for 0.0002 percent of statewide consumption and 0,007 percent of countywide consumption of diesel, based on the available county fuel sales data for the year 2019.

Transportation fuels (gasoline and diesel) are produced from crude oil, which can be domestic or imported from various regions around the world. Based on current proven reserves, crude oil production would be sufficient to meet more than 50 years of worldwide consumption (BP Global, 2019). Fuels used for vehicle trips resulting from the SJCC FMP would be required to comply with CAFE fuel economy standards, which would result in more efficient use of transportation fuels (lower consumption). Vehicles used for the increased number of trips to the SJCC campus due to the SJCC FMP would also comply as applicable with AB 1493 and the LCFS, which are designed to reduce vehicular GHG emissions, but would also result in additional fuel savings.

For these reasons, energy use associated with the operation of the SJCC FMP would not be considered wasteful, inefficient, or unnecessary, and the impact would be **less than significant**.

> **Mitigation:** None required. However, implementation of Mitigation Measures 3.1-1a, 3.1-1b, and 3.1-1c in Section 3.1, *Air Quality* and Mitigation Measures 3.4-1a through 3.4-1i in Section 3.4, *Greenhouse Gas Emissions* would further reduce energy consumption and increase use of renewable energy.

Impact 3.3-2: Energy use associated with the implementation of the proposed SJCC FMP would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. *(Less than Significant with Mitigation)*

California Community Colleges Climate Change and Sustainability Resolution and Policy

As detailed in Section 3.4, *Greenhouse Gas Emissions*, the SJCC FMP was found to be inconsistent with the goals of the *Climate Change and Sustainability Resolution and Policy* adopted by the Board of Governors of the California Community Colleges in January 2020. Based on Resolution 101320-6 adopted by the San Jose Evergreen College District, development at the SJCC campus would be required to implement measures to comply with the GHG reduction and sustainability goals of the *Climate Change and Sustainability Resolution and Policy*. The eight goals enumerated in this Policy address energy efficiency and use of renewable energy in addition to reducing GHG emissions.

Mitigation Measures 3.4-1a through 3.4-1j have been identified in Section 3.4, *Greenhouse Gas Emissions*, to ensure the SJCC FMP's consistency with the goals of the *Climate Change and Sustainability Resolution and Policy*. This consistency determination is detailed in Table 3.4-8 in Section 3.4, *Greenhouse Gas Emissions.* Therefore, with mitigation, the SJCC FMP would be consistent with the goals of the *Climate Change and Sustainability Resolution and Policy.*

CALGreen Code and Title 24

Buildings and facilities proposed under the SJCC FMP would be designed in a manner that would be consistent with relevant energy conservation plans designed to encourage development resulting in the efficient use of energy resources. The SJCC FMP would comply with the most recently adopted CALGreen Code and Title 24 requirements to reduce energy consumption by implementing energy-efficient building designs, reducing indoor and outdoor water demands,

providing EV charging spaces, and installing energy-efficient lighting, appliances and equipment. The SJCC FMP would be required to implement LEED efficiency strategies and incorporate water conservation, energy conservation, and other features consistent with the CALGreen Code, Title 24, City and community college sustainability goals. Thus, the impact would be **less than significant with mitigation**. In addition, implementation of Mitigation Measure 3.4-1f would require that all new buildings and major renovations shall be constructed to achieve LEED Silver or equivalent rating. This would ensure that the SJCC FMP would surpass energy efficiency regulatory requirements set forth in the Title 24 building standards. As a result, the SJCC FMP would not conflict with or obstruct a state plan for renewable energy or energy efficiency.

> **Mitigation:** Implement Mitigation Measures 3.4-1a through 3.4-1j in Section 3.4, *Greenhouse Gas Emissions*.
>
> **Significance after Mitigation:** Less than Significant. Implementation of mitigation measures identified above would ensure the SJCC FMP would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

Cumulative Impacts

Impact C-3.3-3: Energy use associated with the implementation of the SJCC FMP would not result in a cumulatively considerable contribution to a significant energy impact. *(Less than Significant with Mitigation)*

The geographic area for cumulative energy impacts is the State of California. Past, present, and future development projects contribute to the state's energy impacts. If a project is determined to have a significant energy impact, it is concluded that the impact would be cumulatively considerable. As discussed under Impacts 3.3-1 and 3.3-2, with mitigation measures identified, the SJCC FMP would not result in significant energy impacts or conflict with or obstruct a state or local plan for energy efficiency. The SJCC FMP, therefore, would not have a cumulatively considerable contribution to a significant cumulative energy impact. As a result, the cumulative impact of the SJCC FMP would be **less than significant with mitigation**.

> **Mitigation:** Implement Mitigation Measures 3.1-1a, 3.1-1b, and 3.1-1c in Section 3.1, *Air Quality* and Mitigation Measures 3.4-1a through 3.4-1j in Section 3.4, *Greenhouse Gas Emissions*.
>
> **Significance after Mitigation:** Less than Significant. Implementation of mitigation measures identified above would ensure the SJCC FMP would not lead to a cumulatively considerable contribution to a significant energy impact.

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3.4 Greenhouse Gas Emissions

This section presents an analysis of potential impacts of the SJCC FMP associated with greenhouse gas (GHG) emissions. For technical information about the analysis assumptions, calculations and model outputs, refer to **Appendix B,** *Air Quality and Greenhouse Gas Emissions Calculations*.

3.4.1 Environmental Setting

Climate Science

"Global warming" and "climate change" are common terms used to describe the increase in the average temperature of the earth's near-surface air and oceans since the mid-20th century. Both natural processes and human actions have been identified as affecting the climate. The Intergovernmental Panel on Climate Change (IPCC) has concluded that variations in natural phenomena such as solar radiation and volcanoes produced most of the warming from pre-industrial times to 1950 and had a small cooling effect afterward.

However, increasing GHG concentrations resulting from human activity since the 19th century, such as fossil fuel combustion, deforestation, and other activities, are believed to be a major factor in climate change. GHGs in the atmosphere naturally trap heat by impeding the exit of solar radiation that has hit the earth and is reflected back into space—a phenomenon referred to as the "greenhouse effect." Some GHGs occur naturally and are necessary for keeping the Earth's surface inhabitable. However, increases in the concentrations of these gases in the atmosphere during the last 100 years have trapped solar radiation and decreased the amount that is reflected back into space, intensifying the natural greenhouse effect and resulting in the increase of global average temperature.

Carbon dioxide (CO_2), methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride are the principal GHGs. When concentrations of these gases exceed historical concentrations in the atmosphere, the greenhouse effect is intensified. CO_2, methane, and nitrous oxide occur naturally and are also generated through human activity. Emissions of CO_2 are largely by-products of fossil fuel combustion, whereas methane results from off-gassing, natural gas leaks from pipelines and industrial processes, and incomplete combustion associated with agricultural practices, landfills, energy providers, and other industrial facilities. Nitrous oxide emissions are also largely attributable to agricultural practices and soil management. CO_2 sinks (i.e. land uses that absorb more carbon than they emit) include vegetation and the ocean, which absorb CO_2 through sequestration and dissolution, and are two of the largest reservoirs of CO_2 through the process of sequestration. Other human-generated GHGs include fluorinated gases such as hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, which have much higher heat-absorption potential than CO_2, and are byproducts of certain industrial processes.

CO_2 is the reference gas for climate change, as it is the GHG emitted in the highest volume. The effect that each of the GHGs have on global warming is the product of the mass of their emissions and their global warming potential (GWP). GWP indicates how much a gas is predicted to contribute to global warming relative to how much warming would be predicted to be caused by the same mass of CO_2. For example, methane and nitrous oxide are substantially more potent

GHGs than CO_2, with GWPs of 25 and 298 times that of CO_2 respectively, which has a GWP of 1 (CARB, 2021).

In emissions inventories, GHG emissions are typically reported as metric tons (MT) of CO_2 equivalent (CO_2e). CO_2e is calculated as the product of the mass emitted of a given GHG and its specific GWP. While methane and nitrous oxide have much higher GWPs than CO_2, CO_2 is emitted in higher quantities and it accounts for the majority of GHG emissions in CO_2e, both from commercial developments and human activity in general.

Effects of Global Climate Change

Potential global warming impacts in California may include, but are not limited to, loss in snow pack, sea level rise, more extreme heat days per year, an increase in high ground-level ozone days, larger forest fires, and increased drought in some parts of the state. Secondary effects are likely to include the displacement of thousands of coastal businesses and residences (as a result of sea level rise), impacts on agriculture, changes in disease vectors, and changes in habitat and biodiversity. As the California Air Resources Board (CARB) *Climate Change Scoping Plan* (CARB, 2008) noted, the legislature, in enacting Assembly Bill (AB) 32 – The Global Warming Solutions Act, found that global warming would cause detrimental effects to some of the state's largest industries, including agriculture, winemaking, tourism, skiing, commercial and recreational fishing, forestry, and the adequacy of electrical power generation. The *Climate Change Scoping Plan* states: "The impacts of global warming are already being felt in California. The Sierra snowpack, an important source of water supply for the state, has shrunk 10 percent in the last 100 years. It is expected to continue to decrease by as much as 25 percent by 2050. World-wide changes are causing sea levels to rise – about 8 inches of increase has been recorded at the Golden Gate Bridge over the past 100 years – threatening low coastal areas with inundation and serious damage from storms." AB 32 is discussed further below in Section 3.4.2.

Ecosystem and Biodiversity Impacts

Climate change is expected to have effects on diverse types of ecosystems. As temperatures and precipitation change, seasonal shifts in vegetation will occur; this could affect the distribution of associated flora and fauna species. The IPCC states that "a large fraction of both terrestrial and freshwater species faces increased extinction risk under projected climate change during and beyond the 21st century, especially as climate change interacts with other stressors, such as habitat modifications, over exploitation, and invasive species" (IPCC, 2014a). Forest dieback poses risks to carbon storage, biodiversity, wood production, water quality, and economic activity. Wildfires, which are an important control mechanism in many ecosystems, are becoming more severe and more frequent, making it difficult for native plant species to repeatedly re-germinate. Continued emission of GHGs will cause further warming and long-lasting changes in all components of the climate system, increasing the likelihood of severe, pervasive, and irreversible impacts for people and ecosystems (IPCC, 2014b).

Human Health Impacts

Climate change will likely increase the risk of vector-borne infectious diseases, particularly those found in tropical areas and spread by insects such as malaria, dengue fever, and encephalitis.

Cholera, which is associated with algal blooms, could also increase. While these health effects would largely affect tropical areas in other parts of the world, effects would also be felt in California. Warming of the atmosphere would be expected to increase smog and particulate pollution, which could adversely affect individuals with heart and respiratory problems, such as asthma. Extreme heat events would also be expected to occur with more frequency and could adversely affect the elderly, children, and the homeless. Finally, the water supply impacts and seasonal temperature variations expected as a result of climate change could affect the viability of existing agricultural operations, making the food supply more vulnerable (USGCRP, 2016).

Emission Inventories

U.S. GHG Emissions

In 2017, the United States emitted about 6,457 million metric tons (MMT) of CO_2e ($MMTCO_2e$), with 76.1 percent of those emissions coming from fossil fuel combustion. Of the major sectors nationwide, transportation accounts for the highest volume of GHG emissions (approximately 29 percent), followed by electricity (28 percent), industry (22 percent), agriculture (9 percent), commercial buildings (6 percent), and residential buildings (5 percent). Between 1990 and 2017, total U.S. GHG emissions rose by 1.3 percent, but emissions have generally decreased since peaking in 2005. Since 1990, U.S. emissions have increased at an average annual rate of 0.4 percent (EPA, 2019).

State of California GHG Emissions

The CARB compiles GHG inventories for the state. Based on the 2017 GHG inventory data (i.e., the latest year for which data are available from CARB), emissions from GHG emitting activities statewide were 424.1 $MMTCO_2e$ (CARB, 2019). Between 1990 and 2020, the population of California grew by approximately 10 million (from 29.8 to 39.8 million) (California Department of Finance, 2021a). This represents an increase of approximately 34 percent from 1990 population levels. In addition, the California economy, measured as gross state product, grew from $773 billion in 1990 to $3.14 trillion in 2019, representing an increase of approximately 306 percent (more than three times the 1990 gross state product) in today's dollars (California Department of Finance, 2021b).

Despite the population and economic growth, CARB's 2017 statewide inventory indicated that California's net GHG emissions in 2017 were just below 1990 levels, which is the 2020 GHG reduction target codified in California Health and Safety Code Division 25.5, also known as the Global Warming Solutions Act of 2006 (Assembly Bill [AB] 32). **Table 3.4-1** identifies and quantifies statewide anthropogenic GHG emissions and sinks (e.g., carbon sequestration due to forest growth) in 1990 and 2017. As shown in the table, the transportation sector is the largest contributor to statewide GHG emissions at approximately 40 percent in 2017.

TABLE 3.4-1
STATE OF CALIFORNIA GREENHOUSE GAS EMISSIONS

Category	Total 1990 Emissions using IPCC SAR ($MMTCO_2e$)	Percent of Total 1990 Emissions SAR/AR4	Total 2017 Emissions using IPCC AR4 ($MMTCO_2e$)	Percent of Total 2017 Emissions
Transportation	150.7	35%/35%	169.9	40%
Electric Power	110.6	26%/26%	62.4	15%
Commercial Fuel Use	14.4	3%/3%	15.1	4%
Residential	29.7	7%/7%	26.0	6%
Industrial	103.0	24%/24%	89.4	21%
Recycling and Waste[a]	–	–	8.9	2%
High GWP/Non-Specified[b]	1.3	<1%/<1%	19.9	5%
Agriculture/Forestry	23.6	6%/5%	32.4	8%
Forestry Sinks	-6.7		-- [c]	--
Net Total (IPCC SAR)	**426.6**	**100%[e]**	--	--
Net Total (IPCC AR4)[d]	**431**	**100%**	**424.1**	**100%**

NOTES:
IPCC = Intergovernmental Panel on Climate Change; SAR = Second Assessment Report; AR4 = Fourth Assessment Report.
[a] Included in other categories for the 1990 emissions inventory.
[b] High global warming potential (GWP) gases are not specifically called out in the 1990 emissions inventory.
[c] Revised methodology under development (not reported for 2017).
[d] CARB revised the State's 1990 level GHG emissions using GWPs from the IPCC AR4.
[e] Values may not total to 100% due to rounding

SOURCES: CARB, 2007; CARB, 2019.

Bay Area GHG Emissions

Based on 2015 data, in the nine county San Francisco Bay Area, GHG emissions from the transportation sector represent the largest source of the Bay Area's GHG emissions at 41 percent, followed by the stationary industrial sources at 26 percent, electricity generation and co-generation at 14 percent, and fuel use (primarily natural gas) by buildings at 10 percent. The remaining 8 percent of emissions is composed of fluorinated gas emissions and emissions from solid waste and agriculture. Of the total transportation emissions in 2015, on-road sources accounted for approximately 87 percent, while off-road sources accounted for the remainder (BAAQMD, 2017a).

City of San José GHG Emissions

In April 2019, the City of San José published its community-wide inventory of 2017 GHG emissions. As compared to the 2014 inventory, the 2017 inventory reports a decrease in GHG emissions of just over 17 percent (City of San José, 2019). The City attributes this decrease primarily to Pacific Gas and Electric Company's (PG&E's) cleaner electricity grid and a reduction in energy consumption. The transportation sector remained the greatest contributor of GHG emissions, as is typical statewide. For a sector-by-sector summary of community-wide GHG emissions, see **Table 3.4-2**. The City intends to complete annual GHG inventories to track reduction progress while focusing on implementation of the key policies and actions identified in its

2018 climate action plan. Target areas for GHG emission reduction identified by the City include energy efficiency, renewable energy and electrification, vehicle fuel efficiency, alternative transportation, vehicle trip reduction, and land use and transit planning (City of San José, 2019).

TABLE 3.4-2
CITY OF SAN JOSÉ 2017 COMMUNITY-WIDE GREENHOUSE GAS EMISSIONS BY SECTOR

Sector	$MTCO_2e$
Residential Energy	763,961
Commercial Energy	627,496
Industrial Energy	399,690
Transportation	3,589,159
Solid Waste	271,862
Water & Wastewater	29,235
Process & Fugitive	30,262
Total	**5,711,665**

NOTE:
$MTCO_2e$ = metric tons of carbon dioxide equivalent
SOURCE: City of San José, 2019.

Existing SJCC Campus GHG Emissions

The SJCC campus in its current condition is detailed in *Section 2.3.5 Existing Campus Layout & On-going Activities* of *Chapter 2, Project Description*. The total floor area associated with the existing campus buildings and facilities is approximately 635,000 square feet. The existing operational GHG emissions were calculated using the California Emissions Estimator Model software (CalEEMod) defaults for energy, area sources, water, wastewater, and solid waste.

Existing SJCC campus mobile source emissions were estimated based on trip generation estimates for existing conditions in the traffic study prepared in support of this EIR. Indirect GHG emissions from electricity use at the SJCC campus are based on historical energy usage rates in CalEEMod. The emissions from the testing and maintenance of the backup generator and natural gas combustion are also accounted.[1] As shown in **Table 3.4-3**, existing GHG emissions, excluding mobile-source emissions, total approximately 7,486 $MTCO_2e$/year.

[1] Emissions from the testing and maintenance of the backup generator were estimated in CalEEMod assuming a 650 kW generator operating for a maximum of 50 hours per year for testing and maintenance purposes. Emissions from natural gas combustion are based existing natural gas use provided by the *Utility Infrastructure Master Plan* for the campus (P2S, 2020) and include natural gas combustion at the three boilers at the Central Plant and other buildings not served by the Central Plant. Estimates are based on default emission factors for natural combustion within CalEEMod.

TABLE 3.4-3
EXISTING OPERATIONAL GREENHOUSE GAS EMISSIONS AT THE SJCC CAMPUS

Source	$MTCO_2e$
Area	<0.1
Electricity Use[1]	571
Natural Gas Combustion[2]	1,157
Emergency Generator	17
Mobile Sources	5,274
Solid Waste Generation	415
Water Use	52
Total	**7,486**

NOTES:
$MTCO_2e$ = metric tons of carbon dioxide equivalent
1 Emissions from electricity use are based on historical energy use rate in CalEEMod.
2 Includes emissions from natural gas combustion at the three boilers at the SJCC's Central Plant and at other buildings on campus not served by SJCC's Central Plant.

SOURCE: Appendix B, *Air Quality and Greenhouse Gas Emissions Calculations*.

3.4.2 Regulatory Setting

Federal

Clean Air Act and U.S. Environmental Protection Agency "Endangerment" and "Cause or Contribute" Findings

In 2007, the U.S. Supreme Court held that the U.S. Environmental Protection Agency (EPA), the federal agency responsible for implementing the Clean Air Act (CAA), must consider regulation of motor vehicle GHG emissions. In *Massachusetts v. Environmental Protection Agency et al.*, twelve states and cities, including California, together with several environmental organizations sued to require EPA to regulate GHGs as pollutants under the CAA (127 S. Ct. 1438 [2007]). The Supreme Court ruled that GHGs fit within the CAA's definition of a pollutant and EPA had the authority to regulate GHGs.

On December 7, 2009, the EPA Administrator signed two distinct findings regarding GHGs under CAA Section 202(a):

- **Endangerment Finding:** The current and projected concentrations of the six key GHGs—CO_2, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride—in the atmosphere threaten the public health and welfare of current and future generations.
- **Cause or Contribute Finding:** The combined emissions of these GHGs from new motor vehicles and new motor vehicle engines contribute to the GHG pollution that threatens public health and welfare.

These findings did not, by themselves, impose any requirements on industry or other entities. However, these actions were a prerequisite for implementing GHG emissions standards for vehicles.

Vehicle Emissions Standards

In 1975, Congress enacted the Energy Policy and Conservation Act, which established the first fuel economy standards for on-road motor vehicles in the United States. Pursuant to the act, EPA and the National Highway Traffic Safety Administration (NHTSA) are responsible for establishing additional vehicle standards. In August 2012, standards were adopted for model years 2017 through 2025 for passenger cars and light-duty trucks. According to EPA, a model year 2025 vehicle would emit half the GHG emissions of a model year 2010 vehicle (EPA and NHTSA, 2010). Notably, the State of California harmonized its vehicle efficiency standards through 2025 with the federal standards at this time (see *Advanced Clean Cars Program* below).

In August 2018, EPA and the NHTSA proposed maintaining the 2020 corporate average fuel economy (CAFE) and CO_2 standards for model years 2021 through 2026. The estimated CAFE and CO_2 standards for model year 2020 are 43.7 miles per gallon (mpg) and 204 grams of CO_2 per mile for passenger cars and 31.3 mpg and 284 grams of CO_2 per mile for light trucks, projecting an overall industry average of 37 mpg, as compared to 46.7 mpg under the standards issued in 2012. In September 2019, EPA finalized the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program and announced its decision to withdraw the Clean Air Act preemption waiver granted to the State of California in 2013 (EPA and NHTSA, 2019).

State

California has promulgated a series of executive orders, laws, and regulations aimed at reducing both the level of GHGs in the atmosphere and emissions of GHGs within the State. The major components of California's climate protection initiative are reviewed below.

The CARB is the agency with regulatory authority over air quality issues in California. CARB adopts regulations designed to reduce criteria pollutants, toxic air contaminants, and GHG emissions; and establishes vehicle emissions standards. As discussed earlier, CARB is responsible for preparing, adopting, and updating California's GHG inventory. Additional responsibilities of CARB with respect to specific State mandates are discussed below.

California Environmental Quality Act and Senate Bill 97

Senate Bill (SB) 97, signed in August 2007, acknowledges that climate change is a prominent environmental issue requiring analysis under CEQA. This bill directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the California Natural Resources Agency (CNRA) guidelines for the feasible mitigation of GHG emissions or the effects of GHG emissions, as required by CEQA, no later than July 1, 2009. On December 30, 2009, the CNRA adopted amendments to the CEQA Guidelines, as required by SB 97. The CEQA Guidelines amendments, effective March 18, 2010, provide guidance to public agencies regarding the analysis and mitigation of the effects of GHG emissions in draft CEQA documents.

CEQA Guidelines

The CEQA Guidelines are embodied in the California Code of Regulations (CCR), Title 14, beginning with Section 15000. The current CEQA Guidelines Section 15064.4 states that "a lead agency shall make a good-faith effort, based to the extent possible on scientific and factual data,

to describe, calculate, or estimate the amount of GHG emissions resulting from a project." Section 15064.4 further states:

> *A lead agency should consider the following factors, when determining the significance of impacts from greenhouse gas emissions on the environment:*
>
> *(1) The extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting;*
>
> *(2) Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.*
>
> *(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 (see e.g., section 15183.5(b)).*

The CEQA Guidelines also state that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program (including plans or regulations for the reduction of GHG emissions) that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located (CEQA Guidelines Section 15064(h)(3)).

The CEQA Guidelines do not require or recommend a specific analytical method or provide quantitative criteria for determining the significance of GHG emissions, nor do they set a numerical threshold of significance for GHG emissions. Section 15064.7(c) clarifies that "when adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

When GHG emissions are found to be significant, CEQA Guidelines Section 15126.4(c) includes the following direction on measures to mitigate GHG emissions:

> *Consistent with Section 15126.4(a), lead agencies shall consider feasible means, supported by substantial evidence and subject to monitoring or reporting, of mitigating the significant effects of greenhouse gas emissions. Measures to mitigate the significant effects of greenhouse gas emissions may include, among others:*
>
> *(1) Measures in an existing plan or mitigation program for the reduction of emissions that are required as part of the lead agency's decision.*
>
> *(2) Reductions in emissions resulting from a project through implementation of project features, project design, or other measures.*
>
> *(3) Off-site measures, including offsets that are not otherwise required, to mitigate a project's emissions.*
>
> *(4) Measures that sequester greenhouse gases.*

(5) In the case of the adoption of a plan, such as a general plan, long range development plan, or plans for the reduction of greenhouse gas emissions, mitigation may include the identification of specific measures that may be implemented on a project-by project basis. Mitigation may also include the incorporation of specific measures or policies found in an adopted ordinance or regulation that reduces the cumulative effect of emissions.

State of California Executive Orders

Executive Order S-3-05

In 2005, in recognition of California's vulnerability to the effects of climate change, then-Governor Arnold Schwarzenegger issued Executive Order S-3-05, which set forth a series of target dates by which statewide emissions of GHGs would be progressively reduced, as follows:

- By 2010, reduce GHG emissions to 2000 levels.
- By 2020, reduce GHG emissions to 1990 levels.
- By 2050, reduce GHG emissions to 80 percent below 1990 levels.

Executive Order S-1-07

Executive Order S-1-07, signed by Governor Schwarzenegger in 2007, proclaims that the transportation sector is the main source of GHG emissions in California, generating more than 40 percent of statewide emissions. It established a low carbon fuel standard (LCFS) with a goal to reduce the carbon intensity of transportation fuels sold in California by at least 10 percent by 2020.

In September 2018, CARB extended the LCFS program to 2030, making significant changes to the design and implementation of the program, including a doubling of the carbon intensity reduction to 20 percent by 2030.

Executive Orders S-14-08 and S-21-09

In November 2008, Governor Schwarzenegger signed Executive Order S-14-08, which expands the state's Renewable Portfolio Standard (RPS) to 33 percent renewable power by 2020. In September 2009, then-Governor Schwarzenegger continued California's commitment to the RPS by signing Executive Order S-21-09, which directs CARB under its AB 32 authority to enact regulations to help the state meet its RPS goal of 33 percent renewable energy by 2020.

Executive Order S-13-08

Governor Schwarzenegger signed Executive Order S-13-08 on November 14, 2008. The order resulted in the *2009 California Climate Adaptation Strategy* report, developed to summarize the best known science on climate change impacts in the state to assess vulnerability and outline possible solutions that can be implemented within and across state agencies to promote resiliency. The state has also developed an Adaptation Planning Guide to provide a decision-making framework intended for use by local and regional stakeholders to aid in the interpretation of climate science and to develop a systematic rationale for reducing risks caused or exacerbated by climate change (California Natural Resources Agency, 2012).

Executive Order B-16-12

In March 2012, then-Governor Jerry Brown issued an executive order establishing a goal of 1.5 million zero-emission vehicles (ZEVs) on California roads by 2025. In addition to the ZEV goal, Executive Order B-16-12 stipulated that by 2015 all major cities in California will have adequate infrastructure and be "zero-emission vehicle ready"; that by 2020 the state will have established adequate infrastructure to support 1 million ZEVs; that by 2050, virtually all personal transportation in the state will be based on ZEVs; and that GHG emissions from the transportation sector will be reduced by 80 percent below 1990 levels.

Executive Order B-30-15

Governor Brown signed Executive Order B-30-15 on April 29, 2015, which:

- Established a new interim statewide reduction target to reduce GHG emissions to 40 percent below 1990 levels by 2030;
- Ordered all state agencies with jurisdiction over sources of GHG emissions to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 reduction targets; and
- Directed CARB to update the Climate Change Scoping Plan (Scoping Plan) to express the 2030 target in terms of million metric tons of CO_2 equivalent.

Executive Order B-48-18

On January 26, 2018, Governor Brown issued an executive order establishing a goal of 5 million ZEVs on California roads by 2030.

Executive Order B-55-18

On September 10, 2018, Governor Brown signed Executive Order B-55-18, committing California to total, economy-wide carbon neutrality by 2045. Executive Order B-55-18 directs CARB to work with relevant state agencies to develop a framework to implement and accounting to track progress toward this goal.

State of California Policy and Legislation

Assembly Bill 1493

In 2002, then-Governor Gray Davis signed AB 1493. AB 1493 required that CARB develop and adopt, by January 1, 2005, regulations to achieve "the maximum feasible reduction of GHGs emitted by passenger vehicles and light-duty trucks and other vehicles determined by CARB to be vehicles whose primary use is noncommercial personal transportation in the State."

To meet the requirements of AB 1493, in 2004 CARB approved amendments to the CCR adding GHG emissions standards to California's existing standards for motor vehicle emissions. All mobile sources were required to comply with these regulations as they were phased in from 2009 through 2016.

Assembly Bill 32 and Senate Bill 32

In September 2006, Governor Schwarzenegger signed the California Global Warming Solutions Act of 2006 (AB 32). AB 32 established regulatory, reporting, and market mechanisms to achieve

quantifiable reductions in GHG emissions and established a cap on statewide GHG emissions. AB 32 required that statewide GHG emissions be reduced to 1990 levels by 2020. This reduction was to be accomplished by enforcing a statewide cap on GHG emissions that would be phased in starting in 2012. To effectively implement the cap, AB 32 directed CARB to develop and implement regulations to reduce statewide GHG emissions from stationary sources. AB 32 specified that regulations adopted in response to AB 1493 should be used to address GHG emissions from vehicles. However, AB 32 also included language stating that if the AB 1493 regulations could not be implemented, then CARB should develop new regulations to control vehicle GHG emissions under the authorization of AB 32.

In 2016, SB 32 and its companion bill AB 197 amended Health and Safety Code Division 25.5, establishing a new climate pollution reduction target of 40 percent below 1990 levels by 2030, and included provisions to ensure that the benefits of state climate policies reach disadvantaged communities.

Climate Change Scoping Plan

A specific requirement of AB 32 was to prepare a Climate Change Scoping Plan for achieving the maximum technologically feasible and cost-effective GHG emission reduction by 2020. CARB developed and approved the initial scoping plan in 2008, outlining the regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs that would be needed to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives (CARB, 2008).

CARB approved the 2017 Climate Change Scoping Plan Update (2017 Scoping Plan Update) in December 2017. The 2017 Scoping Plan Update outlines the proposed framework of action for achieving the 2030 GHG target of 40 percent reduction in GHG emissions relative to 1990 levels (CARB, 2017). Through a combination of data synthesis and modeling, CARB determined that the target statewide 2030 emissions limit is 260 $MMTCO_2e$, and that further commitments will need to be made to achieve an additional reduction of 50 $MMTCO_2e$ beyond current policies and programs. The cornerstone of the 2017 Scoping Plan Update is an expansion of the cap-and-trade program to meet the aggressive 2030 GHG emissions goal and ensure achievement of the 2030 limit set forth by Executive Order B-30-15.

In the 2017 Scoping Plan Update, CARB recommends statewide targets of no more than 6 $MTCO_2e$ per capita by 2030 and no more than 2 $MTCO_2e$ per capita by 2050. CARB acknowledges that because the statewide per-capita targets are based on the statewide GHG emissions inventory that includes all emissions sectors in the state, it is appropriate for local jurisdictions to derive evidence-based local per-capita goals based on local emissions sectors and growth projections.

To demonstrate how a local jurisdiction can achieve its long-term GHG goals at the community plan level, CARB recommends developing a geographically specific GHG reduction plan (i.e., climate action plan) consistent with the requirements of CEQA Section 15183.5(b). A so-called "CEQA-qualified" GHG reduction plan, once adopted, can provide local governments with a streamlining tool for project-level environmental review of GHG emissions, provided there are

adequate performance metrics for determining project consistency with the plan. Absent conformity with such a plan, CARB recommends "that projects incorporate design features and GHG reduction measures, to the degree feasible, to minimize GHG emissions. Achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development." While acknowledging that recent land use development projects in California have demonstrated the feasibility to achieve zero net additional GHG emissions (e.g., Newhall Ranch Resource Management and Development Plan), the 2017 Scoping Plan Update states that:

> *Achieving net zero increases in GHG emissions, resulting in no contribution to GHG impacts, may not be feasible or appropriate for every project, however, and the inability of a project to mitigate its GHG emissions to net zero does not imply the project results in a substantial contribution to the cumulatively significant environmental impact of climate change under CEQA. Lead agencies have the discretion to develop evidence-based numeric thresholds (mass emissions, per capita, or per service population) consistent with this Scoping Plan, the State's long-term GHG goals, and climate change science… To the degree a project relies on GHG mitigation measures, CARB recommends that lead agencies prioritize on-site design features that reduce emissions, especially from VMT [vehicle miles traveled], and direct investments in GHG reductions within the project's region that contribute potential air quality, health, and economic co-benefits locally.*

Cap-and-Trade Program

Initially authorized by AB 32, and extended through the year 2030 with the passage of AB 398 (2017), the California Cap-and-Trade Program is a core strategy that the state is using to meet its GHG reduction targets for 2020 and 2030, and ultimately achieve an 80 percent reduction from 1990 levels by 2050. CARB designed and adopted the California Cap-and-Trade Program to reduce GHG emissions from "covered entities"[2] (e.g., electricity generation, petroleum refining, cement production, and large industrial facilities that emit more than 25,000 $MTCO_2e$ per year), setting a firm cap on statewide GHG emissions and employing market mechanisms to achieve reductions.[3] Under the Cap-and-Trade Program, an overall limit is established for GHG emissions from capped sectors. The statewide cap for GHG emissions from the capped sectors commenced in 2013. The cap declines over time. Facilities subject to the cap can trade offsets and allowances to emit GHGs.[4]

Senate Bill 375

Signed into law on October 1, 2008, SB 375 supplements GHG reductions from new vehicle technology and fuel standards with reductions from more efficient land use patterns and improved transportation. Under the law, CARB approved GHG reduction targets in February 2011 for California's 18 federally designated regional planning bodies, known as Metropolitan Planning Organizations. The target reductions for the Bay Area are a regional reduction of per-capita GHG

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2 "Covered entity" means an entity in California that has one or more of the processes or operations and has a compliance obligation as specified in Subarticle 7 of the Cap-and-Trade Regulation; and that has emitted, produced, imported, manufactured, or delivered in 2008 or any subsequent year more than the applicable threshold level specified in section 95812(a) of the Regulation.

3 17 CCR 95800–96023.

4 See generally 17 CCR 95811 and 95812.

emissions from cars and light-duty trucks by 7 percent by 2020 and by 15 percent by 2035, compared to a 2005 baseline.

The Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG) address these goals in *Plan Bay Area 2040*, which identifies Priority Development Areas (PDAs) near transit options to reduce the use of on-road vehicles. By focusing and incentivizing future growth in PDAs, *Plan Bay Area 2040* demonstrates how the nine-county Bay Area can reduce per-capita CO_2 emissions by 16 percent by 2035 (MTC & ABAG, 2017). In a March 2018 hearing, CARB approved revised targets: to reduce per-capita emissions 10 percent by 2020 and 19 percent by 2035 (CARB, 2018a).

California Renewables Portfolio Standard

Senate Bills 1078 and 107

SB 1078 (Chapter 516, Statutes of 2002) required retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from renewable sources by 2017. SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010.

Senate Bill X 1-2

SB X 1-2, signed by Governor Brown in April 2011, enacted the California Renewable Energy Resources Act. The law obligated all California electricity providers, including investor-owned and publicly owned utilities, to obtain at least 33 percent of their energy from renewable resources by the year 2020.

Senate Bill 350

SB 350, the Clean Energy and Pollution Reduction Act of 2015 (Chapter 547, Statutes of 2015), was approved by Governor Brown on October 7, 2015. SB 350 increased the standards of the California RPS program by requiring that the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources be increased from 33 percent to 50 percent by December 31, 2030. The act requires the State Energy Resources Conservation and Development Commission to establish annual targets for statewide energy efficiency savings and demand reduction that will achieve a cumulative doubling of statewide energy efficiency savings in existing electricity and natural gas final end uses of retail customers by January 1, 2030.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, establishing that 100 percent of all electricity in California must be obtained from renewable and zero-carbon energy resources by December 31, 2045. SB 100 also creates new standards for the RPS goals that were established by SB 350 in 2015. Specifically, the law increases the percentage of energy that both investor-owned utilities and publicly owned utilities must obtain from renewable sources from 50 percent to 60 percent by 2030. Incrementally, these energy providers must also have a renewable energy supply of 33 percent by 2020, 44 percent by 2024, and 52 percent by 2027. The updated RPS goals are considered achievable, because many California energy providers are already meeting or exceeding the RPS goals established by SB 350.

Advanced Clean Cars Program

In January 2012, pursuant to Recommended Measures T-1 and T-4 of the Scoping Plan, CARB approved the Advanced Clean Cars Program, a new emissions-control program for model years 2017 through 2025. The program combines the control of smog, soot, and GHGs with requirements for greater numbers of ZEVs. By 2025, when the rules will be fully implemented, the new automobiles will emit 34 percent fewer global warming gases and 75 percent fewer smog-forming emissions.

Mobile Source Strategy

In May 2016, CARB released the updated Mobile Source Strategy that demonstrates how the state can simultaneously meet air quality standards, achieve GHG emission reduction targets, decrease health risk from transportation emissions, and reduce petroleum consumption over the next 15 years. The strategy promotes a transition to zero-emission and low-emission vehicles, cleaner transit systems and reduction of vehicle miles traveled (VMT). The Mobile Source Strategy calls for 1.5 million ZEVs (including plug-in hybrid electric, battery-electric, and hydrogen fuel cell vehicles) by 2025 and 4.2 million ZEVs by 2030. The strategy also calls for more-stringent GHG requirements for light-duty vehicles beyond 2025 as well as GHG reductions from medium-duty and heavy-duty vehicles and increased deployment of zero emission trucks primarily for class 3–7 “last mile” delivery trucks in California. Statewide, the Mobile Source Strategy would result in a 45 percent reduction in GHG emissions from mobile sources and a 50 percent reduction in the consumption of petroleum-based fuels (CARB, 2016).

Senate Bill 743

In 2013, Governor Brown signed SB 743, which added Public Resources Code Section 21099 to CEQA. SB 743 changed the way that transportation impacts are analyzed under CEQA, better aligning local environmental review with statewide objectives to reduce GHG emissions, encourage infill mixed-use development in designated priority development areas, reduce regional sprawl development, and reduce VMT in California.

As required under SB 743, OPR developed potential metrics to measure transportation impacts that may include, but are not limited to, VMT, VMT per capita, automobile trip generation rates, or automobile trips generated. The new VMT metric is intended to replace the use of automobile delay and level of service as the metric to analyze transportation impacts under CEQA.

In its 2018 *Technical Advisory on Evaluating Transportation Impacts in CEQA*, OPR recommends different thresholds of significance for projects depending on land use types (Governor’s Office of Planning and Research, 2018). For example, residential and office space projects must demonstrate a VMT level that is 15 percent less than that of existing development to determine whether the mobile-source GHG emissions associated with the project are consistent with statewide GHG reduction targets. With respect to retail land uses, any net increase of VMT may be sufficient to indicate a significant transportation impact.

Senate Bill 1383 (Short-Lived Climate Pollutants)

SB 1383, enacted in 2016, requires statewide reductions in short-lived climate pollutants across various industry sectors. The climate pollutants covered under SB 1383 include methane,

fluorinated gases, and black carbon—all GHGs with a much higher warming impact than CO_2 and with the potential to have detrimental effects on human health. SB 1383 requires CARB to adopt a strategy to reduce methane by 40 percent, hydrofluorocarbon gases by 40 percent, and anthropogenic black carbon by 50 percent below 2013 levels by 2030. The methane emissions reduction goals include a 75 percent reduction in the level of statewide disposal of organic waste from 2014 levels by 2025.

Assembly Bill 341

AB 341, which became law in 2011, established a new statewide goal of 75 percent recycling through source reduction, recycling, and composting by 2020. The new law has changed the way that the state measures progress toward the 75 percent recycling goal, focusing on source reduction, recycling, and composting. AB 341 also requires all businesses and public entities that generate 4 cubic yards or more of waste per week to have a recycling program in place. The purpose of the law is to reduce GHG emissions by diverting commercial solid waste to recycling efforts and expand the opportunity for additional recycling services and recycling manufacturing facilities in California (California Department of Resources Recycling and Recovery, 2020).

Assembly Bill 1826

AB 1826, known as the Commercial Organic Waste Recycling Law, became effective on January 1, 2016, and requires businesses and multi-family complexes (with five units or more) that generate specified amounts of organic waste (compost) to arrange for organics collection services. The law phases in the requirements on businesses with full implementation realized in 2019:

- **First Tier:** Commenced in April 2016, the first tier of affected businesses included those that generate 8 or more cubic yards of organic materials per week.
- **Second Tier:** In January 2017, the affected businesses expanded to include those that generate 4 or more cubic yards of organic materials per week.
- **Third Tier:** In January 2019, the affected businesses expanded further to include those that generate 4 or more cubic yards of commercial solid waste per week.

State of California Building Codes

California Building and Energy Efficiency Standards (Title 24)

The California Energy Commission (CEC) first adopted Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) in 1978 in response to a legislative mandate to reduce energy consumption in the state. Although the standards were not originally intended to reduce GHG emissions, increased energy efficiency and reduced consumption of electricity, natural gas, and other fuels would result in lower GHG emissions from residential and non-residential buildings subject to the standard. The standards are updated periodically (typically every three years) to allow for the consideration and inclusion of new energy efficiency technologies and methods. The current Title 24, Part 6 standards (2019 standards) were made effective on January 1, 2020 (CEC, 2019).

California Green Building Standards Code

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards Code (CALGreen Code). The CALGreen Code is intended to encourage more

sustainable and environmentally friendly building practices, require low-pollution-emitting substances that cause less harm to the environment, conserve natural resources, and promote the use of energy-efficient materials and equipment.

Since 2011, the CALGreen Code has been mandatory for all new residential and non-residential buildings constructed in the state. Such mandatory measures include energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. The CALGreen Code is reviewed and updated on a three-year cycle.

The CALGreen Code was most recently updated in 2019 to include new mandatory measures for residential and non-residential uses; the new measures took effect on January 1, 2020 (California Building Standards Commission, 2018).

California Community Colleges

Climate Change and Sustainability Resolution and Policy

In January 2020, the Board of Governors of the California Community Colleges adopted a *Climate Change and Sustainability Resolution* and *Climate Change and Sustainability Policy* (California Community Colleges, 2020) as part of their ongoing commitment to environmental sustainability and providing California community college students and their communities sustainable and safe learning environments. Together the resolution and policy acknowledge the urgency of climate change and its impact on community college campuses, communities and state.

Adoption of this policy and resolution aligns the efforts of the California Community Colleges on climate change and sustainability with California's *Climate Change Strategy*. The policy and resolution provide a set of seven goals to be achieved by 2030, with incremental progress for each expected by 2025, as shown in **Table 3.4-4**.

TABLE 3.4-4
GREENHOUSE GAS REDUCTION AND SUSTAINABILITY GOALS FOR CALIFORNIA COMMUNITY COLLEGES

By 2025	By 2030
1. Reduce GHG emissions to 30 percent below 1990 levels	Reduce GHG emissions to 40 percent below 1990 levels
2. Increase renewable energy consumption to 25 percent	Increase renewable energy consumption to 50 percent
3. 25 percent of fleet vehicles are zero-emission vehicles	50 percent of fleet vehicles are zero-emission vehicles
4. 50 percent of all new buildings and major renovations will be constructed as Zero Net Energy	100 percent of all new buildings and major renovations will be constructed as Zero Net Energy
5. 50 percent of all new buildings and major renovations will achieve at least a Leadership in Energy and Environmental Design (LEED) "Silver" or equivalent rating	100 percent of all new buildings and major renovations will achieve at least a LEED "Silver" or equivalent rating
6. Increase procurement of sustainable products and services by 20 percent compared to current levels	Increase procurement of sustainable products and services by 25 percent compared to existing levels
7. Reduce municipal solid waste by 25 percent compared to current levels	Reduce municipal solid waste by 50 percent compared to current levels

SOURCE: California Community Colleges, 2020.

The policy and resolution requires community college districts to develop their own local climate change and sustainability resolutions which may include commitments to implement the Board of Governors' Climate Change and Sustainability Policy and Resolution's goals locally, offer environmental sciences degrees and certificates with an emphasis on climate change, and other significant local climate change strategies and environmental sustainability measures thereby integrating climate change and sustainability into all facets of campus operations, and not just local facilities programs and business services.

Regional

Bay Area Air Quality Management District

The Bay Area Air Quality Management District (BAAQMD) is the regional government agency that regulates stationary sources of air pollution in the nine San Francisco Bay Area counties. Additionally, BAAQMD regulates GHG emissions through the following plans, programs, and guidelines.

Clean Air Plan

BAAQMD and other air districts prepare clean air plans in accordance with the federal and state Clean Air Acts. On April 19, 2017, the BAAQMD Board of Directors adopted the 2017 *Clean Air Plan: Spare the Air, Cool the Climate*, an update to the 2010 Clean Air Plan (BAAQMD, 2017a). The Clean Air Plan (CAP) is a comprehensive plan that focuses on the closely related goals of protecting public health and protecting the climate. Consistent with the State's GHG reduction targets, the plan lays the groundwork for a long-term effort to reduce Bay Area GHG emissions 40 percent below 1990 levels by 2030 and 80 percent below 1990 levels by 2050.

BAAQMD Climate Protection Program

BAAQMD established a climate protection program (Program) to reduce pollutants that contribute to global climate change and affect air quality in the San Francisco Bay Area Air Basin. The Program is focused on meeting the 2050 target, as the CAP discussed above is focused on the interim 2030 target. The Program includes measures that promote energy efficiency, reduce VMT, and develop alternative sources of energy, all of which assist in reducing GHG emissions and reducing air pollutants that affect the health of residents. BAAQMD also seeks to support other climate protection programs in the region and to stimulate additional efforts through public education and outreach, technical assistance to local governments and other interested parties, and promotion of collaborative efforts among stakeholders.

BAAQMD CEQA Air Quality Guidelines

The BAAQMD CEQA Air Quality Guidelines were prepared to assist in the evaluation of air quality impacts of projects and plans proposed in the Bay Area. The guidelines also include recommended assessment methodologies for air toxics, odors, and GHG emissions. In June 2010, BAAQMD's Board of Directors adopted CEQA thresholds of significance and an update of the BAAQMD CEQA Guidelines, which included significance thresholds for GHG emissions based on the emission reduction goals for 2020 articulated by the California Legislature in AB 32. The first threshold, 1,100 $MTCO_2e$ per year, is a numeric emissions level below which a project's contribution to global climate change would be less than cumulatively considerable. For larger

and mixed-use projects, the guidelines state that emissions would be less than cumulatively significant if the project as a whole would result in an efficiency of 4.6 $MTCO_2e$ per service population or better. Because these thresholds are based on a 2020 GHG target, these thresholds are no longer relevant for current and future projects. BAAQMD is currently working on the SB 32 interim and long-term 2040 GHG reduction targets; however, these are not available at this time.

Under the current BAAQMD Air Quality Guidelines, a local government may prepare a qualified GHG reduction strategy that is consistent with AB 32 goals. If a project is consistent with an adopted qualified GHG reduction strategy and general plan that addresses the project's GHG emissions, it can be presumed that the project will not have significant GHG emissions under CEQA (BAAQMD, 2017b).

Metropolitan Transportation Commission/Association of Bay Area Governments

Sustainable Communities Strategy—Plan Bay Area

MTC is the federally recognized Metropolitan Planning Organization for the nine-county Bay Area, which includes Santa Clara County and the city of San José. On July 18, 2013, Plan Bay Area was jointly approved by ABAG's Executive Board and by MTC.

The plan includes the region's Sustainable Communities Strategy, as required under SB 375, and the 2040 Regional Transportation Plan. The Sustainable Communities Strategy lays out how the region will meet GHG reduction targets set by CARB. CARB's current targets call for the region to reduce per-capita vehicular GHG emissions 10 percent by 2020 and 19 percent by 2035 from a 2005 baseline (CARB, 2018b).

A central GHG reduction strategy of Plan Bay Area is the concentration of future growth in PDAs and Transit Priority Areas (TPAs). To be eligible for PDA designation, an area must be within an existing community, near existing or planned fixed transit or served by comparable bus service, and planned for more housing. A TPA is an area within 0.5 miles of an existing or planned major transit stop such as a rail transit station, a ferry terminal served by transit, or the intersection of two or more major bus routes (MTC, 2013). The SJCC campus is not located within a PDA or a TPA.

On July 26, 2017, MTC adopted *Plan Bay Area 2040*, a focused update that builds upon the growth pattern and strategies developed in the original Plan Bay Area but with updated planning assumptions that incorporate key economic, demographic, and financial trends since the original plan was adopted (MTC, 2017).

San José Evergreen Community College District

In October 2020, the District adopted Resolution No. 101320-6 (San José Evergreen Community College District, 2020) affirming its commitment to pursue the 2025 and 2030 climate change and sustainability goals in the California Community Colleges Board of Governors' Climate Change and Sustainability Policy and Resolution (please refer to that Policy and Resolution, above).

Local

City of San José

Envision San José 2040 General Plan

The City of San José adopted the *Envision San José 2040 General Plan* in 2011 (City of San José, 2011). Many of the goals and policies identified in the General Plan reflect the City's commitment to sustainability; however, these would not apply to the SJCC FMP.

Climate Smart San José

The City adopted its *Climate Smart San José* plan in 2018 (City of San José, 2018). The plan builds upon the foundational goals and policies identified in the General Plan, and provides additional analysis, recommendations, and corresponding metrics. The plan creates a measurable pathway to meeting the City's GHG emissions reduction targets.

The Plan focuses on three pillars and nine key strategies:

1. A sustainable and climate smart City

- Transition to a renewable energy future
- Embrace our Californian climate

2. A vibrant city of connected and focused growth

- Densify our City to accommodate our future neighbors
- Make homes efficient and affordable for our families
- Create clean, personalized mobility choices
- Develop integrated, accessible public transport infrastructure

3. An economically inclusive city of opportunity

- Create local jobs in our City to reduce VMT
- Improve our commercial building stock
- Make commercial goods movement clean and efficient

The 2030 GHGRS was adopted by the City Council in November 2020 and serves as a framework for the purposes of streamlining under CEQA.

City of San José Greenhouse Gas Reduction Strategy (2030 GHGRS)

The City prepared its initial *Greenhouse Gas Reduction Strategy* in 2011 in conjunction with the General Plan; the strategy was subsequently updated in 2015 (City of San José, 2015). The original strategy was prepared in accordance with AB 32 and CEQA Guidelines Section 15183.5. One of the strategy's five purposes is to "achieve General Plan–level environmental clearance for future development activities (through the year 2020)." In response to SB 32's 2030 goal, the City in August 2020 published the *2030 Greenhouse Gas Reduction Strategy* (2030 GHGRS; City of San José, 2020). This new document is a comprehensive update to the 2011 *GHG Reduction Strategy* and reflects the plans, policies, and codes as approved by the City Council. It builds on the policies set forth in the General Plan and in *Climate Smart San José* (2018). The 2030 GHGRS provides a development checklist that identifies clear strategies for GHG

reductions that new projects in the city must implement to demonstrate consistency with the 2030 GHGRS and to achieve the City's 2030 interim GHG reduction target.

Though the District is the lead agency for the SJCC FMP under CEQA, the City's 2030 GHGRS establishes an interim reduction target for 2030 based on the regional growth assumptions including institutional growth such as that for SJCC. Additionally, as the 2030 GHGRS is in alignment with the State SB 32 reduction targets, these reduction trajectories offer a streamlining opportunity to examine the proposed SJCC FMP's GHG emissions in relation to the State's reduction targets.

3.4.3 Analysis, Impacts, and Mitigation

Significance Criteria

For the purposes of this EIR, a GHG emissions impact would be significant if implementing the proposed SJCC FMP would:

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

CEQA Guidelines Section 15064.4 gives lead agencies the discretion to determine whether to assess GHG emissions quantitatively or qualitatively. The guidelines do not establish a bright-line quantitative threshold of significance; rather, lead agencies are granted discretion to establish significance thresholds for their respective jurisdictions, including looking to thresholds developed by other public agencies, or suggested by other experts, such as the California Air Pollution Control Officers Association (CAPCOA), so long as any threshold chosen is supported by substantial evidence (refer to CEQA Guidelines Section 15064.7(c)).

Consistency with Qualified Greenhouse Reduction Strategy

The BAAQMD recommends the following thresholds of significance for evaluation of GHG emissions from projects other than stationary sources (BAAQMD, 2017b):

- Mass emissions threshold of 1,100 $MTCO_2e$/year, or
- Emission efficiency metric threshold of 4.6 $MTCO_2e$ per service population per year ($MTCO_2e$/SP/year), or
- Compliance with a qualified GHG Reduction Strategy.

The 1,100 $MTCO_2e$/year and 4.6 $MTCO_2e$/year/SP are thresholds that the BAAQMD has recommended to achieve the AB 32 GHG emission reduction targets for 2020. The State's 2020 GHG targets are superseded by the 2030 GHG targets established in SB 32, which requires that statewide GHG emissions be reduced to 40 percent below the 1990 level by 2030. The BAAQMD has not yet updated its mass emissions and emission efficiency metric thresholds to address SB 32. Therefore, the analysis presented below relies on a qualitative evaluation of the SJCC FMP's compliance with a qualified GHG Reduction Strategy to evaluate impacts.

A qualified GHG Reduction Strategy is one that is consistent with the measures and goals in the most recent CARB Scoping Plan to achieve the GHG reduction goals established at the state level. GHG Reduction Strategies with horizon years beyond 2020 are required to consider continuing the downward reduction path set by AB 32 and SB 32 and move toward climate stabilization goals established in Executive Order S-3-05. A qualified GHG Reduction Strategy adopted by a local jurisdiction should include the following elements as described in the State CEQA Guidelines Section 15183.5:

- Quantify GHG emissions, both existing and projected over a specified time period, resulting from activities within a defined geographic area
- Establish a level, based on substantial evidence, below which the contribution to GHG emissions from activities covered by the plan would not be cumulatively considerable;
- Identify and analyze the GHG emissions resulting from specific actions or categories of actions anticipated within the geographic area;
- Specify measures or a group of measures, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level;
- Establish a mechanism to monitor the plan's progress toward achieving the level and to require amendment if the plan is not achieving specified levels; and
- Be adopted in a public process following environmental review.

The BAAQMD recognizes that careful upfront planning by local agencies is invaluable to achieving the state's GHG reduction goals and encourages local governments to adopt qualified GHG Reduction Strategies. Section 15183.5 of the State CEQA Guidelines allows tiering and streamlining the analysis of GHG emissions by lead agencies to analyze and mitigate the significant effects of GHG emissions at a programmatic level, such as in a general plan, a long range development plan, or a separate plan to reduce GHG emissions. Later project-specific environmental documents may tier from and/or incorporate by reference the existing programmatic review. Compliance with a qualified GHG Reduction Strategy would provide the evidentiary basis for making CEQA findings that development consistent with the GHG Reduction Strategy would result in feasible, measureable, and verifiable GHG reductions consistent with broader State goals and ensure that projects approved under qualified GHG Reduction Strategies would achieve their fair share of GHG emission reductions. Therefore, if a project is located in a community with an adopted qualified GHG Reduction Strategy and is consistent with the Qualified GHG Reduction Strategy, it can be presumed that the project will not have significant GHG emission impacts. A project must demonstrate its consistency by identifying and implementing all applicable feasible measures and policies from the GHG Reduction Strategy into the project. This approach is consistent with CEQA Guidelines Sections 15064(h)(3) and 15183.5(b), which provides that a "*lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program which provides specific requirements that will avoid or substantially lessen the cumulative problem.*"

The City of San José's recently adopted 2030 GHGRS, which presents the City's comprehensive path to reduce GHG emissions to achieve the 2030 reduction target, based on SB 32, BAAQMD, and OPR. Consistent with CEQA Guidelines Section 15183.5 discussed above, the City's 2030 GHGRS represents San José's qualified climate action plan in compliance with CEQA. The City has prepared a GHGRS Compliance Checklist (Checklist) in order to implement GHG reduction strategies from the 2030 GHGRS and provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to CEQA.

Given absence of updated guidance or established targets by the BAAQMD and the District for SB 32, GHG impacts of the SJCC FMP are examined by evaluating its consistency with the City's 2030 GHGRS, which is consistent with SB 32. The SJCC campus is located within the City of San José and emissions from the campus are included in the baseline 2017 and projected 2030 emissions inventories for the City. Therefore, the City's 2030 GHGRS represents an appropriate qualified GHG Reduction Strategy for the SJCC FMP for CEQA compliance under Section 15183.5. Consequently, for purposes of this EIR, a significant impact is identified if the SJCC FMP is not consistent with the GHG reduction strategies identified in the 2030 GHGRS and included in the Checklist and hence be inconsistent with the 2030 GHGRS.

Consistency with Plans

According to the second GHG significance criterion, a significant impact would occur if the proposed SJCC FMP would conflict with applicable regulations, plans, and policies that were adopted to reduce GHG emissions that contribute to global climate change. As discussed in the Regulatory Setting, several plans and policies are in place to help the City, the Bay Area and the State reduce GHG emissions consistent with the State's emission reduction targets for 2030 and 2050. Consistency with the City's 2030 GHGRS discussed above would also ensure that the SJCC FMP is consistent with the District's Climate Change and Sustainability Resolution and Policy, the City's 2030 GHGRS and Climate Smart San José, the BAAQMD's 2017 Clean Air Plan and CARB's 2017 Scoping Plan Update.

Methodology

GHG emissions and global climate change represent cumulative impacts from human activities and development projects locally, regionally, statewide, nationally, and worldwide. GHG emissions from all of these sources cumulatively contribute to the significant adverse environmental impacts of global climate change. No single project could generate enough GHG emissions to noticeably change the global average temperature; instead, the combination of GHG emissions from past, present, and future projects around the world have contributed and will continue to contribute to global climate change and its associated environmental impacts.

The methodology for the evaluation of GHG impacts follows a qualitative consistency determination of the SJCC FMP with the City's 2030 GHGRS Checklist. Therefore, GHG impacts with respect to both GHG significance criteria listed above are addressed together. This evaluation is considered in a cumulative context, and because the analysis of GHG emissions is only relevant in a cumulative context, a project-specific impact assessment is not required. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's

incremental contribution to a cumulative GHG impact may be determined not to be cumulatively considerable if it is consistent with the requirements of the GHGRS.

Impacts and Mitigation Measures

Impact 3.4-1: Construction and operation of development proposed under the SJCC FMP could generate GHG emissions, either directly or indirectly, that could conflict with applicable plans, policies, or regulations adopted for the purpose of reducing the emissions of GHGs and lead to a significant impact on the environment. (*Less than Significant with Mitigation*)

As discussed above, the SJCC campus is located within the City of San Jose and is a contributor to both the baseline and projected citywide emission inventories included in the City's 2030 GHGRS that form the basis of GHG reduction planning consistent with SB 32. Therefore, the City's 2030 GHGRS is an appropriate qualified GHG Reduction Strategy to evaluate consistency of the SJCC FMP and streamline the CEQA analysis as allowed by Section 15183.5 of the State CEQA Guidelines. The City requires discretionary projects within its jurisdiction to complete Section A, General Plan Policy Conformance and Section B, GHG Reduction Strategies of the Checklist. Projects that propose alternative GHG mitigation measures must also complete Section C, Alternative Project Measures and Additional GHG Reductions.

As discussed above, since District is electing to use the City's GHGRS to assess the SJCC consistency with a qualified GHG Reduction Strategy, **Table 3.4-5** shows the SJCC FMP's consistency with the City's General Plan policies, and **Table 3.4-6** shows a consistency determination with GHG reduction strategies from the Checklist. The tables explain if and how the SJCC FMP would be consistent with the applicable policies and strategies of Sections A and B of the Checklist.

In addition, the City's 2030 GHGRS identifies seven strategies to reduce GHG emissions to achieve the 2030 target. These strategies span a variety of topic areas including energy, building, land use and transportation, water, and waste. Table 3.4-6 lists the seven strategies and discusses applicability and consistency of the SJCC FMP with each.

As shown in Table 3.4-5 and 3.4-6, with the implementation of mitigation measures identified, the SJCC FMP would be consistent with the City of San José's 2030 GHGRS Checklist.

Consistency with the California Community Colleges Climate Change and Sustainability Resolution and Policy

As discussed in the Regulatory Setting, the Board of Governors of the California Community Colleges adopted the *Climate Change and Sustainability Resolution and Policy* in January 2020. Based on Resolution 101320-6 adopted by the District, it affirms and commits to pursuing the climate change and sustainability goals of the *Climate Change and Sustainability Resolution and Policy*.

TABLE 3.4-5
SJCC FMP CONSISTENCY WITH CITY OF SAN JOSÉ 2030 GHGRS CHECKLIST

General Plan Policy	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Policy?
Section A. General Plan Policy Conformance		
1. Consistency with the Land Use/Transportation Diagram (Land Use and Density)		
Is the proposed Project consistent with the Land Use/ Transportation Diagram?	The SJCC FMP would occur within the boundaries of the SJCC campus, and proposed uses would be consistent with those land uses specified the Land Use/Transportation Diagram.	Yes
2. Implementation of Green Building Measures		
MS-2.2: Encourage maximized use of on-site generation of renewable energy for all new and existing buildings.	The SJCC FMP does not propose installation of on-site renewable energy generation systems. Mitigation Measure 3.4-1c identifies that as feasible, on-site photovoltaic systems be installed at the SJCC campus to reduce the total energy needs of the new construction buildings as indicated in Mitigation Measure 3.4-1b.	Yes, with implementation of Mitigation Measure 3.4-1c.
MS-2.3: Encourage consideration of solar orientation, including building placement, landscaping, design and construction techniques for new construction to minimize energy consumption.	The SJCC FMP proposes improvements to an existing, fully developed site. New facilities are proposed to be constructed in place of existing buildings that would be demolished, that would limit the flexibility to orient buildings to maximize solar energy. The new CTE building is proposed to be built as a Zero Net Energy building relying entirely on carbon-free electricity and no natural gas infrastructure. Mitigation Measure 3.4-1f identifies that new buildings and major renovations to be constructed to achieve LEED Silver or equivalent rating. In addition, implementation of Mitigation Measures 3.4-1h and 3.4-1i identify that project design include ways to maximize use of sustainable products and services in construction and operation of the campus and include measures to reduce water use and encourage use of recycle water. These measures would also serve to reduce associated energy use and GHG emissions.	Yes, with implementation of Mitigation Measures 3.4-1f, 3.4-1h and 3.4-1i.
MS-2.7: Encourage the installation of solar panels or other clean energy power generation sources over parking areas.	The SJCC FMP does not propose installation of on-site renewable energy generation systems. Mitigation Measure 3.4-1c identifies that as feasible, on-site photovoltaic systems be installed at the SJCC campus to reduce the total energy needs of the new construction buildings as indicated in Mitigation Measure 3.4-1b.	Yes, with implementation of Mitigation Measure 3.4-1c.
MS-2.11: Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g., orienting buildings on sites to maximize the effectiveness of passive solar design).	The SJCC FMP proposes improvements to an existing, fully developed site. New facilities are proposed to be constructed in place of existing buildings that would be demolished that would limit the flexibility to orient buildings to maximize solar energy. The new CTE building is proposed to be built as a Zero Net Energy building relying entirely on carbon-free electricity and no natural gas infrastructure. Mitigation Measure 3.4-1f identifies that new buildings and major renovations to be constructed to achieve LEED Silver or equivalent rating. In addition, implementation of Mitigation Measures 3.4-1h and 3.4-1i identify that project design include ways to maximize use of sustainable products and services in construction and operation of the campus and include measures to reduce water use and encourage use of recycle water. These measures would also serve to reduce associated energy use and GHG emissions.	Yes, with implementation of Mitigation Measures 3.4-1f, 3.4-1h and 3.4-1i.
MS-16.2: Promote neighborhood-based distributed clean/renewable energy generation to improve local energy security and to reduce the amount of energy wasted in transmitting electricity over long distances.	Electricity to the SJCC campus is currently provided by San Jose Clean Energy's (SJCE) through PG&E infrastructure. SJCE is a Community Choice Program organized under California law. Community choice aggregation programs, known as CCA's, enable local governments to enroll their jurisdictions under a single energy supplier. CCAs also allow jurisdictions to support local supply that matches their values and regional needs and reduce their reliance on national or global energy markets.	Yes

TABLE 3.4-5
SJCC FMP CONSISTENCY WITH CITY OF SAN JOSÉ 2030 GHGRS CHECKLIST

General Plan Policy	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Policy?
Section A. General Plan Policy Conformance (cont.)		
3. Pedestrian, Bicycle and Transit Site Design Measures		
CD-2.1: Promote the Circulation Goals and Policies in the Envision San José 2040 General Plan. Create streets that promote pedestrian and bicycle transportation by following applicable goals and policies in the Circulation section of the Envision San José 2040 General Plan.	The SJCC FMP involves development only within the existing SJCC campus and would not affect the existing street network, pedestrian and bicycle facilities outside the campus boundary.	Not applicable
a. Design the street network for its safe shared use by pedestrians, bicyclists, and vehicles. Include elements that increase driver awareness.	The SJCC FMP involves development only within the existing SJCC campus and would not affect the existing street network, pedestrian and bicycle facilities outside the campus boundary.	Not applicable
b. Create a comfortable and safe pedestrian environment by implementing wider sidewalks, shade structures, attractive street furniture, street trees, reduced traffic speeds, pedestrian-oriented lighting, mid-block pedestrian crossings, pedestrian-activated crossing lights, bulb-outs and curb extensions at intersections, and on-street parking that buffers pedestrians from vehicles.	The SJCC FMP involves development only within the SJCC campus and would not affect the existing street network, pedestrian and bicycle facilities outside the campus boundary.	Not applicable
c. Consider support for reduced parking requirements, alternative parking arrangements, and Transportation Demand Management strategies to reduce area dedicated to parking and increase area dedicated to employment, housing, parks, public art, or other amenities. Encourage de-coupled parking to ensure that the value and cost of parking are considered in real estate and business transactions.	Mitigation Measures 3.4-1j identifies implementation of TDM measures to reduce automobile trips to the campus by encouraging the use of alternative modes of transportation. The SJCC FMP would incrementally add parking on-campus, however, this would be to address an existing parking shortfall issue.	Yes
CD-2.5: Integrate Green Building Goals and Policies of the Envision San José 2040 General Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of storm water treatment measures, appropriate building orientations, etc.	Through the implementation of Mitigation Measures 3.4-1a through 3.4-1i, the SJCC FMP will incorporate green building measures as part of project design and operation, as feasible.	Yes, with the implementation of Mitigation Measures 3.4-1a through 3.4-1i.

TABLE 3.4-5
SJCC FMP CONSISTENCY WITH CITY OF SAN JOSÉ 2030 GHGRS CHECKLIST

General Plan Policy	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Policy?
Section A. General Plan Policy Conformance (cont.)		
3. Pedestrian, Bicycle and Transit Site Design Measures (cont.)		
CD-2.11: Within the Downtown and Urban Village Overlay areas, consistent with the minimum density requirements of the pertaining Land Use/Transportation Diagram designation, avoid the construction of surface parking lots except as an interim use, so that long-term development of the site will result in a cohesive urban form. In these areas, whenever possible, use structured parking, rather than surface parking, to fulfill parking requirements. Encourage the incorporation of alternative uses, such as parks, above parking structures.	This policy is not applicable to the SJCC FMP as the SJCC campus is not located within the Downtown and Urban Village Overlay areas.	Not applicable
CD-3.2: Prioritize pedestrian and bicycle connections to transit, community facilities (including schools), commercial areas, and other areas serving daily needs. Ensure that the design of new facilities can accommodate significant anticipated future increases in bicycle and pedestrian activity.	The SJCC campus is served by existing bike facilities on South Bascom Avenue, Leigh Avenue, and Parkmoor Avenue, The *San José Better Bike Plan 2025,* which the city is currently developing, is considering protected bike lanes on South Bascom Avenue, Moorpark Avenue, and Leigh Avenue, which would provide direct access to the campus. The existing and proposed network of bicycle facilities provide good connectivity to the residential neighborhoods near the SJCC campus. The SJCC FMP would not remove any existing bicycle facilities, nor would it conflict with any adopted plans or policies for new bicycle facilities. The SJCC FMP includes several on-site improvements to improve pedestrian safety. The proposed internal perimeter loop would include a bicycle lane to create a dedicated path for bicyclists to access all parts of the campus.	Yes
CD-3.4: Encourage pedestrian cross-access connections between adjacent properties and require pedestrian and bicycle connections to streets and other public spaces, with particular attention and priority given to providing convenient access to transit facilities. Provide pedestrian and vehicular connections with cross-access easements within and between new and existing developments to encourage walking and minimize interruptions by parking areas and curb cuts.	The SJCE campus is located on the block bounded by Leigh Avenue to the east, Moorpark Avenue to the north, South Bascom Avenue to the west and residential neighborhoods to the south. As discussed above, the campus is served by existing bicycle facilities and will also benefit from future protected bike lanes proposed as part of the *San José Better Bike Plan 2025,* which would provide direct access to the campus. The existing and proposed network of bicycle facilities provide good connectivity to the residential neighborhoods and transit stops near the SJCC campus. The SJCC FMP would not remove any existing bicycle facilities, nor would it conflict with any adopted plans or policies for new bicycle facilities. In addition, the SJCC FMP includes several on-site improvements to improve bicycle and pedestrian mobility and safety.	Yes
LU-3.5: Balance the need for parking to support a thriving Downtown with the need to minimize the impacts of parking upon a vibrant pedestrian and transit oriented urban environment. Provide for the needs of bicyclists and pedestrians, including adequate bicycle parking areas and design measures to promote bicyclist and pedestrian safety.	The SJCC campus is not located within the City's Downtown area.	Not applicable

TABLE 3.4-5
SJCC FMP CONSISTENCY WITH CITY OF SAN JOSÉ 2030 GHGRS CHECKLIST

General Plan Policy	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Policy?
Section A. General Plan Policy Conformance (cont.)		
3. Pedestrian, Bicycle and Transit Site Design Measures (cont.)		
TR-2.8: Require new development to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/ paths, or share in the cost of improvements.	Mitigation Measure 3.4-1j identifies the provision of secure bicycle parking facilities as part of the TDM program. The campus is already served by existing bicycle facilities and will also benefit from future improvements proposed as part of the *San José Better Bike Plan 2025,* to provide direct access to the campus. In addition, the SJCC FMP includes several on-site improvements to improve bicycle and pedestrian mobility and safety.	Yes
TR-7.1: Require large employers to develop TDM programs to reduce the vehicle trips and vehicle miles generated by their employees through the use of shuttles, provision for car sharing, bicycle sharing, carpool, parking strategies, transit incentives and other measures.	Mitigation Measure 3.4-1j identifies a number of potential TDM measures to encourage use of alternative modes of transportation to driving.	Yes, with the implementation of Mitigation Measure 3.4-1j.
TR-8.5: Promote participation in car share programs to minimize the need for parking spaces in new and existing development.	Mitigation Measure 3.4-1j identifies potential measures, including providing assistance with trip planning and ride share coordination, dedicated parking and curbside pickup areas for rideshare vehicles to reduce the demand for new parking spaces.	Yes, with the implementation of Mitigation Measure 3.4-1j.
4. Water Conservation and Urban Forestry Measures		
MS-3.1: Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial and developer-installed residential development unless for recreation needs or other area functions.	Landscaping proposed as part of the SJCC FMP would comply with the State's Model Water Efficient Landscape Ordinance which is implemented as part of building code related to landscape design and installation.	Yes
MS-3.2: Promote the use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.	Implementation of Mitigation Measure 3.4-1i would help reduce depletion of potable water supply by encouraging measures to conserve water, throughout the campus, and promote the use of reclaimed or recycled water for all non-potable demands, as feasible.	Yes, with implementation of Mitigation Measure 3.4-1i.
MS-19.4: Require the use of recycled water wherever feasible and cost-effective to serve existing and new development.	Mitigation Measure 3.4-1i identifies use of recycled water for all non-potable demands such as toilet flushing, irrigation, and cooling, as feasible.	Yes, with implementation of Mitigation Measure 3.4-1i.

TABLE 3.4-5
SJCC FMP CONSISTENCY WITH CITY OF SAN JOSÉ 2030 GHGRS CHECKLIST

General Plan Policy	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Policy?
Section A. General Plan Policy Conformance (cont.)		
4. Water Conservation and Urban Forestry Measures (cont.)		
MS-21.3: Ensure that San José's Community Forest is comprised of species that have low water requirements and are well adapted to its Mediterranean climate. Select and plant diverse species to prevent monocultures that are vulnerable to pest invasions. Furthermore, consider the appropriate placement of tree species and their lifespan to ensure the perpetuation of the Community Forest.	The SJCC campus is a fully developed site and vegetation on-campus is in the form of existing landscaping. The SJCC FMP proposes development of a hierarchy of open spaces, ranging from large, active, formal and informal gathering spaces to smaller, intimate, and purpose-built spaces, all of which would include improved landscaping. Mitigation Measure 3.4-1i identifies use of plant species with low water needs to reduce water use associated with landscaping maintenance.	Yes, with the implementation of Mitigation Measure 3.4-1i.
MS-26.1: As a condition of new development, require the planting and maintenance of both street trees and trees on private property to achieve a level of tree coverage in compliance with and that implements City laws, policies or guidelines.	The SJCC campus is a fully developed site. Implementation of the SJCC FMP would not substantially affect the tree coverage on- or off-campus.	Not applicable
ER-8.7: Encourage storm water reuse for beneficial uses in existing infrastructure and future development through the installation of rain barrels, cisterns, or other water storage and reuse facilities.	The SJCC FMP would be consistent with this policy with the implementation of Mitigation measure 3.4-1i, which identifies reuse of storm water for beneficial uses on-campus to the extent feasible.	Yes, with the implementation of Mitigation Measure 3.4-1i.

SOURCE: Table complied by Environmental Science Associates in 2021 based on City of San José, 2020.

TABLE 3.4-6
SJCC FMP CONSISTENCY WITH THE
CITY OF SAN JOSÉ 2030 GREENHOUSE GAS REDUCTION STRATEGIES

Strategy	Performance Standard	Existing or Proposed Implementation Mechanism	SJCC FMP Consistent with Strategy?
GHGRS 1 – San José Clean Energy	98 percent participation in San José Clean Energy with 100 percent carbon-free energy sources by 2030	Energy to the campus is currently provided by PG&E. Mitigation Measures 3.4-1a identifies that electricity used at the campus be provided from carbon-free renewable sources to the extent feasible.	Yes, with implementation of Mitigation Measure 3.4-1a.
GHGRS 2 – Zero Net Carbon Residential Construction	50 percent of all new residential construction from 2020-2030 will achieve zero net carbon use	The SJCC FMP would not include any residential uses and hence this strategy would not apply.	Not applicable
GHGRS 3 – Renewable Energy Development	472.1 net new MW of solar photovoltaics installed 2017-2030	Mitigation Measure 3.4-1c identifies that as feasible, on-site photovoltaic systems be installed at the SJCC campus to reduce the total energy needs of the new construction buildings as indicated in Mitigation Measure 3.4-1b.	Yes, with implementation of Mitigation Measure 3.4-1c.
GHGRS 4 – Existing Buildings Retrofits – Natural Gas	3 percent reduction citywide in natural gas use below 2017 levels	Mitigation Measure 3.4-1b identifies that as feasible, new buildings be constructed as Zero Net Energy.	Yes, with implementation of Mitigation Measure 3.4-1b.
GHGRS 5 – Zero Waste Goal	90 percent of waste diverted from landfills in 2030	Mitigation Measure 3.4-1g identifies a Solid Waste Reduction Plan be developed and implemented to divert 90 percent of waste generated at the campus from landfills by 2030.	Yes, with implementation of Mitigation Measure 3.4-1g.
GHGRS 6 – Caltrain Modernization Project	75 percent of diesel trains converted to electric power; reduction of approximately 33,000 daily VMT in San José from increased Caltrain ridership	This strategy is not applicable at a project level.	Not applicable
GHGRS 7 – Water Conservation	107 million gallons per day (MGD) water consumption in 2030	Mitigation Measure 3.4-1i identifies measures to conserve water use on campus.	Yes, with implementation of Mitigation Measure 3.4-1i.

SOURCE: Table complied by Environmental Science Associates in 2021 based on City of San José, 2020.

The SJCC FMP proposes to build the new CTE building as a Zero Net Energy building relying entirely on electricity. The other proposed buildings and facilities under the SJCC FMP do not include features that would ensure consistency with this goal. However, several mitigation measures identified in this section would ensure consistency with the goals of the *Climate Change and Sustainability Resolution and Policy* for California Community Colleges as shown in **Table 3.4-7**.

TABLE 3.4-7
SJCC FMP CONSISTENCY WITH GOALS OF THE BOARD OF GOVERNORS OF THE CALIFORNIA COMMUNITY COLLEGES CLIMATE CHANGE AND SUSTAINABILITY RESOLUTION AND POLICY

Goal (by 2030)	SJCC FMP Consistency
1. Reduce GHG emissions to 40 percent below 1990 levels	Reduce GHG emissions to 40 percent below 1990 levels
2. Increase renewable energy consumption to 50 percent	Consistent, with implementation of Mitigation Measures 3.4-1a and 3.4-1c.
3. 50 percent of fleet vehicles are zero-emission vehicles	Consistent, with implementation of Mitigation Measure 3.4-1d.
4. 100 percent of all new buildings and major renovations will be constructed as Zero Net Energy	Consistent, with implementation of Mitigation Measure 3.4-1b.
5. 100 percent of all new buildings and major renovations will achieve at least a LEED "Silver" or equivalent rating	Consistent, with implementation of Mitigation Measure 3.4-1f.
6. Increase procurement of sustainable products and services by 25 percent compared to existing levels	Consistent, with implementation of Mitigation Measure 3.4-1h.
7. Reduce municipal solid waste by 50 percent compared to current levels	Consistent, with implementation of Mitigation Measure 3.4-1g.

SOURCE: Table compiled by ESA in 2021.

Consistency with Other Plans and Policies

As noted earlier, CARB's 2017 Scoping Plan Update describes how the State plans to achieve the 2030 GHG emission reduction goal for California of 40 percent below 1990 levels by 2030 as mandated by SB 32. By virtue of the SJCC FMP being consistent with the City's 2030 GHGRS with the implementation of Mitigation Measures 3.4-1a through 3.4-1j, the SJCC FMP would also ensure consistency with CARB's 2017 Scoping Plan Update and with Executive Order S-3-05, which establishes a goal of reducing California's GHG emissions to 80 percent below the 1990 level by the year 2050.

Consistency of the SJCC FMP with respect to the BAAQMD 2017 Clean Air Plan is discussed under Impact 3.1-1 of Section 3.1, *Air Quality*. The analysis found that the SJCC FMP would be consistent with the 2017 Clean Air Plan with the implementation of Mitigation Measures 3.1-2 and 3.1-3 along with GHG Mitigation Measure 3.4-1e.

Implementation of Mitigation Measure 3.4-1f would ensure that the SJCC FMP would surpass regulatory requirements set forth in the Title 24 building standards. While these standards address energy conservation, they would also result in a reduction of GHG emissions associated with energy use.

The SJCC FMP would be consistent with *Plan Bay Area 2040*, which includes the Regional Transportation Plan, and was adopted as the Bay Area's Sustainable Communities Strategy pursuant to California Senate Bill 375. *Plan Bay Area 2040*'s core strategy is encouraging growth in existing communities along the existing transportation network, focusing new development in PDAs and TPAs within urbanized centers where there is more public transit and other mobility options available to reduce driving by cars and light trucks. Though not located within a PDA or a TPA, the SJCC campus is well served by transit services through VTA and includes three local bus routes, one rapid bus route, one express bus route, and one light rail train (LRT) route. The closest bus stop to the SJCC campus is located on South Bascom Avenue at Renova Drive, and is served by VTA bus routes 25 and 61. Leigh Avenue also has several bus stops present near the east campus boundary.

As detailed in Section 3.6, *Transportation*, though the implementation of the SJCC FMP would result in an increase in vehicle trips to the campus, the location of the SJCC campus in an area with access to a variety of transit options would result in a reduction in VMT/student.

With implementation of mitigation measures identified below, the SJCC FMP would not generate GHG emissions, directly or indirectly, that would lead to a significant impact on the environment or conflict with local, regional and State-level efforts toward achieving GHG reduction targets for 2030 and 2050. This impact would be **less than significant with mitigation**.

> **Mitigation Measure 3.4-1a: Carbon-free Electricity.** To the extent feasible, electricity used at the campus shall be from renewable carbon-free energy sources (San José Clean Energy provides the option to choose the TotalGreen program that includes electricity generated entirely from renewable, carbon-free sources like solar and wind).
>
> **Mitigation Measure 3.4-1b:** As feasible, **construct new buildings as Zero Net Energy** with no natural gas infrastructure and relying entirely on carbon-free renewable electricity either purchased (see Mitigation Measure 3.4-1a) or generated onsite (see Mitigation Measure 3.4-1c).
>
> **Mitigation Measure 3.4-1c:** As feasible, **install on-site photovoltaic systems** on building rooftops and parking lots to reduce the total energy needs of the proposed new buildings.
>
> **Mitigation Measure 3.4-1d:** As feasible, **zero emission vehicles** shall constitute at least 25 percent of the operation and maintenance vehicle fleet at the campus by 2025 and increased to 50 percent of the fleet by 2030.
>
> **Mitigation Measure 3.4-1e: Electric Vehicle Charging.** As feasible, as part of project design, allocate at least 10 percent of all parking spaces to be equipped with electric vehicle (EV) charging equipment to promote the use of zero-emission vehicles and plug-in electric passenger vehicles.
>
> **Mitigation Measure 3.4-1f: LEED Certification**. As feasible, new buildings and major renovations shall be constructed to achieve LEED Silver or equivalent rating.
>
> **Mitigation Measure 3.4-1g: Solid Waste Reduction Plan.** The District shall develop and implement a Solid Waste Reduction Plan that evaluates and quantifies current solid waste

generation levels at the campus and proposes measures to reduce waste generation. The Solid Waste Reduction Plan shall aim to divert 90 percent of waste from landfills by 2030.

Mitigation Measure 3.4-1h: Use of Sustainable products and methods. Maximize use of sustainable products and services in construction and operation of the campus. The design team (architect/engineer) shall recommend building materials and methods with life cycles (manufacture, installation, maintenance, repair, and replacement) of reduced environmental impacts. Considerations shall also include energy efficiency, energy required in the manufacturing process, life cycle duration, and maintenance and replacement costs.

Mitigation Measure 3.4-1i: Water Conservation Measures. Project design shall implement measures to conserve water, including such measures to install controls to optimize irrigation water, reduce water usage in restrooms and showers, and promote the use of reclaimed water. The use of decorative fountains shall be minimized. If feasible, campus uses shall use recycled water for all non-potable demands identified such as toilet flushing, irrigation, and cooling. Irrigation water use for landscaping shall be minimized by using plant species that have low water requirements and are well adapted to San Jose's Mediterranean climate. To the extent feasible, storm water shall be reused for beneficial uses on-campus.

Mitigation Measure 3.4-1j: Implement Transportation Demand Management measures to reduce automobile trips to the campus by encouraging the use of alternative modes of transportation. As feasible, the TDM measures may include, but are not limited to, the following:

- Make available transit passes to staff and students to make transit an attractive, affordable mode of travel.
- Provide pre-tax commuter benefits for staff to exclude their transit or vanpooling expenses from taxable income or an alternate commuter benefit option consistent with the MTC/BAAQMD Commuter Benefits Program required for employers with 50 or more full-time employees.
- Use technology-based information, encouragement, and trip coordination services to encourage carpooling, transit, walking, and biking by staff and students. These can include third-party apps to distribute incentives to people who choose to use these modes.
- Provide dedicated parking for carpool and vanpool vehicles near building and garage entrances.
- Provide secure and convenient bicycle parking, such as lockers or secured bicycle rooms.
- Provide assistance in rideshare coordination, such as implementation of the 511 Regional Rideshare Program or equivalent, as recommended by the 2017 CAP.
- Dedicate curbside areas for passenger pickup by ride-hailing services, to minimize traffic intrusion and double-parking by rideshare vehicles.

Significance after Mitigation: Less than Significant. As shown in Tables 3.4-5 and 3.4-6, implementation of Mitigation Measures 3.4-1a through 3.4-1j would ensure

consistency of the SJCC FMP with applicable policies and strategies in the City' s 2030 GHGRS included as part of the City's Checklist. Compliance of the SJCC FMP with the City's 2030 GHGRS would result in a less than significant impact with respect to GHG emissions. This impact would be **less than significant with mitigation**.

Cumulative Impacts

Climate change is the cumulative effect of all natural and anthropogenic sources of GHGs accumulated on a global scale. The GHG emissions from an individual project, even a very large development project, would not individually generate sufficient GHG emissions to measurably influence global climate change, and thus the assessment of GHG emissions impacts is inherently cumulative. Consideration of a project's climate change impact, therefore, is essentially an analysis of a project's contribution to a cumulatively significant global impact through its emission of GHGs. While it is possible to examine the quantity of GHGs that would be emitted from individual project sources, it is not currently possible to link these GHGs emitted from a specific source or location to particular global climate changes.

Both BAAQMD and the CAPCOA consider GHG impacts to be exclusively cumulative impacts, in that no single project could, by itself, result in a substantial change in climate (BAAQMD, 2012; CAPCOA, 2008). Therefore, the evaluation of cumulative GHG impacts presented above evaluates whether the SJCC FMP would make a considerable contribution to cumulative climate change effects.

As such, the analysis in Impact 3.4-1 considers the potential cumulative impacts of FMP-related GHG emissions. Implementation of the SJCC FMP, including Mitigation Measures 3.4-1a through 3.4-1j, would reduce projected annual GHG emissions to a less than significant level. As such, the SJCC FMP's contribution to the cumulative GHG impact would not be cumulatively considerable.

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3.5 Noise

This section assesses the potential for the proposed SJCC FMP to result in significant adverse noise impacts or expose people or structures to vibration impacts, and identifies feasible mitigation measures to avoid or reduce potential adverse impacts. Potential impacts are discussed and evaluated, and appropriate mitigation measures are identified, as necessary.

3.5.1 Environmental Setting

Noise Principles and Descriptors

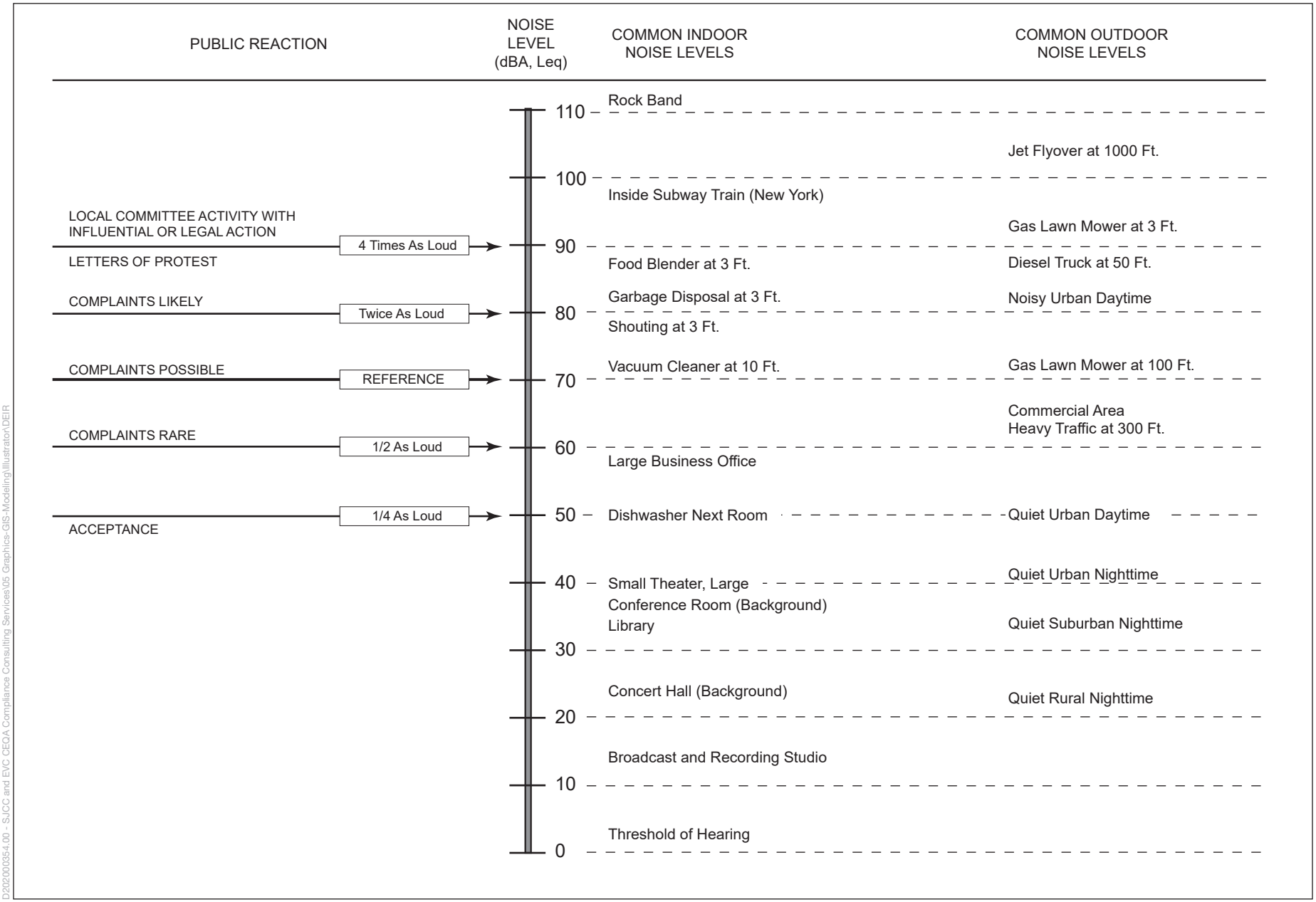
Noise is generally defined as unwanted sound. Sound, traveling in the form of waves from a source, exerts a sound pressure level (referred to as sound level) that is measured in decibels (dB), the standard unit of sound amplitude measurement. The dB scale is a logarithmic scale that describes the physical intensity of the pressure vibrations that make up any sound, with 0 dB corresponding roughly to the threshold of human hearing and 120 and 140 dB corresponding to the thresholds of feeling and pain, respectively. Pressure waves traveling through air exert a force registered by the human ear as sound.

Sound pressure fluctuations can be measured in units of hertz (Hz), which correspond to the frequency of a particular sound. Typically, sound does not consist of a single frequency, but rather a broad band of frequencies varying in levels of magnitude. When all audible frequencies of a sound are measured, a sound spectrum is plotted, consisting of a range of frequencies spanning 20 to 20,000 Hz. The sound pressure level, therefore, constitutes the additive force exerted by a sound corresponding to the sound frequency/sound power level spectrum.

The typical human ear is not equally sensitive to all frequencies of the audible sound spectrum. As a consequence, during the assessment of potential noise impacts, sound is measured using an electronic filter that deemphasizes frequencies below 1,000 Hz and above 5,000 Hz in a manner corresponding to the human ear's decreased sensitivity to extremely low and extremely high frequencies. This method of frequency weighting is referred to as A-weighting and is expressed in units of A-weighted decibels (dBA). A-weighting follows an international standard methodology for frequency de-emphasis and is typically applied to community noise measurements. **Figure 3.5-1** (Effects on Noise on People) shows some representative noise sources and their corresponding A-weighted noise levels. All noise levels presented in this report are A-weighted unless otherwise stated.

Noise Exposure and Community Noise

An individual's noise exposure is a measure of noise over a period of time. A noise level is a measure of noise at a given instant in time. The noise levels presented on Figure 3.5-1 are representative of measured noise at a given instant in time; however, these noise levels rarely persist consistently over a long period of time. Community noise is primarily the product of many distant noise sources, which constitute a relatively stable background noise exposure, with the individual contributors unidentifiable. The background noise level changes throughout a typical day, but does so gradually, corresponding with the addition and subtraction of distant noise



SOURCE: Caltrans Transportation Laboratory Noise Manual, 1982; and modification by ESA

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Figure 3.5-1
Effects of Noise on People

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sources such as traffic. What makes community noise variable throughout a day, besides the slowly changing background noise, is the addition of short-duration, single-event noise sources (e.g., aircraft flyovers, motor vehicles, sirens), which are readily identifiable to the individual.

These successive additions of sound to the community noise environment change the community noise level from instant to instant. Thus, noise exposure must be measured over a period of time to legitimately characterize a community's noise environment and evaluate cumulative noise impacts. This time-varying characteristic of environmental noise is described using statistical noise descriptors. The following are the most frequently used noise descriptors:

- **L_{eq}:** The equivalent-continuous sound level, also referred to as the "average sound level" is used to describe noise over a specified period of time in terms of a single numerical value. The L_{eq} of a time-varying signal and that of a steady signal are the same if they deliver the same acoustic energy over a given time.
- **L_{max}:** The maximum, instantaneous noise level experienced during a given period of time.
- **DNL:** The "day-night average noise level" (DNL) is the average A-weighted noise level during a 24-hour day that is obtained after 10 dBA are added to noise levels measured between 10 p.m. to 7 a.m. to account for nighttime noise sensitivity. DNL is the metric used by the Noise Element of the *Envision San José 2040 General Plan* (General Plan) for assessing the land use compatibility of non-aviation sources.
- **CNEL:** The community noise equivalent level. This is the average A-weighted noise level during a 24-hour day that is obtained after 5 dBA are added to noise levels measured between 7 and 10 p.m. and 10 dBA are added to noise levels between 10 p.m. and 7 a.m. to account for noise sensitivity in the evening and nighttime, respectively. The CNEL metric is reported as a number and is generally understood to be in terms of A-weighted decibels. The CNEL is the metric generally used for assessment of aircraft noise. The result is normally about 0.5 dBA higher than DNL using the same 24-hour data (Caltrans, 2013a).

Noise Attenuation

Stationary "point" sources of noise, including stationary mobile sources such as idling vehicles, attenuate (lessen) at a rate of 6 to 7.5 dBA per doubling of distance from the source, depending on the topography of the area and environmental conditions (e.g., atmospheric conditions and noise barriers, vegetative or manufactured). Widely distributed noise, such as that generated by a large industrial facility spread over many acres, or by a street with moving vehicles (known as a "line" source) would typically attenuate at a lower rate—approximately 3 to 4.5 dBA each time the distance doubles from the source, which also depends on environmental conditions (Caltrans, 2013a). Noise from large construction sites exhibits characteristics of both "point" and "line" sources, and attenuation will therefore generally range between 4.5 and 7.5 dBA with every doubling of distance.

Effects of Noise on People

Noise is generally loud, unpleasant, unexpected, or undesired sound that is typically associated with human activity that is a nuisance or disruptive. The effects of noise on people can be placed into four general categories:

- Subjective effects (e.g., dissatisfaction, annoyance)
- Interference effects (e.g., communication, sleep, and learning interference)
- Physiological effects (e.g., startle response)
- Physical effects (e.g., hearing loss)

Although exposure to high noise levels has been demonstrated to cause physical and physiological effects, the principal human responses to typical environmental noise exposure are related to subjective effects and interference with activities. Interference effects of environmental noise refer to those effects that interrupt daily activities and include interference with human communication activities, such as normal conversations, watching television, telephone conversations, and interference with sleep. Sleep interference effects can include both awakening and arousal to a lesser state of sleep. With regard to the subjective effects, the responses of individuals to similar noise events are diverse and are influenced by many factors, including the type of noise, the perceived importance of the noise, the appropriateness of the noise to the setting, the duration of the noise, the time of day and the type of activity during which the noise occurs, and individual noise sensitivity.

Overall, there is no completely satisfactory way to measure the subjective effects of noise, or the corresponding reactions of annoyance and dissatisfaction on people. A wide variation in individual thresholds of annoyance exists, and different tolerances to noise tend to develop based on an individual's past experiences with noise. Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted (i.e., comparison to the ambient noise environment). In general, the more a new noise level exceeds the previously existing ambient noise level, the less acceptable the new noise level will be judged by those hearing it. With regard to increases in A-weighted noise level, the following relationships generally occur (Caltrans, 2013a):

- Except in carefully controlled laboratory experiments, a change of 1 dB cannot be perceived.
- Outside of the laboratory, a 3 dB change in noise levels is considered barely perceivable.
- A change in noise levels of 5 dB is considered readily perceivable.
- A change in noise levels of 10 dB is subjectively heard as doubling of the perceived loudness.

These relationships occur in part because of the logarithmic nature of sound and the decibel system. The human ear perceives sound in a non-linear fashion; hence the decibel scale was developed. Because the decibel scale is based on logarithms, two noise sources do not combine in a simple additive fashion, but rather logarithmically. For example, if two identical noise sources produce noise levels of 50 dB, the combined sound level would be 53 dB, not 100 dB.

Fundamentals of Vibration

As described by the Federal Transit Administration (FTA) in the *Transit Noise and Vibration Impact Assessment* (FTA, 2018), groundborne vibration can be a serious concern for the neighbors of a transit system route or maintenance facility, which can cause buildings to shake and rumbling sounds to be heard. In contrast with airborne noise, groundborne vibration is not a common environmental problem. It is unusual for vibration from sources such as buses and trucks to be perceptible, even in locations close to major roads. Some common sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile driving, and operation of heavy earth-moving equipment.

Several different methods are used to quantify vibration. Peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal. PPV is most frequently used to describe the impacts of vibration on buildings. The root mean square (RMS) amplitude is most frequently used to describe the effect of vibration on the human body. The RMS amplitude is defined as the average of the squared amplitude of the signal. Decibel notation (in vibration decibels [VdB]) is commonly used to measure RMS.

The relationship of PPV to RMS velocity is expressed in terms of the "crest factor," defined as the ratio of the PPV amplitude to the RMS amplitude. Peak particle velocity is typically a factor of 1.7 to 6 times greater than RMS vibration velocity (FTA, 2018). The decibel notation acts to compress the range of numbers required to describe vibration.

Typically, groundborne vibration generated by human activity attenuates rapidly with distance from the source of the vibration. Sensitive receptors for vibration include structures (especially older masonry structures), people (especially residents, the elderly, and sick), and vibration-sensitive equipment.

The effects of groundborne vibration include movement of building floors, rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. In extreme cases, vibration can damage buildings. Building damage is not a factor for most projects, with the occasional exception of blasting and pile driving during construction. Annoyance from vibration often occurs when the vibration levels exceed the threshold of perception by only a small margin. A vibration level that causes annoyance will be well below the damage threshold for normal buildings. FTA's measure of the threshold of architectural damage for conventional sensitive structures is 0.2 inches per second (in/sec) PPV (FTA, 2018).

In residential areas, the background vibration velocity level is usually around 50 VdB (approximately 0.0013 in/sec PPV, with a crest factor of 4). This level is well below the vibration-velocity-level threshold of perception for humans, which is approximately 65 VdB. A vibration velocity level of 75 VdB is considered to be the approximate dividing line between barely perceptible and distinctly perceptible levels for many people (FTA, 2018).

Existing Ambient Noise Levels

The SJCC campus is located in central San José immediately south of Interstate 280 (I-280) and is bounded by Moorpark Avenue to the north; Rexford Way, Mansfield Drive, Kingman Avenue,

and Fruitdale Avenue to the south; Laswell Avenue and South Bascom Avenue to the west; and Leigh Avenue to the east.

In addition to on-campus activities, traffic on the surrounding roadway network primarily influences the local noise environment. I-280 is located to the north of the campus boundary and the I-280/Interstate 880/State Route (SR) 17 junction is located approximately 2,400 feet west of the campus. The Norman Y. Mineta San José International Airport (Airport) is located approximately 2.5 miles north of the northern site boundary. The SJCC campus is not located within the 65 dBA CNEL noise contour for 2019.[1]

The primary existing noise source both on campus and off campus is motor vehicle traffic. Principal vehicular traffic routes near the campus include I-280, Moorpark Avenue, South Bascom Avenue, Fruitdale Avenue, and Leigh Avenue. As I-280 is separated from the campus by Moorpark Avenue, and the I-280 freeway segment immediately adjacent to the campus is depressed by approximately 30 feet, traffic on South Bascom Avenue, Moorpark Avenue and Leigh Avenue are the dominant sources of noise on, and in the vicinity of, the campus. Stationary and area noise sources on the campus include parking lots, mechanical equipment such as air conditioners, ventilation systems, pool pumps, and operational activities, including landscape maintenance, pedestrian traffic, and delivery trucks.

The campus also generates noise periodically from on-site athletic events, community activities and fundraising activities at the existing stadium and athletic facilities in the eastern and southern portions of the campus. The football and track stadium is located in the eastern portion of the campus approximately 100 feet from Leigh Avenue. During events, noise is generated from sources such as the use of a public address (PA) system, people talking and yelling, occasional school bands, referees' whistles, etc. Based on a study of a comparable stadium in Southern California, background noise levels preceding a football game can average 55 to 60 dBA just outside of the stadium. During the game, noise levels averaged 60 to 65 dBA when the PA system was not in use, 65 to 75 dBA during the use of PA equipment, and 70 to 75 dBA during the playing of amplified music. Instantaneous noise levels of up to 80 dBA were measured during to the blowing of whistles (SJECCD, 2010).

A multi-use athletic field is located in the southeastern corner of the campus adjacent to Leigh Avenue. The field is used for Physical Education classes during the day, late afternoon soccer practice by youth leagues on Monday through Friday, and weekend youth soccer league games. Peak hour noise levels associated with this type of facility range from 44 dB to 53 dB Leq at 100 feet, while 24-hour noise levels associated with this type of facility range from 39 dB to 48 dB DNL at 100 feet (SJECCD, 2010).

Due to restrictions on travel and activity imposed in response to the ongoing COVID-19 pandemic, current ambient noise levels at and around the SJCC campus are not representative of typical noise levels in the area. There has been a reduction in noise at and around the campus due to reduced traffic, reduced commercial activity and temporary closure of the SJCC campus during

[1] The 2018 CNEL contours noise exposure map was published as part of the *Master Plan for Norman Y. Mineta San José International Airport*.

the pandemic. Therefore, noise monitoring was not conducted to establish baseline ambient noise levels. Instead, the analysis presented in this section relies on noise measurements collected in support of the District's SJCC 2025 Updated Facilities Master Plan Final EIR prepared in 2013 (SJECCD, 2013). Using this lower baseline noise level from 2013 would provide conservative results when estimating resultant increases in noise levels.

For the noise analysis in the SJCC 2025 Updated Facilities Master Plan Final EIR, ambient noise levels were monitored for 15-minute durations at six locations on and in the vicinity of the campus during the PM peak hours of 4:00 PM to 6:00 PM. These locations are identified on **Figure 3.5-2** (Noise Monitoring Locations). **Table 3.5-1** summarizes the measured average noise levels (L_{eq}).

TABLE 3.5-1
EXISTING NOISE ENVIRONMENTS IN THE SJCC CAMPUS VICINITY

Noise Measurement Location	Measured L_{eq} (dBA)
ST-1: Intersection of Moorpark Avenue and Leigh Avenue, near the Immanuel Lutheran Church	70.9
ST-2: 230 feet north of the Leigh Avenue and Kingman Avenue intersection along the eastern boundary of the campus	68.1
ST-3: Intersection of Kingman Avenue and Mansfield Drive	65.1
ST-4: Parking Lot E at the intersection of Kingman Avenue and Laswell Avenue	63.9
ST-5: On campus at the central green adjacent to the General Education buildings	71.0
ST-6: On campus at the Theater Building along the northern border of the campus	68.9

NOTES:
dBA = A-weighted decibels; L_{eq} = equivalent-continuous sound level

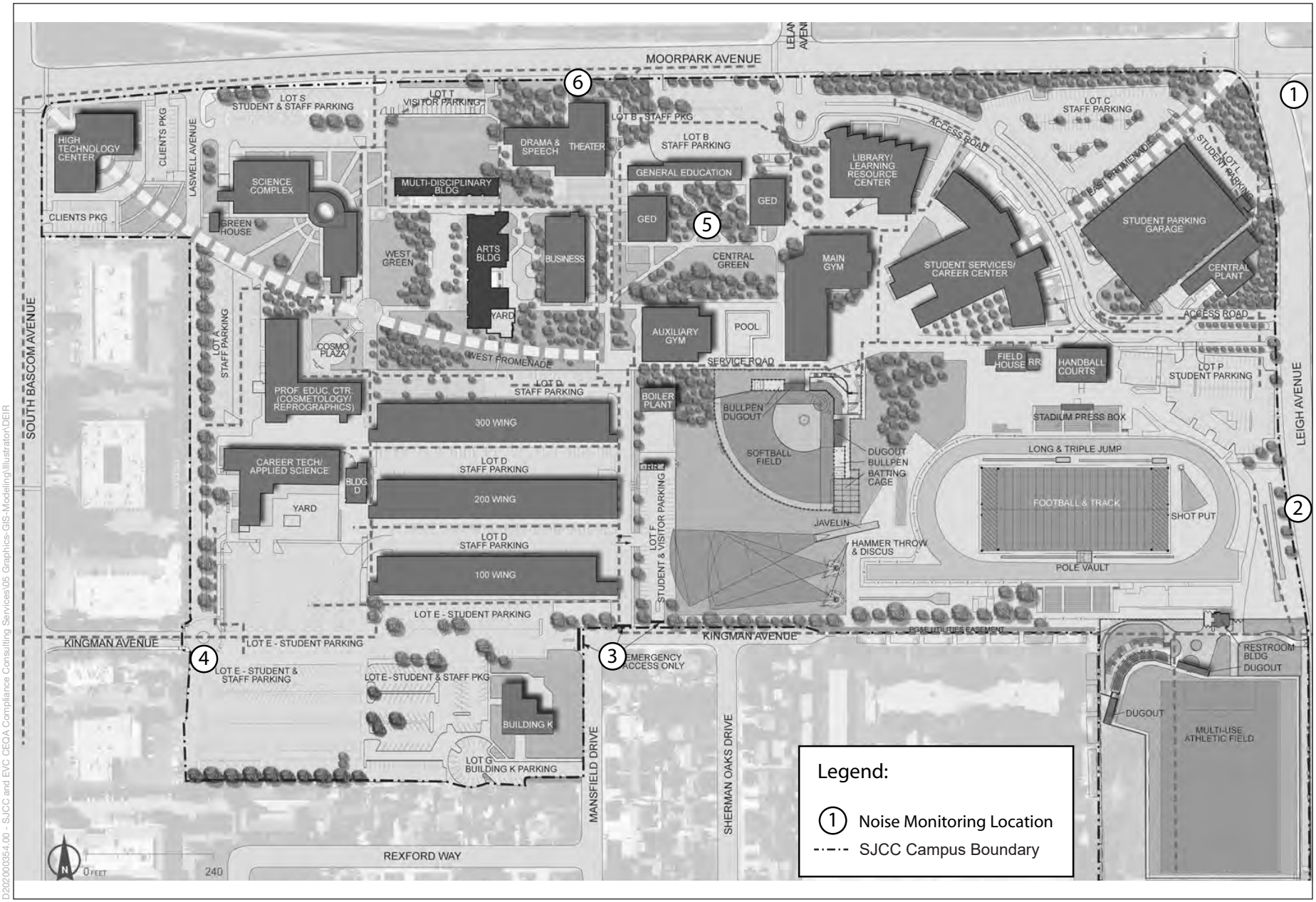
SOURCE: SJECCD, 2013.

Sensitive Receptors

Some land uses are considered more sensitive to noise levels than others because of the amount of noise exposure (in terms of both the duration of exposure and insulation from noise) and the types of activities typically involved. Residences, motels and hotels, schools, libraries, churches, hospitals, nursing homes, and auditoriums generally are more sensitive to noise than are commercial and industrial land uses.

SJCC is surrounded by sensitive receptors on all sides of the campus. The Santa Clara Valley Medical Center is located to the west across South Bascom Avenue; a residential neighborhood, senior housing, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280. Figure 2-2 of the *Project Description* shows the land uses in the SJCC campus vicinity. In addition, the users of the campus are also considered sensitive receptors.

Table 3.5-2 identifies the closest offsite sensitive receptors and their approximate distances to the campus buildings that would undergo either demolition, renovation or construction.



SOURCE: SJCC 2025 Facilities Master Plan, November, 2011

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Figure 3.5-2
Noise Monitoring Locations

TABLE 3.5-2
EXISTING OFF-SITE NOISE-SENSITIVE RECEPTORS IN THE VICINITY OF SJCC FMP BUILDINGS

Building	Nearest Sensitive Receptor	Distance to Nearest Offsite Residential Receptor[a] (feet)
Renovation		
Student Center (SC)	Residences to the south of Kingman Avenue	680
Technology Center (T)	Residences to the north along Parkmoor Avenue	520
Reprographics and Cosmetology (R & C)	Residences to the south of Kingman Avenue	680
Jaguar Student Development and Multi-cultural Center (JMC)	Residences to the south of Kingman Avenue	640
CTE 200 Building	Residences to the south of Kingman Avenue	175
Central Plant (CP)	Residences to the east along Richmond Avenue	325
Demolition		
Business Building (B)	Residences to the north along Parkmoor Avenue	650
General Education Buildings (GE)	Residences to the north along Parkmoor Avenue	550
Building 100	Residences to the south of Kingman Avenue	95
Applied Sciences Building D	Residences to the south of Kingman Avenue	530
New Construction		
Career Technology Education Building (CTE)	Residences to the south of Kingman Avenue	430
Child Development Center (CD)	Residences to the south along Mansfield Drive	50
General Education / Business Complex (GE)	Residences to the north along Parkmoor Avenue	540
Aquatic Center	Residences to the east of Leigh Avenue	190
Parking Structure	Residences to the south of Kingman Avenue	150

NOTES:
[a] Minimum distance is estimated at 25 feet because individual building setbacks have not yet been determined.

SOURCES: Data compiled by Environmental Science Associates in 2020; Google Earth (imagery date July 21, 2020) for parcel data (address and distance to the site).

In addition to the off-site receptors identified in Table 3.5-2, on-site campus buildings where learning would take place and the proposed Child Development Center are also considered sensitive to noise.

3.5.2 Regulatory Setting

Federal

Federal Noise Standards

The primary federal noise standards that directly regulate noise related to the operation of the proposed SJCC FMP pertain to noise exposure and workers. The U.S. Occupational Safety and Health Administration (OSHA) enforces regulations to safeguard the hearing of workers exposed to occupational noise. OSHA has established worker noise exposure limits that vary with the duration of the exposure and require that a hearing conservation program be implemented if employees are exposed to noise levels in excess of 85 dBA.

Federal regulations also establish noise limits for medium and heavy trucks (more than 4.5 tons, gross vehicle weight rating) under Code of Federal Regulations Title 40, Part 205, Subpart B. The federal truck pass-by noise standard is 80 dBA at 15 meters from the vehicle pathway centerline. These controls are implemented through regulatory controls on truck manufacturers.

Federal Transit Authority Vibration Standards

FTA has adopted vibration standards that are used to evaluate potential building damage impacts from construction activities. **Table 3.5-3** shows FTA's vibration damage criteria.

TABLE 3.5-3
CONSTRUCTION VIBRATION DAMAGE CRITERIA

Building Category	PPV (in/sec)
I. Reinforced concrete, steel, or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12

NOTES:
in/sec = inches per second; PPV = peak particle velocity

SOURCE: FTA, 2018.

In addition, FTA has adopted standards related to human annoyance for groundborne vibration impacts for the following three land use categories: Vibration Category 1, High Sensitivity; Vibration Category 2, Residential; and Vibration Category 3, Institutional. FTA defines these categories as follows:

- *Category 1:* Buildings where vibration would interfere with operations within the building, including vibration-sensitive research and manufacturing facilities, hospitals with vibration-sensitive equipment, and university research operations. Vibration-sensitive equipment includes, but is not limited to, electron microscopes, high-resolution lithographic equipment, and normal optical microscopes.
- *Category 2:* All residential land uses and any buildings where people sleep, such as hotels and hospitals.

- *Category 3:* Institutional land uses such as schools, churches, other institutions, and quiet offices that do not have vibration-sensitive equipment, but still have the potential for activity interference.

Under conditions where there is an infrequent number of events per day, FTA has established thresholds of 65 VdB for Category 1 buildings, 80 VdB for Category 2 buildings, and 83 VdB for Category 3 buildings.[2] Under conditions where there is an occasional number of events per day, FTA has established thresholds of 65 VdB for Category 1 buildings, 75 VdB for Category 2 buildings, and 78 VdB for Category 3 buildings.[3] No thresholds have been adopted or recommended for commercial and office uses.

State

California Department of Public Health Noise Standards

The California Department of Health Services has established guidelines for evaluating the compatibility of various land uses as a function of community noise exposure (Governor's Office of Planning and Research, 2017). **Table 3.5-4** shows these guidelines for land use and noise exposure compatibility. In addition, California Government Code Section 65302(f) requires each county and city in the state to prepare and adopt a comprehensive long-range general plan for its physical development. Section 65302(g) requires the general plan to include a noise element. The noise element must:

- Identify and appraise noise problems in the community;
- Recognize Office of Noise Control guidelines; and
- Analyze and quantify current and projected noise levels.

The State of California also establishes noise limits for vehicles licensed to operate on public roads. For heavy trucks, the state pass-by standard is consistent with the federal limit of 80 dBA. The State pass-by standard for light trucks and passenger cars (less than 4.5 tons, gross vehicle rating) is also 80 dBA at 15 meters from the centerline. These standards are implemented through controls on vehicle manufacturers and by legal sanction of vehicle operators by state and local law enforcement officials.

California Building Code

The California Building Code (CBC) requires that walls and floor/ceiling assemblies separating dwelling units from each other, or from public or service areas, have a sound transmission class[4] of 50 dB for all common interior walls and floor/ceiling assemblies between adjacent dwelling units, or between dwelling units and adjacent public areas for multifamily units and transient lodging. The code specifies a maximum interior performance standard of 45 dBA.

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2 FTA defines "infrequent events" as fewer than 30 vibration events of the same kind per day.

3 FTA defines "occasional events" as between 30 and 70 vibration events of the same source per day.

4 The sound transmission class is used as a measure of a material's ability to reduce sound. The sound transmission class is equal to the number of decibels a sound is reduced as it passes through a material.

TABLE 3.5-4
COMMUNITY NOISE EXPOSURE (DNL OR CNEL)

Land Use	Normally Acceptable[a]	Conditionally Acceptable[b]	Normally Unacceptable[c]	Clearly Unacceptable[d]
Single-Family Homes, Duplexes, Mobile Homes	50–60	55–70	70–75	above 75
Multifamily Homes	50–65	60–70	70–75	above 75
Schools, Libraries, Churches, Hospitals, Nursing Homes	50–70	60–70	70–80	above 80
Transient Lodging—Motels, Hotels	50–65	60–70	70–80	above 75
Auditoriums, Concert Halls, Amphitheaters	—	50–70	—	above 70
Sports Arenas, Outdoor Spectator Sports	—	50–75	—	above 75
Playgrounds, Neighborhood Parks	50–70	—	67–75	above 75
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50–75	—	70–80	above 80
Office Buildings, Business and Professional, Commercial	50–70	67–77	above 75	—
Industrial, Manufacturing, Utilities, Agriculture	50–75	70–80	above 75	—

NOTES:
CNEL = community noise equivalent level; DNL = day-night average noise level

[a] Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.

[b] Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.

[c] Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

[d] Clearly Unacceptable: New construction or development should generally not be undertaken.

SOURCE: Governor's Office of Planning and Research, 2017.

The State has also established noise insulation standards for new multifamily residential units, hotels, and motels that would be subject to relatively high levels of transportation-related noise. These requirements are collectively known as the California Noise Insulation Standards (California Code of Regulations, Title 24). The noise insulation standards set forth an interior standard of 45 dBA CNEL in any habitable room. They require an acoustical analysis demonstrating how dwelling units have been designed to meet this interior standard where such units are proposed in areas subject to noise levels greater than 60 dBA CNEL. Title 24 standards are typically enforced by local jurisdictions through the building permit application process.

State Vibration Standards

No state vibration standards are applicable to the proposed SJCC FMP. Moreover, according to the California Department of Transportation's (Caltrans) *Transportation and Construction Vibration Guidance Manual* (Caltrans, 2013b), there are no official Caltrans standards for vibration. However, this manual provides guidelines for assessing the potential for vibration damage to various types of buildings, ranging from 0.08 to 0.12 in/sec PPV for extremely fragile historic buildings, ruins, and ancient monuments to 0.50 to 2.0 in/sec PPV for modern industrial/commercial buildings.

Regional

Santa Clara County Airport Land Use Commission Comprehensive Land Use Plan

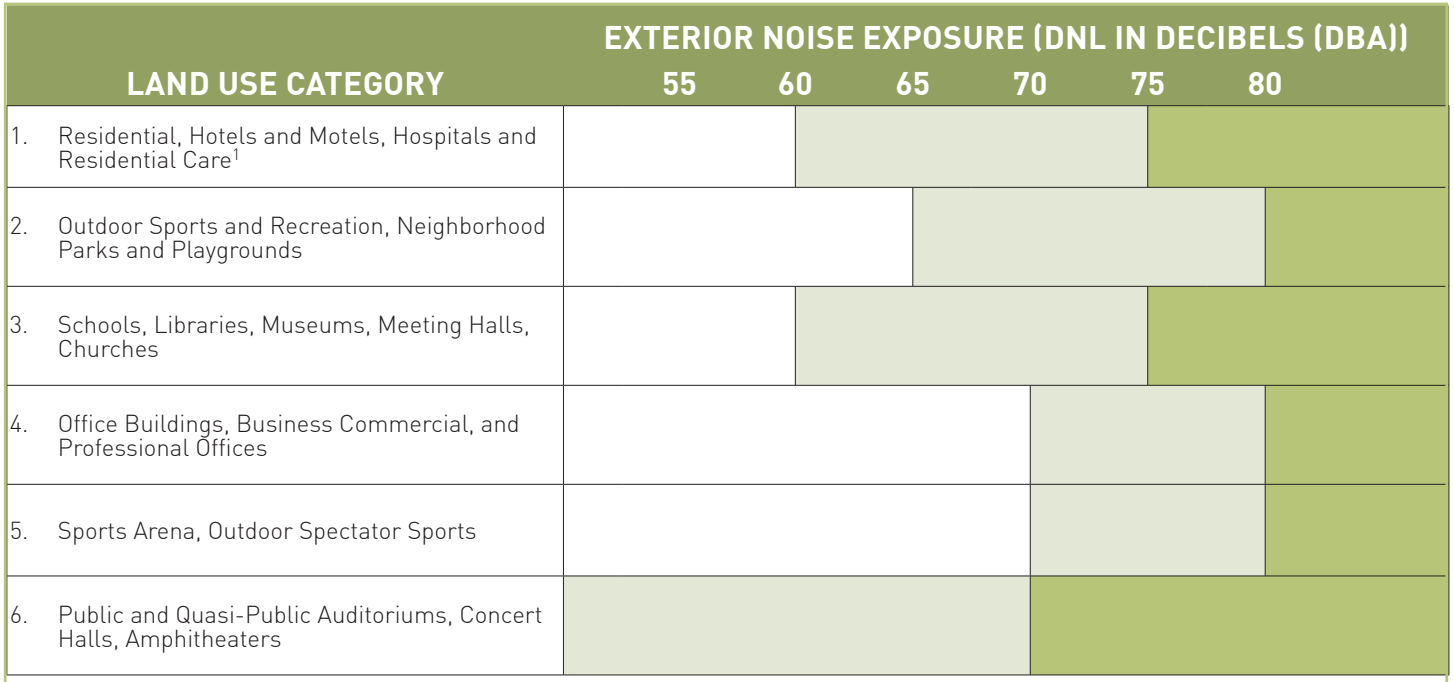
The SJCC campus is not located within the Airport Influence Area, as defined by the Norman Y. Mineta San José International Airport's Comprehensive Land Use Plan (CLUP), adopted by the Santa Clara County Airport Land Use Commission (ALUC) on May 25, 2011 (Santa Clara County ALUC, 2011). The Airport Influence Area includes areas around the Airport that are affected by noise, height, and safety considerations. The CLUP includes noise policies and standards for projects in the vicinity of the Airport, but would not apply to the SJCC FMP.

Envision San José 2040 General Plan

The District is the lead agency under CEQA. Therefore, General Plan policies would not apply to the SJCC FMP. However, the SJCC campus is located within the City of San José, with adjacent land uses that are likely to be subjected to noise impacts due to implementation of the proposed SJCC FMP. The externality of noise effects to the surrounding land uses is the basis for consideration of the City's noise policies and ordinances in this analysis.

The Environmental Considerations/Hazards chapter of the General Plan (City of San José, 2020) contains the following policies and actions regarding noise and vibration that are applied to the proposed SJCC FMP:

> **Goal EC-1: Community Noise Levels and Land Use Compatibility.** Minimize the impact of noise on people through noise reduction and suppression techniques, and through appropriate land use policies.
>
> > ***Policy EC-1.1*:** Locate new development in areas where noise levels are appropriate for the proposed uses. Consider federal, state and City noise standards and guidelines as a part of new development review. Applicable standards and guidelines for land uses in San José include:
> >
> > - Interior Noise Levels: The City's standard for interior noise levels in residences, hotels, motels, residential care facilities, and hospitals is 45 dBA DNL. Include appropriate site and building design, building construction and noise attenuation techniques in new development to meet this standard. For sites with exterior noise levels of 60 dBA DNL or more, an acoustical analysis following protocols in the City-adopted California Building Code is required to demonstrate that development projects can meet this standard. The acoustical analysis shall base required noise attenuation techniques on expected 2040 General Plan traffic volumes to ensure land use compatibility and 2040 General Plan consistency over the life of this plan.
> >
> > - Exterior Noise Levels: The City's acceptable exterior noise level objective is 60 dBA DNL or less for residential and most institutional land uses [**Figure 3.5-3** (Land Use Compatibility Guidelines for Community Noise in San José)]. The acceptable exterior noise level objective is established for the City, except in the environs of the Norman Y. Mineta San José International Airport, Downtown (including the project site), and adjacent to elevated roadways. For the remaining areas of the City, the following standards apply:



[1]Noise mitigation to reduce interior noise levels pursuant to Policy EC-1.1 is required.

Normally Acceptable:

- Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.

Conditionally Acceptable:

- Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features included in the design.

Unacceptable:

- New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with noise element policies.

N Not to Scale

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SOURCE: San José, Envision San Jose 2040 General Plan Update, 2018

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 3.5-3
Land Use Compatibility Guidelines for Community Noise in San Jose

ESA

- For new multifamily residential projects and for the residential component of mixed-use development, use a standard of 60 dBA DNL in usable outdoor activity areas, excluding balconies and residential stoops and porches facing existing roadways. There will be common use areas available to all residents that meet the 60 dBA exterior standard. Use noise attenuation techniques such as shielding by buildings and structures for outdoor common use areas.
- For single-family residential uses, use a standard of 60 dBA DNL for exterior noise in private usable outdoor activity areas, such as backyards.

***Policy EC-1.2*:** Minimize the noise impacts of new development on land uses sensitive to increased noise levels (Categories 1, 2, 3, and 6 [residential, hotel, hospital, and residential care uses, parks and playgrounds, schools, libraries, museums, meeting halls, houses of worship, auditoriums and similar facilities]) by limiting noise generation and by requiring use of noise attenuation measures such as acoustical enclosures and sound barriers, where feasible. The City considers significant noise impacts to occur if a project would:

- Cause the DNL at noise sensitive receptors to increase by 5 dBA DNL or more where the noise levels would remain "Normally Acceptable"; or
- Cause the DNL at noise sensitive receptors to increase by 3 dBA DNL or more where noise levels would equal or exceed the "Normally Acceptable" level.

***Policy EC-1.3*:** Mitigate noise generation of new nonresidential land uses to 55 dBA DNL at the property line when located adjacent to existing or planned noise sensitive residential and public/quasi-public land uses.

***Policy EC-1.7*:** Require construction operations within San José to use best available noise suppression devices and techniques and limit construction hours near residential uses per the City's Municipal Code. The City considers significant construction noise impacts to occur if a project located within 500 feet of residential uses or 200 feet of commercial or office uses would:

- Involve substantial noise generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) continuing for more than 12 months.

For such large or complex projects, a construction noise logistics plan that specifies hours of construction, noise and vibration minimization measures, posting or notification of construction schedules, and designation of a noise disturbance coordinator who would respond to neighborhood complaints will be required to be in place prior to the start of construction and implemented during construction to reduce noise impacts on neighboring residents and other uses.

Goal EC-1: Vibration. Minimize vibration impacts on people, residences, and business operations.

Policy EC-2.3: Require new development to minimize continuous vibration impacts to adjacent uses during demolition and construction. For sensitive historic structures, including ruins and ancient monuments or building that are documented to be structurally weakened, a continuous vibration limit of 0.08 in/sec PPV (peak particle velocity) will be used to minimize the potential for cosmetic damage to a building. A continuous vibration

limit of 0.20 in/sec PPV will be used to minimize the potential for cosmetic damage at buildings of normal conventional construction. Equipment or activities typical of generating continuous vibration include but are not limited to: excavation equipment; static compaction equipment; vibratory pile drivers; pile-extraction equipment; and vibratory compaction equipment. Avoid use of impact pile drivers within 125 feet of any buildings, and within 300 feet of historical buildings, or buildings in poor condition. On a project-specific basis, this distance of 300 feet may be reduced where warranted by a technical study by a qualified professional that verifies that there will be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction. Transient vibration impacts may exceed a vibration limit of 0.08 in/sec PPV only when and where warranted by a technical study by a qualified professional that verifies that there will be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction.

City of San José Municipal Code

City of San José Municipal Code Section 20.100.450 establishes noise exposure limits for stationary noise sources (non-transportation sources) and specifies hours for project construction. The Municipal Code restricts construction within 500 feet of a residential unit to 7 a.m. to 7 p.m. Monday through Friday, with no construction on weekends; however, overnight and weekend construction is permitted if expressly allowed in a development permit or other planning approval. The Municipal Code does not establish quantitative noise limits for demolition or construction activities occurring in the city.

Municipal Code Sections 20.20.300, 20.30.700, 20.40,600, and 20.50.300 establish performance standards for noise exposure associated with stationary/non-transportation sources at the property line of noise-sensitive uses. Specifically, noise exposure is limited to 55 dBA, 60 dBA, and 70 dBA at the property line of residential, commercial, and industrial receivers, respectively. Although the code is not explicit with respect to the acoustical descriptor assigned to these noise levels, it is a reasonable interpretation that these levels may be applied to an hourly average noise level (hourly L_{eq}). This assumption is consistent with other jurisdictions in the Bay Area and Northern California.

3.5.3 Analysis, Impacts, and Mitigation

Significance Criteria

For the purposes of this EIR, the SJCC FMP would result in a significant noise and vibration impact if it would:

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

Methodology

The following is a description of the methodology used to evaluate the impacts of development proposed under the SJCC FMP relative to each of the significance thresholds listed above.

Criterion 1: Substantial Increase in Noise in Excess of Applicable Standards

The first threshold of significance examines whether construction and/or operations under the SJCC FMP would generate noise in excess of established noise standards, which are different for stationary, mobile, and construction noise sources.

Construction-related noise generated by the SJCC FMP (Impact 3.5-1) is evaluated based on the distance to sensitive receptors established in City of San José General Plan Policy EC-1.7 and indicated in Figure 3.5-2. Evaluation of operational impacts of the SJCC FMP relative to this threshold focuses first on increases in ambient noise levels from stationary sources during operation and their relationship to the City General Plan policies and Municipal Code noise limits (see Section 3.5.2, *Regulatory Framework*). In addition, the contribution of the SJCC FMP to localized increases in traffic-related noise along roadways in the vicinity of the campus was also evaluated relative to published measures of substantial increase in transportation noise, as discussed below. Operational noise impacts from stationary sources at the campus are discussed under Impact 3.5-2 and operational noise from increase in traffic is discussed under Impact 3.5-3.

Each of these approaches is described further below.

Construction Noise

The City of San José Municipal Code does not establish quantitative noise standards for construction noise. However, according to General Plan Policy EC-1.7, the City considers significant construction noise impacts to occur if a project located within 500 feet of residential uses or 200 feet of commercial or office uses would involve substantial noise-generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) that would continue for more than 12 months.

For large projects, the policy requires that the project implement a construction-noise logistics plan before the start of construction. The plan must specify hours of construction, identify noise and vibration minimization measures, include the posting or notification of construction schedules, and designate a noise disturbance coordinator who would respond to neighborhood complaints. The construction-noise logistics plan must be implemented during construction to reduce noise impacts on neighboring residents and other uses. Educational uses are considered sensitive to noise and because the SJCC FMP would be constructed in distinct phases over several years, the analysis also considers the construction noise impacts from later phases of construction on existing on-site sensitive receptors as well as new sensitive receptors introduced to the campus during the earlier phases of construction.

For the following analysis, construction noise levels are provided for standard construction equipment and for high-impact construction equipment for informational purposes. However, the level of significance of the impact was determined based on the duration and intensity of

construction activities taking into account the standards in the City General Plan policies and Municipal Code.

Stationary-Source Noise

Development of the SJCC FMP would increase stationary sources of noise at the campus such as heating, ventilation, and air conditioning (HVAC) systems and backup generators, as well as from the expansion of the on-campus utility plant. Noise generated by this equipment could substantially increase noise levels at nearby noise-sensitive land uses and could expose sensitive receptors to noise levels exceeding standards established by City General Plan Policies EC-1.2, EC-1.3, and EC-1.6. Policy EC-1.6 requires compliance with noise standards in the City's Municipal Code, specifically Sections 20.20.300, 20.30.700, 20.40,600, and 20.50.300.

The following analysis considers the potential for noise from sources such as mechanical equipment, outdoor maintenance areas, truck loading docks and delivery activities, and parking lots by describing reference noise levels that are documented to be associated with these sources. Existing City General Plan policies and applicable restrictions in the City's Municipal Code that address such sources are identified. Finally, mitigation measures with performance standards to address the potential impacts are identified.

Traffic Noise

Based on Policy EC-1.2 of the City's General Plan, a significant impact would occur if a project would:

- Cause the DNL at noise sensitive receptors to increase by 5 dBA DNL or more where the noise levels would remain "normally acceptable"; or
- Cause the DNL at noise sensitive receptors to increase by 3 dBA DNL or more where noise levels would equal or exceed the "normally acceptable" level.

Based on the General Plan's Land Use Compatibility Guidelines for Community Noise shown in Figure 3.5-3, a DNL of up to 60 dBA is considered "normally acceptable".

The 5 dBA and 3 dBA noise level increases also correlate directly with noise level increases that Caltrans considers to represent "readily perceivable" and "barely perceivable," respectively, for short-term noise increases. Thus, the significance of permanent increases in transportation noise levels is evaluated based on the increases identified in **Table 3.5-5**.

TABLE 3.5-5
MEASURES OF A SUBSTANTIAL INCREASE IN TRANSPORTATION NOISE EXPOSURE

Ambient Noise Level with Project (DNL)	Significant Impact Assumed to Occur if Project Site Development Increases Ambient Noise Levels by:
<60 dB	+ 5.0 dB or more
>60 dB	+ 3.0 dB or more

NOTES:
dB = decibels; DNL = day-night average noise level

SOURCE: City of San José, 2011.

Traffic noise levels were modeled using the algorithms of the Federal Highway Administration's (FHWA) Traffic Noise Model for the existing and 2030 with SJCC FMP scenarios. Noise levels with the SJCC FMP were then compared to existing modeled or monitored conditions (Table 3.5-1), depending on the contribution of other noise sources in the local environment, to determine significance.

Criterion 2: Groundborne Vibration

Impacts from groundborne vibration during construction under the SJCC FMP are assessed in Impact 3.5-4 relative to vibration-damage threshold criteria expressed in PPV for architectural damage. Upon completion of construction, the SJCC FMP would not include any sources of vibration; hence, vibration impacts during operation of the SJCC FMP are not discussed in the analysis presented below.

Construction equipment or activities that typically generate continuous vibration include but are not limited to excavation equipment, static compaction equipment, vibratory pile drivers, pile-extraction equipment, and vibratory compaction equipment. General Plan Policy EC-2.3 requires new development to minimize the impacts of continuous vibration on adjacent uses during demolition and construction. For sensitive historic structures, including ruins and ancient monuments or buildings that are documented to be structurally weakened, a continuous vibration limit of 0.08 in/sec PPV is the standard applied to minimize the potential for cosmetic damage to a building. A continuous vibration limit of 0.20 in/sec PPV is applied to minimize the potential for cosmetic damage at buildings of normal conventional construction.

Policy EC-2.3 also discourages the use of impact pile drivers within 125 feet of any buildings, and within 300 feet of historical buildings or buildings in poor condition. On a project-specific basis, this distance of 300 feet may be reduced, where warranted by a technical study by a qualified professional who verifies that there would be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction.

Transient vibration impacts may exceed a vibration limit of 0.08 in/sec PPV only when and where warranted by a technical study by a qualified professional who verifies that there would be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction.

Caltrans's measure of the threshold for architectural damage to conventional sensitive structures is 0.5 in/sec PPV for new residential structures and modern commercial buildings and 0.25 in/sec PPV for historic and older buildings (Caltrans, 2013b). However, because the General Plan's standards are more restrictive, the City's thresholds were applied in the analysis.

Vibration impacts were estimated using reference vibration levels for specific construction equipment in concert with the vibration propagation equations published by FTA, and estimating the potential for resultant vibration levels in excess of the General Plan standards.

Criterion 3: Exposure of People to Excessive Noise Levels

The SJCC campus is located approximately 2.5 miles south of the San José International Airport and is not located within the 65 dBA CNEL noise contour for the airport. Therefore, implementation of the SJCC FMP would not expose people residing or working in the project area to excessive noise levels from aircraft operations. There would be no impact and this would not be further discussed in the analysis presented below.

Cumulative Traffic Impacts

Construction of other projects proposed in the vicinity of the SJCC campus whose construction schedules overlap with the implementation of the SJCC FMP could also lead to cumulative noise and vibration impacts.

The significance of cumulative impacts related to operational traffic noise levels is determined using a two-step process. First, similar to the project-level assessment of traffic impacts, the increase in noise levels between cumulative (2030) conditions with the SJCC FMP and existing conditions is compared to an incremental 3 dBA or 5 dBA threshold, as applicable based on the existing noise level. If the roadside noise levels would exceed this incremental threshold, a significant cumulative noise impact would be identified.

The second step of the analysis of cumulative operational roadside noise impacts (if a significant cumulative noise impact is predicted based on the above methodology) is to evaluate whether the contribution of the SJCC FMP to roadside noise levels would be cumulatively considerable. This second step (if necessary) involves assessing whether the SJCC FMP's contribution to roadside noise levels (i.e., the difference between cumulative conditions with and without the SJCC FMP) would exceed a 1.5 dBA incremental contribution; this is a threshold that is considered to be cumulatively considerable. As stated above, except in carefully controlled laboratory experiments, a change of 1 dB cannot be perceived. Consequently, a cumulatively considerable contribution would reasonably be more than 1 dBA.

Impacts and Mitigation Measures

Impact 3.5-1: Construction activities associated with the implementation of the SJCC FMP could result in temporary increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies. *(Significant and Unavoidable)*

Construction activities associated with the SJCC FMP would begin in 2021 and is conservatively assumed to continue through 2030. Renovation, demolition and new construction would take place according to the schedule described in Section 2.6, *Implementation and Phasing Schedule*, within Chapter 2, *Project Description*. Noise would be generated by construction activities and equipment used for these activities.

Construction, though typically temporary, short-term, and/or intermittent, can be a substantial source of noise. Chances for noise impacts from construction activities tend to be greatest when construction activities occur during the noise-sensitive times of the day (early morning, evening, or nighttime hours), in areas immediately adjacent to sensitive receptors, or when construction

activities last for extended periods of time. The following analysis addresses the SJCC FMP's potential construction impacts on off-site receptors using standards established in the City's noise ordinances and General Plan policies identified in Section 3.5.2, *Regulatory Framework*. In addition, educational uses such as schools, colleges and universities are also considered sensitive to noise. Therefore, the following analysis also considers impacts to receptors on the campus from exposure to construction noise.

Major noise-generating construction activities associated with the SJCC FMP would include demolition of existing pavement and structures; site clearing and excavation; installation of utilities; construction of building foundations, cores, and shells; paving; and landscaping. Noise levels would be loudest during demolition of existing structures, which would require the use of impact tools (e.g., jackhammers, hoe rams) and during construction of building foundations, especially if impact pile driving would be required to support the structures. Excavation and grading would also generate high noise levels, as these phases often require the simultaneous use of multiple pieces of heavy equipment such as dozers, excavators, scrapers, and loaders. Building construction would involve the operation of cranes, man lifts, gradall/forklifts, and pneumatic hand tools. Noise levels are typically lower when building construction activities move indoors and require less heavy equipment to complete tasks. Similarly, noise from renovation activities would be lower as most of the activities would take place indoors with the exception of the operation of forklifts, loaders and dump trucks that would be used to transport construction materials and demolition rubble.

Table 3.5-6 shows maximum noise levels associated with various types of construction equipment, including pile drivers, which may potentially be required for the construction of the proposed parking structure only.

The City of San José has not established quantitative noise limits for demolition or construction activities occurring in the city. According to the San José Municipal Code, the legal hours of construction within 500 feet of a residential unit are limited to 7 a.m. to 7 p.m., Monday through Friday. According to City of San José General Plan Policy EC-1.7, a significant construction noise impact would occur if a project located within 500 feet of residential uses or 200 feet of commercial or office uses would involve substantial noise-generating activities (such as building demolition, grading, excavation, pile driving, use of impact equipment, or building framing) that would continue for more than 12 months. In such cases, a construction noise logistics plan that specifies hours of construction, noise and vibration minimization measures, posting or notification of construction schedules, and designation of a noise disturbance coordinator who would respond to neighborhood complaints is required to be in place prior to the start of construction and implemented during construction to reduce noise impacts on neighboring residents. These standards from the City of San José General Plan are used in the analysis below in the absence of noise impact thresholds adopted by the District.

TABLE 3.5-6
TYPICAL MAXIMUM NOISE LEVELS FROM CONSTRUCTION EQUIPMENT

Construction Equipment	Noise Level (dBA, L_{max} at 50 feet)
Backhoe	78
Excavator	81
Compactor	83
Scraper	84
Air Compressor	78
Pneumatic Tools	85
Pumps	77
Dozer	82
Crane	81
Grader	85
Paver	77
Roller	80
Front-End Loader	79
Truck	76
Concrete Crusher	79
Drill Rig	85
Impact and Vibratory Pile Drivers	101

NOTES:
dBA = A-weighted decibels; L_{max} = maximum, instantaneous noise level experienced during a given period of time
These are maximum field measured values at 50 feet as reported from multiple samples.

SOURCE: FHWA, 2006.

Based on distances indicated in Table 3.5-3, construction of the Child Development Center, the CTE building, the Aquatic Center, and the Parking Structure, demolition of CTE 100 building, renovation of CTE 200 building and the Central Plant would take place within 500 feet of residential uses. Based on the construction timeline for the SJCC FMP extending over 9 years, the presence of off-site residential receptors within 500 feet and onsite sensitive receptors as close as 50 feet of construction activities, and the standard provided by City General Plan Policy EC-1.1, the impact of construction noise would be **potentially significant**, and would therefore warrant implementation of mitigation measures to reduce and restrict construction noise levels. Implementation of **Mitigation Measure 3.5-1, Construction Noise Reduction Plan** would reduce this impact.

Mitigation Measure 3.5-1: Construction Noise Reduction Plan

The District shall prepare a Construction Noise Reduction Plan, to be implemented as development occurs throughout the campus to address noise from demolition, renovation and construction of buildings within 500 feet of residential uses (construction of the Child Development Center, the CTE building, the Aquatic Center, and the parking Structure, demolition of CTE 100 building, renovation of CTE 200 building and the

Central Plant). This Construction Noise Reduction Plan shall include, at a minimum, the following noise reduction measures:

1. **Construction Schedule:** Construction hours shall be limited to between 7 a.m. and 7 p.m., Monday through Friday. No construction activities shall take place on weekends at sites within 500 feet of a residence. Beyond 500 feet of residential uses, weekend construction shall be limited to the hours to 10 a.m. to 6 p.m. Extreme noise generating activities such as pile driving (if required) and other activities with the potential to create extreme noise levels exceeding 90 dBA shall be conducted only between 10 a.m. and 4 p.m. The loudest construction activities, such as demolition and pile driving, shall be considered for scheduling during academic breaks when fewer people would be present on campus and be disturbed by construction noise.

2. **Site Perimeter Barrier:** To reduce noise levels from construction occurring within 500 feet of residential uses, a noise barrier shall be constructed along the perimeter of the construction site facing the receptor(s). Barriers shall be constructed either with two layers of 0.5-inch-thick plywood (joints staggered) and K-rail or other support, or with a limp mass barrier material weighing 2 pounds per square foot. If commercial barriers are employed, such barriers shall be constructed of materials with a Sound Transmission Class rating of 25 or greater.

3. **Stationary Equipment:** Stationary noise sources, such as generators and air compressors, shall be located as far from onsite receptors and adjacent properties as possible. These noise sources shall be muffled and enclosed within temporary sheds, or shall incorporate insulation barriers to provide additional noise reduction. For stationary equipment that will operate for more than one week within 500 feet of a noise-sensitive land use, additional localized barriers around such equipment shall be incorporated, that break the line of sight[5] to neighboring receptors.

4. **Temporary Power:** Temporary power poles shall be used instead of generators, where feasible.

5. **Construction Equipment:** All internal combustion–driven equipment shall be equipped with intake and exhaust mufflers that are in good condition and appropriate for the equipment. Exhaust mufflers shall be provided on pneumatic tools when in operation for more than one week within 500 feet of a noise-sensitive land use. All equipment shall be properly maintained.

6. **Truck Traffic:** Individual truck idling shall be restricted to no more than two consecutive minutes per trip end. Trucks shall load and unload materials in the construction areas, rather than idling on local streets. If truck staging is required, to the extent possible, the staging areas shall be located along major roadways with higher traffic noise levels or away from the noise-sensitive receivers.

7. **Methods:** The construction contractor(s) shall consider alternative, less noise generating equipment and methods wherever feasible. Utilize "quiet" air compressors and other stationary noise sources where technology exists. Consider alternative methods of pile installation, such as drilling, if pile installation is required. Piles could be pre-drilled, as practicable, and a wood block placed between the hammer

[5] If a barrier does not block the line of sight between the source and the observer, the barrier will provide little or no attenuation (U.S. Department of Housing and Urban Development, *The Noise Guidebook*, prepared by The Environmental Planning Division, Office of Environment and Energy, March 2009, p. 24).

and pile to reduce metal-to-metal contact noise and "ringing" of the pile. Unnecessary idling of internal combustion engines shall be prohibited.

8. **Signals:** The use of noise-producing signals, including horns, whistles, alarms, and bells shall be for safety and warning purposes only. Noise from public address loudspeakers, two-way radio, or music system used during construction shall not be audible at any adjacent noise-sensitive receptor except for emergency uses.

9. **Notification Requirements:** Businesses and residents within 500 feet shall be notified by mail at least one month before the start of construction activities. The notification shall include, at a minimum, the estimated duration of the construction, construction hours, and contact information. The same information shall be posted at construction site boundaries. Onsite academic and administrative uses shall be notified at least a week ahead of construction activities scheduled nearby.

10. **Complaint Protocol and Noise Complaint Liaison:** Protocols shall be implemented for receiving, responding to, and tracking received complaints. A noise complaint liaison shall be identified to field complaints regarding construction noise and interface with the SJCC FMP construction team. The liaison shall determine the cause of the noise complaint and require that measures to correct the problem be implemented. Signage that includes the community liaison's telephone number shall be posted at the construction site and the liaison's contact information shall be included in the notice sent to neighboring businesses and residents regarding the construction schedule.

Significance after Mitigation: Significant and Unavoidable. Mitigation Measure 3.5-1 would implement a Construction Noise Reduction plan, consistent with the requirements of General Plan Policy EC-1.7 to ensure that noise levels at offsite receptors would comply with the standards specified in General Plan Policy EC-1.1.

However, as onsite receptors could be located as close as 50 feet from construction sites, these measures would not reduce the impact to onsite receptors to a less than significant level. This impact would be **significant and unavoidable**.

Impact 3.5-2: Stationary sources associated with operation of the proposed SJCC FMP could result in generation of a permanent increase in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies. *(Less than Significant with Mitigation)*

As there are no noise standards or thresholds adopted by the District, the analysis presented below uses noise standards specified in the City of San José's General Plan policies and Municipal Code for the evaluation of impacts from the SJCC FMP's stationary sources.

Noise from Central Plant

The cooling and heating needs of the majority of the facilities at the SJCC campus are met by the Central Plant located on the east side of the campus. The Central Plant building is approximately 7,700 square feet in area and houses a variety of equipment including three water-cooled centrifugal chillers, three natural gas boilers, chilled hot- and cold-water pumps, condenser

pumps, expansion tanks, switchgear and transformers. There are cooling towers in an exterior screened yard area adjacent to the building.

The SJCC FMP would not increase the size of the building or add equipment to increase the capacity of the Central Plant. Instead, it would upgrade existing, older, equipment with newer equipment. While the complete list of equipment to be upgraded is not known at this time, the existing boilers would be replaced with newer equipment as part of an agreement with the BAAQMD with equipment compliant with Regulation 9, Rule 7. As neither the number nor the size of the equipment housed within the Central Plant would increase, and as newer equipment tend to be more efficient and less noise-generating, changes to equipment in the Central Plant would not result in increased noise levels. In addition, all new equipment would be located within the Central Plant building which would further attenuate noise from these sources.

The nearest receptors to the Central Plant would be the residences located to the east of Leigh Avenue approximately 325 feet away, and are not likely to experience noise levels in excess of the City's acceptable exterior noise level objective of 60 dBA DNL or less for residential and most institutional land uses, according to the City's General Plan, Table EC-1: Land Use Compatibility Guidelines for Community Noise in San José. Further, the nearest receptors to the Central Plant are also not likely to experience noise levels in excess of 55 dBA standard as established in Table 20-45 of the City's Municipal Code Section 20.30.300 from changes in equipment at the Central Plant.

Nevertheless, as equipment details are not available at this time, this impact is conservatively considered to be **potentially significant**. Implementation of **Mitigation Measure 3.5-2a, Operational Noise Performance Standard** would mitigate this impact to a less than significant level through a project-specific performance standard consistent with the City's standards.

Noise from Stationary Sources

Operation of the proposed SJCC FMP would increase ambient noise levels in the immediate vicinity primarily through the on-site use of stationary equipment, such as heating, ventilation, and air conditioning (HVAC) systems and emergency generators. **Table 3.5-7** presents representative reference noise levels for stationary noise sources associated with the operation of the SJCC FMP.

Though the cooling and heating needs of majority of the facilities at the SJCC campus are met by the Central Plant, a few of the buildings are served by dedicated package systems. Because the mechanical equipment is commonly available with noise-attenuating enclosures designed to meet local noise ordinances, the noise generated by this equipment would not be expected to exceed the established standards in the City's Municipal Code or General Plan policies. In addition, it can be reasonably anticipated that building mechanical equipment would be roof-mounted and shielded by screens or parapets, which would generally reduce noise levels for receptors.

TABLE 3.5-7
REFERENCE NOISE LEVELS FOR STATIONARY NOISE SOURCES ASSOCIATED WITH THE SJCC FMP

Stationary Noise Source	Documented Sound Levels (dBA)	Source
HVAC Equipment	72–78 dBA at 30 feet without acoustical treatments	Trane, *Sound Data and Application Guide*, 2002
Standby Diesel Generator	75–90 dBA at 23 feet (size dependent) without acoustical enclosure	Cummins Power Generation, *Sound Attenuated and Weather Protective Enclosures*, 2008
Parking Lot (four stories)	53–58 dBA at 75 feet	Illingworth and Rodkin, *Environmental Noise Assessment Vallco Fashion Park – North Parking Garage, Cupertino, California*, 2006

NOTES:
dBA = A-weighted decibels; HVAC = heating, ventilation and air conditioning

SOURCE: Table compiled by ESA in 2020 based on sources noted above.

Emergency backup generators, if required, would be tested regularly and operated occasionally, as needed. The only emergency generator currently exists in the General Education building. It is likely that the new General Education/Business complex as well as the career Technology Education buildings could house emergency generators. The BAAQMD permit for emergency backup generators allows a maximum operation of up to 50 hours per year, or on average about 1 hour per week, for testing and maintenance purposes. As shown in Table 3.5-7, noise generated during the one hour every week of testing would be approximately 75 – 90 dBA at 23 feet. As generators would be located within enclosures or structures, an additional attenuation would occur. In addition, both the General Education/Business complex as well as the career Technology Education buildings are located towards the center of the campus and at a minimum 430 feet from the nearest offsite residential receptors. Therefore, this occasional testing would not result in a substantial permanent increase in noise levels over ambient conditions.

San José Municipal Code Sections 20.20.300, 20.30.700, 20.40,600, and 20.50.300 establish performance standards for exposure to noise from stationary/non-transportation sources at the property line of noise-sensitive uses. Specifically, noise exposure is limited to 55 dBA, 60 dBA, and 70 dBA at the property lines of residential, commercial, and industrial receivers, respectively.

General Plan Policies EC-1.2, EC-1.3, EC-1.6, and EC-1.9 direct the City to reduce potential impacts of noise-generating land uses facilitated by the City General Plan. Policy EC-1.2 limits noise generation by requiring the use of noise attenuation measures such as acoustical enclosures and sound barriers. Policy EC-1.3 requires that new non-residential land uses mitigate noise generation to 55 dBA DNL at the property line when located adjacent to existing or planned noise-sensitive residential and public/quasi-public land uses. Policy EC-1.6 requires operational noise impacts from new industrial and commercial development on adjacent residential, commercial, and industrial uses by requiring compliance with noise standards in the City's Municipal Code. Lastly, Policy EC-1.9 requires land use proposals that include known or suspected loud intermittent noise sources that may affect adjacent existing or planned land uses to

prepare a noise study and provide mitigation such that recurring maximum instantaneous noise levels would not exceed 50 dBA L_{max} in bedrooms and 55 dBA L_{max} in other rooms.

Based on the noise reference levels in Table 3.5-7 and the possibility that receptors could be as close as 50 feet away from the HVAC equipment at the Child Development Center, the potential exists for unobstructed noise levels to be 70 dBA or higher at the nearest receptor locations, which would exceed exterior noise standards and result in a **potentially significant**. **Mitigation Measure 3.5-2a, Operational Noise Performance Standard for Stationary Sources** establishes a project-specific performance standard which would ensure that the SJCC FMP's stationary equipment would not result in noise levels to receptors that exceed the City's standards.

Noise from Proposed Parking Structure

Typical noises from the proposed parking structure would come from vehicle circulation, engines starting and accelerating, and closing of car doors. Other occasional noises include tire squeal noise, loud stereos, backup beepers and car alarms. As shown in Table 3.5-7, based on a noise study conducted by Illingworth & Rodkin for a four-story parking structure in Cupertino, noise from the operation of the parking structure was measured to be approximately 53 to 58 dBA at 75 feet (Illingworth & Rodkin, 2006). Sounding of car horns typically ranged from 62-70 dBA. The nearest offsite sensitive receptors to the proposed parking structure at the SJCC campus are the residences located to the south of Kingman Avenue, approximately 80 feet away. At this distance, noise from the parking structure would attenuate to 51 to 56 dBA while noise form car horns would attenuate to 60-68 dBA 9. As shown in Table 3.5-1, the existing noise level at these residences is 65.1 dBA, L_{eq}. While noise from the operation of the parking structure would not be audible over existing ambient noise levels, instantaneous noise levels from infrequent events such as auto horns could be audible at these residences. However, these infrequent events would not be expected to cause an increase in daytime hourly average noise levels at these residences. As the parking structure would be operational during the daytime hours when the campus is open, there would be no nighttime impacts. Therefore, the operational noise from the proposed parking structure would result in a less than significant impact.

Noise from Outdoor Activities

The SJCC FMP would include replacement of the existing Track & Field and softball fields at the campus. However, there is no change in the level of usage of these facilities anticipated as a result. The fields would continue to serve the campus needs and host events as they currently do and would therefore not create any additional noise impacts.

The proposed Aquatic Center that would be located approximately 190 feet from the residential receptors east of Leigh Avenue would be a new source of operational noise. The proposed Aquatic Center would host water polo matches, swim meets and other training events. Noise from such events may include cheers and chants, whistles and the use of amplified sound to signal start of races, end of water polo periods, announcements and music played during competitions and events. Given the proximity of offsite residential receptors to the east, such events could generate noise in excess of local standards. In addition, noise generated would be more noticeable as swim events tend start early in the day during the noise sensitive morning hours.

General Plan Policy EC-1.3 limits noise generated by new nonresidential land uses to 55 dBA DNL at the property line when located adjacent to existing or planned noise sensitive residential and public/quasi-public land uses. Based on a noise measurements conducted during a varsity water polo game at the Castilleja School in Palo Alto, the average noise level was found to be 69 dBA at a distance of 70 feet from the center of the pool over the duration of the game. The loudest individual noise events were from team cheers, referee whistles, coaches shouting, and the buzzer noise signaling the end of a quarter. Maximum noise levels were approximately 81 dBA (Charles M Salter Associates, 2018). Swim meets are expected to generate similar noise levels. The average noise level of 69 dBA would attenuate to 60 dBA at the nearest offsite receptors, the residences to the east of Leigh Avenue. The noise environment at the residences east of Leigh Avenue is dominated by traffic noise from Leigh Avenue. However, noise from events at the proposed Aquatic Center could be more noticeable when events begin early in the day when traffic noise levels on Leigh Avenue would be lower.

The attenuated noise level at these residences would exceed the 55 dBA standard in the General Plan Policy EC-1.3 and lead to a **potentially significant** impact. Implementation of **Mitigation Measure 3.5-2b, Noise Reduction Measures for the Aquatic Center** would reduce this impact to a less than significant level.

Mitigation Measure 3.5-2a: Operational Noise Performance Standard for Stationary Sources

The District shall ensure that all mechanical equipment is selected and designed to reduce impacts on surrounding uses by limiting noise from stationary sources such as mechanical equipment, loading docks, and the Central Plant to 55 dBA and 60 dBA at the property lines of residential and commercial, receivers, respectively.

Methods of achieving these standards include using low-noise-emitting HVAC equipment, locating HVAC and other mechanical equipment within a rooftop mechanical penthouse, and using shields and parapets to reduce noise levels to adjacent land uses. For emergency generators, industrial-grade silencers can reduce exhaust noise by 12 to 18 dBA, and residential-grade silencers can reduce such noise by 18 to 25 dBA (American Society of Heating, 2006). Acoustical screening can also be applied to exterior noise sources of the Central Plant which can achieve up to 15 dBA of noise reduction (Environmental Noise Control, 2014).

An acoustical study shall be prepared by a qualified acoustical engineer during final building design to evaluate the potential noise generated by building mechanical equipment and to identify the necessary design measures to be incorporated to meet the City's standards at adjacent offsite receptors.

Mitigation Measure 3.5-2b: Noise Reduction Measures for the Aquatic Center

The District shall incorporate the following measures in the final design of the aquatic center to reduce noise impacts to offsite receptors:

- The line of sight between the pool and the residences to the east of Leigh Avenue shall be blocked either by structures associated with the Aquatic Center or a noise barrier along the eastern boundary of the proposed Aquatic Center.

- Placement of speakers shall be adjusted such that the line of sight from the speakers to neighbors to the east is obstructed by the wall.
- The audio system shall be designed to direct speakers away from the offsite neighbors to the east.
- Use of narrow coverage directional speakers shall be considered to direct sound primarily towards the spectators.

Significance after Mitigation: Less than Significant. Mitigation Measures 3.5-2a and 3.5-2b would ensure that noise levels from the SJCC FMP's operational sources onsite at nearby receptors would be consistent with standards in the City's Municipal Code and General Plan policies. Implementation of these mitigation measures would reduce the SJCC FMP's operational impacts to **less than significant with mitigation**.

Impact 3.5-3: SJCC FMP-generated traffic noise would result in permanent increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies. ***(Less than Significant)***

Increase in vehicle trips to the campus generated by the SJCC FMP would increase traffic-related noise along roadway segments in the vicinity of the SJCC campus and surrounding environment. Increases in traffic noise gradually degrade the environment in noise-sensitive areas. The analysis below evaluated the significance of traffic noise levels by comparing the increase in noise levels (from the traffic contribution only) to increments recognized by City of San José General Plan Policy EC-1.2 as significant.

Traffic noise levels were estimated at ten study intersections based on the transportation analysis (Hexagon Transportation Consultants Inc., 2021).

Traffic noise levels at the ten intersections were assessed for the following scenarios:

1. Existing traffic conditions during the weekday A.M and P.M. peak commute hours, as estimated in the transportation analysis – As discussed in Section 3.6, Transportation, due to COVID-19 and regional shelter-in-place orders, a growth rate of 1 percent per year was applied to the traffic counts that were more than two years old to estimate existing traffic volumes would be considered more representative of typical traffic conditions in the area.
2. Existing plus FMP conditions during the weekday A.M. and P.M. peak commute hours, which includes projected traffic volumes with completion of the SJCC FMP.

Modeled estimates of weekday peak hour noise levels for the most affected roadway segments near the SJCC campus are presented in **Table 3.5-8**. Noise increase along other affected roadway segments would be less than 0.5 dBA and hence not shown in Table 3.5-8.

TABLE 3.5-8
TRAFFIC NOISE LEVELS ALONG STREETS AFFECTED BY SJCC FMP-RELATED TRAFFIC

Roadway Segment	Traffic Noise Level from a distance of 50 feet from Center of Roadway, dBA, DNL[1]				
	Existing (A)	Existing plus SJCC FMP (B)	Incremental Increase over Existing (B – A)	Incremental Increase Significance Threshold[2]	Cumulative Impact Significant? (Yes or No)[2]
Weekday P.M. Peak-Hour Noise Levels					
Leland Ave.					
North of intersection with Moorpark Ave.	61.2	63.0	+1.8	3	No
South of intersection with Moorpark Ave.	58.3	59.6	+1.3	5	No
North of intersection with Parkmoor Ave.	59.8	61.0	+1.2	5	No
South of intersection with Parkmoor Ave.	61.2	63.0	+1.8	3	No
Weekday A.M. Peak-Hour Noise Levels					
Leland Ave.					
North of intersection with Moorpark Ave.	60.2	62.2	+2.0	3	No
South of intersection with Moorpark Ave.	58.2	60.0	+1.8	5	No
North of intersection with Parkmoor Ave.	60.4	61.5	+1.1	3	No
South of intersection with Parkmoor Ave.	60.2	62.2	+2.0	3	No
Leigh Ave.					
South of intersection with Kingman Ave.	64.5	65.0	+0.5	3	No
North of intersection with Fruitdale Ave.	64.4	64.8	+0.4	3	No
Leigh Ave.					
North of intersection with Fruitdale Ave.	64.4	64.9	+0.5	3	No
Moorpark Ave.					
East of intersection with S Bascom Ave.	65.5	64.8	-0.7	1.5	No [3]
S Bascom Ave.					
North of intersection with Fruitdale Ave.	69.4	66.4	-3.0	1.5	No [3]
South of intersection with Fruitdale Ave.	68.6	65.0	-3.6	1.5	No [3]

NOTES:
dBA = A-weighted decibels

1 Noise levels were determined using algorithms from the FHWA's *Traffic Noise Model Technical Manual*.
2 Traffic noise increases at an existing sensitive use exceeding the allowed incremental noise increase per General Plan Policy EC-1.2 and shown in Table 3.5-7 would result in a significant impact.
3 Negative values indicate a decrease in roadway noise at these locations that results when traffic distribution changes reduce future traffic volumes compared to the existing conditions, as predicted in the transportation analysis.

SOURCES: Modeling performed by Environmental Science Associates in 2020 based on traffic data compiled by Hexagon Transportation Consultants, Inc. in 2021.

Table 3.5-8 shows that the increase in traffic-related noise due to the SJCC FMP would be less than the respective incremental thresholds along all analyzed study roadway segments. The largest increase in roadway noise would occur along segments of Leland Avenue to the north of its intersection with Moorpark Avenue and south of its intersection with Parkmoor Avenue. However, the increase in traffic due to the SJCC FMP would not increase roadside noise levels in the vicinity of the SJCC campus beyond standards established in City General Plan Policy EC-1.2. Therefore, this impact would be **less than significant**.

The SJCC FMP proposes the addition of a new driveway at Leigh Avenue and Kingman Avenue which would add traffic noise along the driveway. However, this addition would not be considered significant as this is a campus driveway and there are no sensitive receptors located adjacent to it that would be affected by the addition of traffic-related noise.

Mitigation: None required.

Impact 3.5-4: Construction activities associated with the implementation of the SJCC FMP could result in the generation of excessive groundborne vibration or groundborne noise levels. ***(Less than Significant with Mitigation)***

Construction equipment or activities that typically generate vibration include but are not limited to excavation equipment, impact pile drivers, static compaction equipment, vibratory pile drivers, pile-extraction equipment, and vibratory compaction equipment.

City of San José General Plan Policy EC-2.3 requires new development to minimize impacts of continuous vibration on adjacent uses during demolition and construction. For sensitive historic structures, including ruins and ancient monuments or buildings that are documented to be structurally weakened, a continuous vibration limit of 0.08 in/sec PPV is the standard applied to minimize the potential for cosmetic damage to a building. A continuous vibration limit of 0.20 in/sec PPV is applied to minimize the potential for cosmetic damage at buildings of normal conventional construction. Policy EC-2.3 also discourages the use of impact pile drivers within 125 feet of any buildings, and within 300 feet of historical buildings or buildings in poor condition. On a project-specific basis, this distance of 300 feet may be reduced where warranted by a technical study by a qualified professional who verifies that there would be virtually no risk of cosmetic damage to sensitive buildings from the new development during demolition and construction. In the absence of vibration thresholds adopted by the District, vibration limits from the City of San José General Plan has been used for the analysis presented below.

Pile driving is anticipated to be required as part of construction only for the proposed parking structure. The City's General Plan Policy EC-2.3 discourages the use of impact pile drivers within 125 feet of any existing buildings. As shown in Table 3.5-3, the proposed parking structure is located approximately 150 feet from the nearest offsite residential receptors south of Kingman Avenue. Therefore, vibration impacts from the potential pile driving to the nearest offsite receptors located 150 feet away are not likely.

However, onsite receptors in other campus buildings in the vicinity could experience impacts. The analysis below relies on a vibration matrix that shows vibration levels from construction equipment at different distances to receiving buildings. This matrix, presented in **Table 3.5-9**, uses shading to indicate the distances at which vibration levels would exceed the criterion for conventional structures.[6] As shown in Table 3.5-9, cosmetic damage could result from pile driving closer to a conventionally constructed building than 75 feet.

TABLE 3.5-9
VIBRATION LEVELS FROM CONSTRUCTION EQUIPMENT

	Estimated Peak Particle Velocity (inches per second)				
Equipment	**At 25 Feet (reference)**	**At 50 Feet**	**At 75 Feet**	**At 100 Feet**	**At 170 Feet**
Jackhammer	0.035	0.016	0.010	0.008	0.004
Loaded Trucks	0.076	0.035	0.023	0.017	0.009
Caisson Drilling	0.089	0.041	0.027	0.019	0.011
Large Bulldozer	0.089	0.041	0.027	0.019	0.011
Vibratory Roller	0.20	0.100	0.063	0.046	0.025
Impact Pile Driver	0.65	0.303	0.194	0.141	0.079
Vibratory Pile Driver	0.65	0.303	0.194	0.141	0.079

NOTE:
Shaded areas indicate distances where vibration levels would exceed the criterion for conventional structures.

SOURCES: Caltrans, 2013b; FTA, 2018.

Activities associated with renovation of buildings would not involve the use of heavy equipment that would generate vibration. Vibration velocity levels for the types of construction equipment that would operate on the campus during demolition and construction are shown in Table 3.5-9.

Demolition and construction activities would primarily affect occupants of existing buildings within the campus as construction sites could be within 25 feet to the other existing buildings. The primary and most intensive vibration source associated with the SJCC FMP would be the use of bulldozers during demolition and construction. The use of pile drivers if necessary during construction would also result in intense vibration.

Based on the information presented in Table 3.5-9, maximum vibration levels could reach up to threshold of 0.2 in/sec PPV at buildings located within 25 feet of demolition and construction not involving pile driving. However, there are no buildings located within 25 feet of construction and demolition activities not involving pile driving. Buildings located within 75 feet of pile driving activities at the proposed parking structure, primarily the CTE 200 building, would experience vibration levels exceeding the 0.2 in/sec PPV threshold specified in City General Plan Policy EC-2.3 for buildings of normal conventional construction. Therefore, this would be considered a **potentially significant** impact.

6 As detailed in *Section 3.2, Cultural Resources*, there are no known historic structures located on the SJCC campus.

Where demolition and construction not involving pile driving occurs more than 25 feet from campus classroom buildings and where construction involving pile driving occurs more than 75 feet from campus classroom buildings, the vibration level would be below the threshold and no impact would occur.

With respect to off-campus receptors, as described above, single-family and multi-family residential uses are located to the east and south of the campus, and single-family residential uses are located to the north across I-280. Other sensitive receptors in the vicinity of the campus include Immanuel Lutheran Church, Crossroads Bible Church, and Neighborhood Christian Preschool to the east, the Valley Medical Center to the west, and the Sherman Oaks Community Charter School to the south. With the exception of the single-family and multi-family residential uses to the south, all of these sensitive uses are located sufficiently distant from the SJCC campus as to not be negatively affected by demolition and construction activity on campus including pile driving. Single-family and multi-family residential uses to the south of the SJCC campus are located about 50 feet from the nearest potential construction site (the proposed Child Development Center). The nearest construction activity involving pile driving would be at 150 feet away from these residential uses. As detailed in the vibration matrix presented in Table 3.5-9, vibration impacts from pile driving would not be significant beyond a distance of 75 feet. Therefore, residential uses located 150 feet away from proposed pile driving activities would not be negatively affected by construction activities on the campus.

Furthermore, in compliance with Mitigation Measure 3.5-1, construction activities associated with the proposed Child Development Center would be restricted to the hours of 7 a.m. and 7 p.m. on weekdays. Therefore, construction associated with the implementation of the SJCC FMP would not expose off-campus persons to excessive groundborne vibration levels.

Mitigation Measure 3.5-3: Construction Vibration Avoidance and Reduction Plan

The District shall incorporate the following measures to reduce vibration impacts to onsite receptors:

- Pile driving activities associated with the proposed parking structure shall be scheduled to occur on weekends or during periods when instruction is not occurring on the campus, if feasible.
- If pile driving activities are scheduled to occur during periods when instruction is occurring on the campus, a notice shall be posted in the vicinity of the affected classroom buildings notifying the campus community of the upcoming construction activities.
- Vibration from pile driving shall be minimized using the following measures:
    - Foundation pile holes shall be pre-drilled to minimize the impacts required to seat the pile.
    - Piles shall be jetted[7] or partially jetted into place to minimize the number of impacts required to seat the piles.

[7] "Pile jetting" is a technique that is frequently used in conjunction with, or separate from, pile driving equipment for pile placement. Pile jetting uses a carefully directed and pressurized flow of water to assist in pile placement. This

- A construction vibration monitoring plan shall be implemented to document conditions before, during, and after pile driving. All plan tasks shall be undertaken under the direction of a Professional Structural Engineer licensed in the State of California, in accordance with industry-accepted standard methods. The construction vibration monitoring plan shall include the following tasks:
  - Identify the sensitivity of nearby structures to groundborne vibration. A vibration survey (generally described below) would need to be performed.
  - Perform a pre-construction photo survey, elevation survey, and crack monitoring survey for each of these structures. Surveys shall be performed before any pile driving activity, at regular intervals during pile driving, and after completion. The surveys shall include monitoring for internal and external cracks in structures, settlement, and distress, and shall document the condition of foundations, walls, and other structural elements in the interior and exterior of the structures.
  - Develop a vibration monitoring and construction contingency plan. The plan shall identify structures where monitoring is to be conducted, establish a vibration monitoring schedule, define structure-specific vibration limits, and address the need to conduct photo, elevation, and crack surveys to document conditions before and after pile driving.
  - Identify alternative construction methods for when vibration levels approach the limits stated in the General Plan, such as in Policy EC-2.3.
  - If vibration levels approach the limits, suspend construction and implement alternative construction methods to either lower vibration levels or secure the affected structures.
  - Conduct a post-construction survey on structures where either monitoring has indicated high vibration levels or complaints have been received regarding damage. Make appropriate repairs where damage has resulted from construction activities.

Significance after Mitigation: Less than Significant. Implementation of Mitigation Measure 3.5-3 would reduce vibration impacts to onsite receptors to a less than significant level. This impact would be **less than significant with mitigation**.

Cumulative Impacts

Impact C-3.5-5: Construction activities associated with the SJCC FMP combined with cumulative construction noise in the vicinity of the SJCC campus would result in a substantial temporary or periodic increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance. *(Significant and Unavoidable)*

The geographic scope of analysis for cumulative noise and vibration construction impacts encompasses sensitive receptors within approximately 1,000 feet of the campus boundaries.

greatly decreases the bearing capacity of the soils below the pile tip, causing the pile to descend toward its final tip elevation with much less soil resistance, largely under its own weight.

Beyond 1,000 feet, the contributions of noise from other projects would be greatly attenuated by both distance and intervening structures, and their contribution would be expected to be minimal.

The SJCC campus, surrounded on the east and immediate south by City of San José land uses and to the west and north by the County of Santa Clara is within a growing urbanized part of the region. The existing Santa Clara Valley Medical Center, part of the County has recently added the Sobrato Pavilion Bed Tower Project facing South Bascom Avenue and west of the SJCC campus. It is not known if there will be any other future construction at this site simultaneously with the implementation of SJCC FMP.

Reasonably foreseeable future projects within a mile of the SJCC campus include residential and mixed use developments at 2323 Moorpark Avenue and 1710 Moorpark Avenue, respectively.

However, these and all future projects proposed and constructed simultaneously with the SJCC FMP would be subject to General Plan and noise ordinance noise limits and standard conditions of approval imposed by the applicable jurisdiction to mitigate noise impacts to achieve those standards. This would reduce noise levels from construction activity associated with these cumulative projects.

Mitigation: Implement **Mitigation Measure 3.5-1, Master Construction Noise Reduction Plan** (refer to Impact 3.5-1).

Significance after Mitigation: Significant and Unavoidable.

As discussed under Impact 3.5-1, even with the implementation of Mitigation Measure 3.5-1, the residual impact of SJCC FMP-related construction activities would be significant. Therefore, the SJCC FMP's contribution to the cumulative noise impacts in the campus vicinity will also be considered **significant and unavoidable**.

Impact C-3.5-6: Operation of the SJCC FMP when considered with other cumulative development would cause a substantial permanent increase in ambient noise levels in excess of standards established in the City of San Jose General Plan or Noise Ordinance. *(Less than Significant)*

Operational noise impacts of the SJCC FMP would result primarily from increased traffic on the local roadway network. Increase in noise from SJCC FMP-related traffic in combination with traffic noise from other proposed developments in the area could lead to a cumulative increase in roadside noise levels in the vicinity of the SJCC campus.

The significance of cumulative impacts related to traffic noise levels is determined using a two-step process, as discussed in the *Methodology* section. If a cumulative impact is identified, the second step is to evaluate whether the contribution of the SJCC FMP to roadside noise levels would be cumulatively considerable.

The roadway segments analyzed and the results of the noise increases resulting from modeling are shown in **Table 3.5-10** for 2030 background conditions and 2030 with the full buildout of the SJCC FMP.

TABLE 3.5-10
CUMULATIVE TRAFFIC NOISE LEVELS ALONG STREETS AFFECTED BY SJCC FMP-RELATED TRAFFIC

	Traffic Noise Level from a distance of 50 feet from Center of Roadway, dBA, DNL[1]					
Roadway Segment	**Existing (A)**	**Background without SJCC FMP (B)**	**Background plus SJCC FMP (C)**	**Incremental Increase over Existing (C – A)**	**Incremental Increase Significance Threshold[2]**	**Cumulative Impact Significant? (Yes or No)[2]**
Weekday P.M. Peak-Hour Noise Levels						
Leland Ave.						
North of intersection with Moorpark Ave.	61.2	61.2	63.0	+1.8	3	No
South of intersection with Moorpark Ave.	58.3	58.3	59.6	+1.3	5	No
North of intersection with Parkmoor Ave.	59.8	59.8	61.0	+1.2	5	No
South of intersection with Parkmoor Ave.	61.2	61.2	63.0	+1.8	3	No
Weekday A.M. Peak-Hour Noise Levels						
Leland Ave.						
North of intersection with Moorpark Ave.	60.2	60.2	62.2	+2.0	3	No
South of intersection with Moorpark Ave.	58.2	58.2	60.0	+1.8	5	No
North of intersection with Parkmoor Ave.	60.4	60.4	61.5	+1.1	3	No
South of intersection with Parkmoor Ave.	60.2	60.2	62.2	+2.0	3	No
Leigh Ave.						
South of intersection with Kingman Ave.	64.5	64.5	65.0	+0.5	3	No
North of intersection with Fruitdale Ave.	64.4	64.4	64.9	+0.5	3	No
Moorpark Ave.						
East of intersection with S Bascom Ave.	65.5	65.7	65.1	-0.4	1.5	No [3]
S Bascom Ave.						
North of intersection with Fruitdale Ave.	69.4	69.4	66.4	-3.0	1.5	No [3]
South of intersection with Fruitdale Ave.	68.6	68.7	65.1	-3.5	1.5	No [3]

NOTES:
dBA = A-weighted decibels

1 Noise levels were determined using algorithms from the FHWA's Traffic Noise Model Technical Manual.
2 Traffic noise increases at an existing sensitive use exceeding the allowed incremental noise increase per General Plan Policy EC-1.2 and shown in Table 3.5-7 would result in a significant impact.
3 Negative values indicate a decrease in roadway noise at these locations that results when traffic distribution changes reduce future traffic volumes compared to the existing conditions, as predicted in the transportation analysis.

SOURCES: Modeling performed by Environmental Science Associates in 2020 based on traffic data compiled by Hexagon Transportation Consultants, Inc. in 2021.

As shown in Table 3.5-10, SJCC FMP-related traffic in combination with traffic from other approved development in the vicinity would not result in a significant cumulative increase in traffic noise levels. This impact would be **less than significant**.

Mitigation: None required.

3.5.4 References

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3.6 Transportation

This section describes the potential for the proposed project to affect transportation, such as through a plan, ordinance, or policy; long-term changes to the operability and function of transportation facilities; increased hazards from geometric design or incompatible uses; or inadequate emergency access. This section presents the regional and local transportation regulatory framework, identifies criteria used to determine impact significance, and provides analysis of the potential transportation impacts associated with the implementation of the SJCC FMP as well as identifies feasible mitigation measures that could mitigate any potentially significant impacts.

The District received a small number of transportation-related comments on the NOP. All comments received during the NOP public review period are included in the Draft EIR in **Appendix B**. NOP comments related to the scoping of transportation impacts analysis were included in a letter from the County of Santa Clara Roads and Airports Department. The first comment suggests that the District consider potential future improvements to the South Bascom Avenue corridor as part of the Santa Clara Valley Transportation Authority (VTA) Complete Streets Program in its analysis of transportation impacts. In addition, the County Roads and Airports Department identified facilities within its jurisdiction that are accessible from the SJCC campus and suggests that the EIR evaluate potential accessibility impacts to individuals using or serving County facilities. The County Roads and Airports Department comment letter was taken into consideration when developing the analysis methodology, and this chapter addresses each of these comments.

The analysis in this chapter is based a transportation analysis prepared by Hexagon Transportation Consultants, Inc. (Transportation Analysis), for the proposed SJCC FMP, included in **Appendix E** of the Draft EIR.

3.6.1 Environmental Setting

This section describes the existing transportation and circulation setting; the existing regional roadway network, regional transit service, the local roadway network, local transit service, the SJCC shuttle system, existing SJCC transportation demand management programs, pedestrian conditions, bicycle conditions, loading conditions, emergency vehicle access, vehicle miles traveled, and parking conditions. **Figure 3.6-1** shows the study area and SJCC campus.

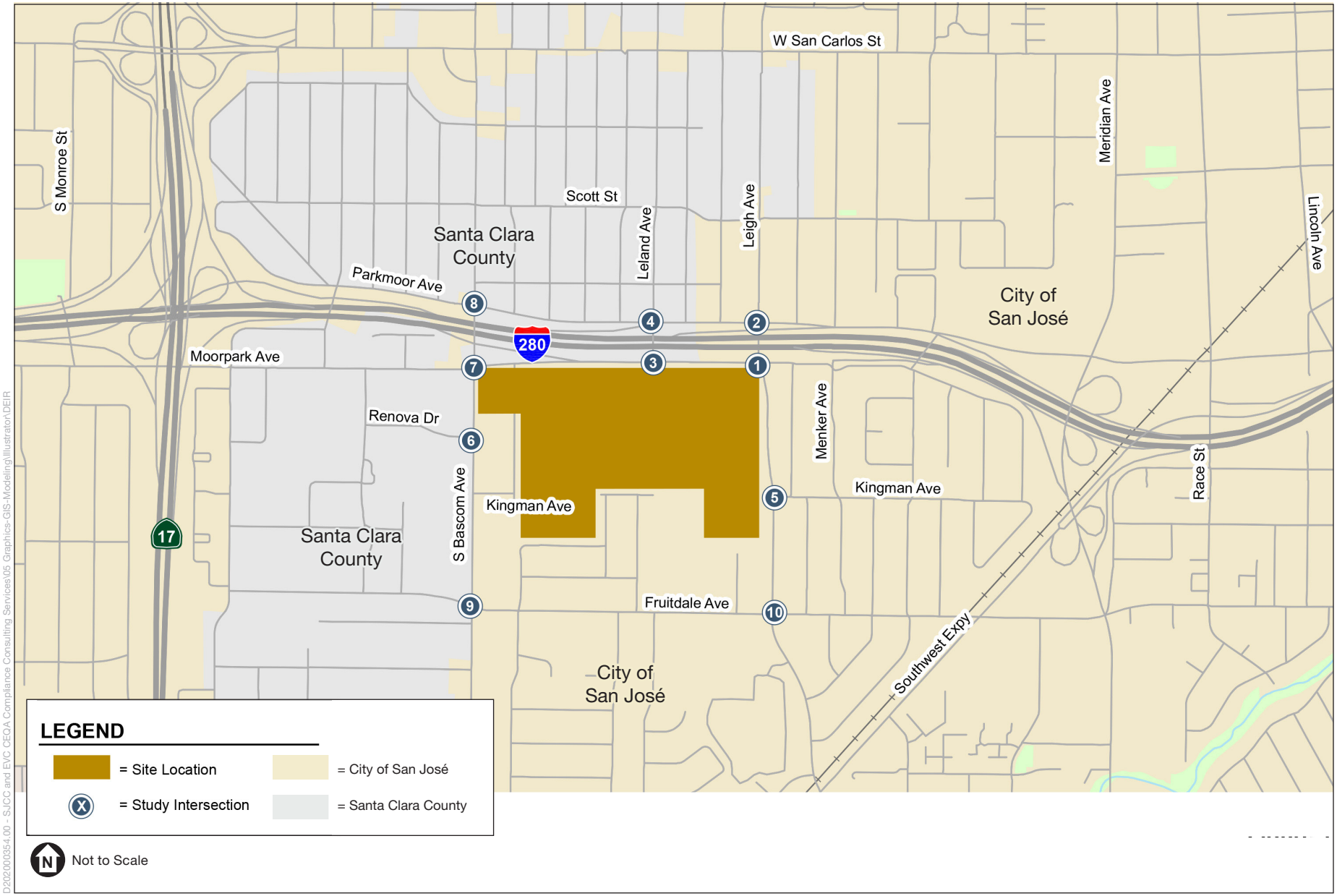
Regional Setting

Regional Roadway Network

Regional roadway access to SJCC campus is provided by several major regional freeways and roadways, as discussed below.

California State Route 17

California State Route 17 (SR-17) is a six-lane freeway in the vicinity of the SJCC campus. SR-17 extends northward to the I-280 and I-880 interchange in San José and southward to State Route 1 (SR-1) to Santa Cruz. North of the I-280 and I-880 interchange, SR-17 transitions to I-880 which continues north to Oakland and points beyond.



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SOURCE: Hexagon, 2020

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 3.6-1
Site Location and Study Intersections

ESA

Interstate 280

Interstate 280 (I-280) is an eight-lane freeway in the vicinity of the SJCC campus. I-280 extends northward on the Peninsula terminating in San Francisco, and southward to US-101 in San José. East of US-101, I-280 transitions into I-680 which continues north through the East Bay. Access to and from the SJCC campus is provided via I-880 at on-/off-ramps at Moorpark Avenue and Parkmoor Avenue.

Interstate 880

Interstate 880 (I-880) is a six-lane freeway in the vicinity of the SJCC campus. I-880 extends northward through Oakland and southward to SR-17 and I-280 interchange. South of the SR-17 and I-280 interchange, I-880 transitions to SR-17.

Regional Transit Service

Santa Clara Valley Transportation Authority

The VTA provides bus, light rail, and paratransit services to areas throughout the County of Santa Clara, including Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Palo Alto, San José, Santa Clara, Saratoga, and Sunnyvale. VTA operates 17 routes with 15-minutes or shorter headways. VTA transit riders have access to Fruitdale and South Bascom Avenues via the Green Line of the VTA light rail system.

Bay Area Rapid Transit

Bay Area Rapid Transit (BART) is a public transit system that provides commuter rail service between the San Francisco Peninsula and communities within East Bay and South Bay (i.e., Millbrae, Richmond, Antioch, Dublin/Pleasanton, and Berryessa/North San José. Weekday hours of operation are currently 5 AM to 9 PM for service hours, and 8 AM to 9 PM Saturday and Sunday. The closest BART station to the SJCC campus is the Berryessa/North San José Station, approximately 5 miles northeast of the campus.

Caltrain

Caltrain provides passengers rail service for dozens of stations between San Francisco and Gilroy. Weekday and weekend hours of operation vary depending on the day and service; however, services typically range between 4:30 AM through 2 AM the following day. The closest Caltrain station to the SJCC campus is the San José Diridon Station located approximately 2 miles northeast of the campus.

Local Setting

Local Roadway Network

The SJCC campus is located within the City of San José's South Bascom commercial corridor and South Bascom Urban Village Plan area. The roadways used to access the SJCC campus include South Bascom Avenue, Moorpark Avenue, Leigh Avenue, Fruitdale Avenue, Laswell Avenue, Kingman Avenue, and Leland Avenue. The local roadways serving the SJCC campus range from one to six-lanes, with on-street parking provided on both sides of the streets in most areas. Project area roadways are described in detail below:

South Bascom Avenue

South Bascom Avenue is a six-lane arterial road that runs in a north-south direction in the vicinity of the SJCC campus, extending northward to Newhall Street where it transitions to Washington Street, and southward to Samaritan Drive where it transitions to Los Gatos Boulevard. South Bascom Avenue has left-turn pockets provided at intersections, center medians, and parking allowed on both sides of the street. South Bascom Avenue includes sidewalks on both sides of the street and has a posted speed limit of 35 miles per hour (mph) near the SJCC campus. South Bascom Avenue provides access to the campus via its intersections with Moorpark Avenue and Kingman Avenue, and direct access to the campus via the driveway at the Technology Center (near the southeast corner of the South Bascom Avenue/Moorpark Avenue intersection).

Moorpark Avenue

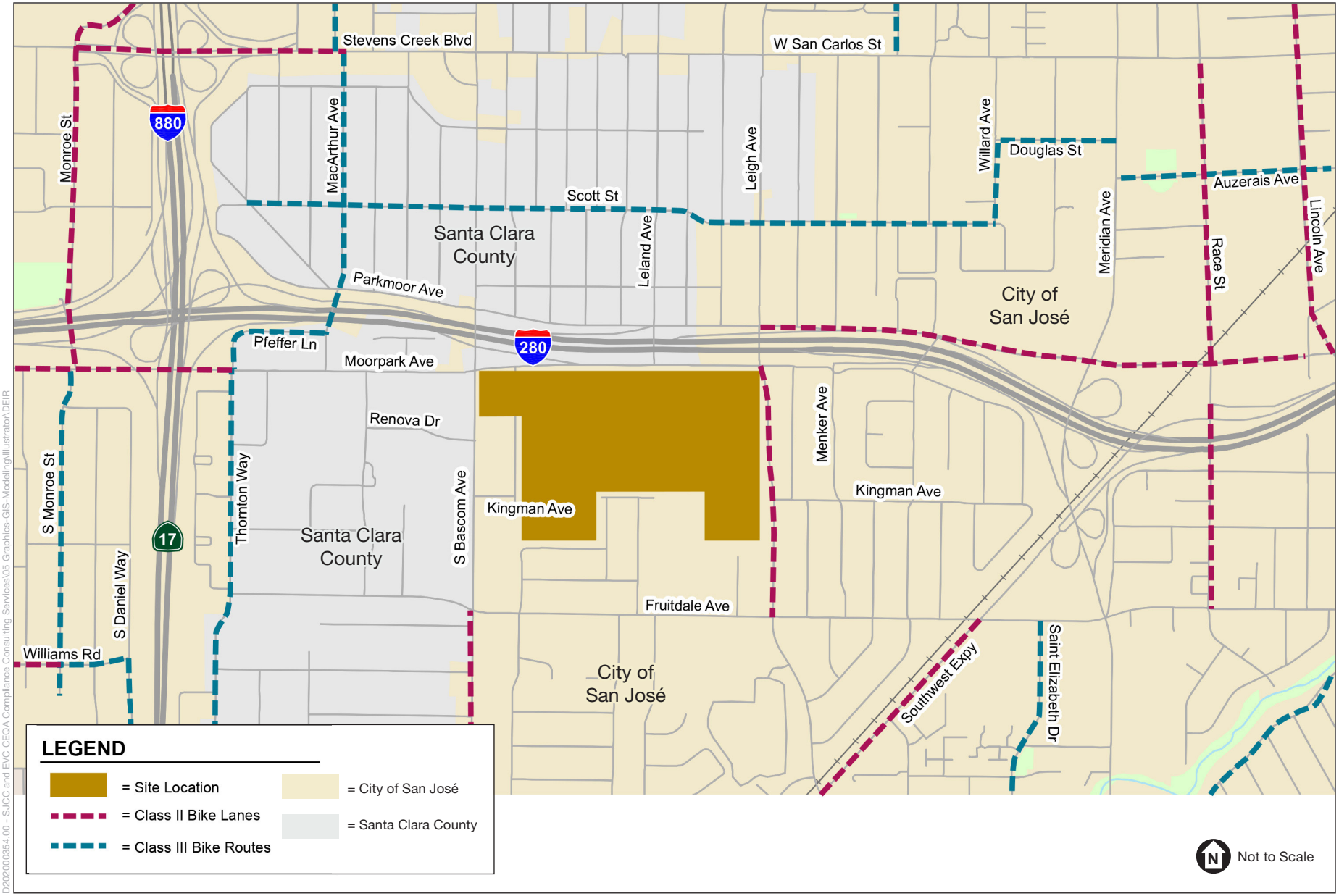
Moorpark Avenue is an east-west arterial located immediately north of the SJCC campus from east of South De Anza Boulevard in the west to Kingman Avenue in the east. Moorpark Avenue is a two-way four-lane road to the west of the Moorpark Avenue/South Bascom Avenue intersection, and a one-way three-lane road between its intersections with South Bascom Avenue and Menker Avenue; where it becomes a two-way two-lane road to the east of the Moorpark Avenue/Menker Avenue intersection. Moorpark Avenue has continuous sidewalks along the south side of the street, and gaps in sidewalks along the north side of the street near the SJCC campus. East of South Bascom Avenue, Moorpark Avenue has a posted speed limit of 35 mph, and parking is allowed along the south side of the road and on the north side of the road, with the exception of the segment of road between the I-280 off-ramp and Leland Avenue. Class II (on-street) Bicycle lanes are present west of Thornton Way. Moorpark Avenue provides direct access to the SJCC campus via three driveways and its intersections with Laswell Avenue and Leland Avenue (Ceremonial Entry).

Leigh Avenue

Leigh Avenue is a two- to four lane north-south street in the vicinity of the SJCC campus to the east, extending from West San Carlos Street in the north to Blossom Hill Road in the south. Leigh Avenue has continuous sidewalks and on-street parking on both sides of the road, and has a designated speed limit of 35 mph. Class II Bicycle lanes are present on both sides of Leigh Avenue near the SJCC campus. Leigh Avenue provides direct access to the SJCC campus via a right in-right-out driveway on the east side of the SJCC campus.

Fruitdale Avenue

Fruitdale Avenue is an east-west arterial located south of the SJCC campus, extending from South Bascom Avenue in the west to Avis Drive in the east. Fruitdale Avenue is a four-lane street east of the its intersection with South Bascom Avenue, and continues as Enborg Lane west of the intersection. East of South Bascom Avenue, Fruitdale Avenue includes left-turn pockets provided at intersections, continuous sidewalks and on-street parking on both sides of the street, and a posted speed limit of 35 mph. Fruitdale Avenue provides access to the SJCC campus via its intersections with South Bascom Avenue and Leigh Avenue.



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SOURCE: Hexagon, 2020

San José City College Facilities Master Plan - San José Evergreen Community College District

Figure 3.6-2
SJCC Area Bicycle Facilities Network

ESA

Leland Avenue

Leland Avenue is a two-lane north-south road, that extends from West San Carlos Street in the north and Moorpark Avenue in the south, adjacent to the SJCC main driveway. Leland Avenue has continuous sidewalks and on-street parking on both sides of the road and has a posted speed limit of 25 mph. Leland Avenue provides direct access to the SJCC campus via its intersection with Moorpark Avenue.

Laswell Avenue

Laswell Avenue is a two-lane north-south internal street, which extends from Moorpark Avenue in the north to the SJCC student parking lot E in the south. This internal driveway provides access to the parking lots on the west side of the SJCC campus.

Kingman Avenue

Kingman Avenue is a two-lane east-west internal street that extends from South Bascom Avenue in the west to the SJCC student parking lot E in the east. This internal driveway provides access to SJCC's west side campus parking lots.

Existing Traffic Volumes

Due to the temporary effects of the COVID-19 pandemic on traffic volumes, traffic counts under existing conditions may not provide an accurate baseline for the modeling of traffic conditions at the completion of the SJCC FMP (Hexagon Transportation Consultants, Inc., 2021). For this reason, existing traffic volumes at study intersections were estimated using historical traffic counts, and count balancing. To distinguish these calculated traffic volumes from existing conditions, they are referred to as the "Existing Baseline" throughout this analysis.

Existing Baseline traffic volumes were analyzed in the Transportation Analysis (Appendix E) for both weekday AM and weekday PM peak hours of adjacent street traffic. The AM peak hour is anticipated to occur between 7:00 AM and 9:00 AM and the PM peak hour is anticipated to occur between 4:00 PM and 6:00 PM on a regular weekday.

Existing Intersection Traffic Operations

The Transportation Analysis (Appendix E) estimated that the South Bascom Avenue/Moorpark Avenue intersection operates at LOS E during the PM peak hour, under Existing Baseline conditions, as shown in **Table 3.6-1**. This level is considered unacceptable by City of San José standards. All other signalized intersections within the study area operate at acceptable levels (LOS D or better), under Existing Baseline conditions, during the AM and PM peak hours, also shown in Table 3.6-1.

Local Transit Service

The SJCC campus area is provided transit service by VTA and includes three local bus routes (Routes 23, 25, and 61), one rapid bus route (Route 523), one express bus route (Route 103), and one light rail train (LRT) route (Green Line). The closest bus stop to the SJCC campus is located on South Bascom Avenue at Renova Drive, and is served by VTA bus routes 25 and 61. Leigh Avenue also has several bus stops present near the east campus boundary. Transit service routes are discussed further in **Table 3.6-2**, Existing Transit Service.

TABLE 3.6-1
EXISTING BASELINE INTERSECTION LEVELS OF SERVICE

# Intersection	Peak Hour	Count Date[2]	Avg. Delay (sec)[1]	LOS[3]
1. Leigh Avenue and Moorpark Avenue	AM PM	10/12/16 10/12/16	28.6 18.2	C B-
2. Leigh Avenue and Parkmoor Avenue	AM PM	10/12/16 10/12/16	28.4 22.4	C C+
3. Leland Avenue and Moorpark Avenue	AM PM	9/14/11 9/14/11	9.5 13.5	A B
4. Leland Avenue and Parkmoor Avenue	AM PM	10/26/16 10/26/16	20.7 23.9	C+ C
5. Leigh Avenue and Kingman Avenue	AM PM	9/13/18 9/13/18	13.4 13.5	B B
6. South Bascom Avenue and Renova Drive	AM PM	10/4/12 10/4/12	16.2 21.1	B C+
7. South Bascom Avenue and Moorpark Avenue	AM PM	11/7/17 12/11/18	39.0 63.7	D+ **E**
8. South Bascom Avenue and Parkmoor Avenue	AM PM	5/7/15 5/6/15	44.4 37.1	D D+
9. South Bascom Avenue and Fruitdale Avenue	AM PM	5/7/15 12/11/18	45.5 45.7	D D
10. Leigh Avenue and Fruitdal Avenue	AM PM	5/7/15 5/6/15	34.9 28.9	C- C

NOTES:
1. Delays based on average delay for signalized intersections.
2. A growth factor of 1% was applied per year from previous existing count date if older than 2018 to estimate new count data.
3. Bold indicates a substandard level of service.

SOURCE: Hexagon Transportation Consultants, Inc., 2021

TABLE 3.6-2
EXISTING VTA TRANSIT SERVICE

VTA Transit Route	Route Description	Closest Stop and Distance to the SJCC campus	Weekday Hours of Operation[1]	Headway (minutes)[1]
Local - 23	De Anza College – Alum Rock Station via Stevens Creek	West San Carlos & Blossom; 3100 ft	5:30 AM – 12:40 AM	15
Local - 25	De Anza College – Alum Rock Station via Valley Med	South Bascom & Renova; 780 ft Fruitdale & Blossom; 1,250 ft	5:25 AM – 11:55 PM	15
Local - 61	Sierra & Piedmont – Good Samaritan Hospital	South Bascom & Renova; 200 ft	5:20 AM – 10:55 PM	20
Express - 103	Eastridge – Stanford Research Park	Fruitdale Station; 2500 ft	5:05 AM – 8:25 AM 2:40 PM – 6:35 PM	25 to 80
Rapid - 523	Berryessa BART – Lockheed Martin via De Anza College	West San Carlos & Blossom; 3100 ft	6:00 AM – 10:25 PM	30
LRT Green Line	Old Ironside - Winchester	Fruitdale Station; 2500 ft	5:20 AM – 12:40 AM	19 to 27

NOTES:
1 Approximate weekday operation hours and headways during peak commute periods in the proposed Project vicinity, as of October 2020.

Source: Hexagon Transportation Consultants, Inc., 2021

Pedestrian Circulation

The existing network of sidewalks and crosswalks in the SJCC campus vicinity provides pedestrians connectivity from pedestrian facilities within the campus boundary to nearby transit stops and other uses in the SJCC campus vicinity. Pedestrian facilities within or adjacent to the SJCC campus include: sidewalks present along the east side of Laswell Avenue and the south side of Kingman Avenue; marked crosswalks with pedestrian signal heads and push buttons located at a minimum of three legs at all of the adjacent signalized intersections; and marked crosswalks at all unsignalized intersections.

Bicycle Circulation

Bicycle facilities that exist within one mile of the SJCC campus include Class II (on-street) and Class III (shared bicycle and motor vehicle) bikeways. Bicycle facilities in the SJCC campus vicinity are marked with special lane markings, pavement legends, and signage. Bicycle facilities near the SJCC campus are shown in Figure 3.6-2. Bicycle facilities providing connectivity to the campus are limited to Class II bicycle lanes on both sides of Leigh Avenue. There are no marked bicycle facilities along South Bascom Avenue, Moorpark Avenue, or Fruitdale Avenue near the SJCC campus.

Emergency Vehicle Access

Emergency transport vehicles within the SJCC campus vicinity use major streets, including South Bascom Avenue, Fruitdale Avenue, Leigh Avenue, and Moorpark Avenue, heading to and from an emergency and/or emergency facility. San José Fire Department (SJFD) Station 4 is located directly across Leigh Avenue from the SJCC campus, and the Station primarily uses the roadway to access other major streets.

Emergency access to the SJCC campus is provided via internal driveways and parking lots. Access to the SJCC campus interior is provided to emergency vehicles at gated entry points or through removal of vehicle entry barriers, including bollards, where pedestrian pathways intersect driveways and parking areas.

3.6.2 Regulatory Setting

Federal

There are no federal transportation-related regulations applicable to the SJCC FMP.

State

California Department of Transportation

The California Department of Transportation (Caltrans) is responsible for the planning, designing, constructing, operating, and maintaining all state-owned roadways, and for implementing federal highway standards for interstate highways. In the project area, Caltrans maintains the freeways (I-280 and I-880), and SR-17, SR-87, and SR-82. The Caltrans Guide for the Preparation of Traffic Impact Studies (December 2002) provides guidance on the evaluation of traffic impacts to State highway facilities. The document outlines when a traffic impact study

is needed and what should be included in the scope of the study. Caltrans is in the process of revising the guidelines to comply with the requirements set in Senate Bill (SB) 743.

Senate Bill 743

SB 743, passed in 2013, established vehicle miles traveled (VMT) as the primary metric to be used to identify transportation impacts. The VMT standard for evaluating transportation impacts under CEQA became mandatory statewide on July 1, 2020. SB 743 also eliminated level of service (LOS) impacts as a determinant of significance. As stated in the legislation, upon adoption of the new guidelines, "automobile delay, as described solely by level of service or similar measures of vehicular capacity or traffic congestion shall not be considered a significant impact on the environment pursuant to this division, except in locations specifically identified in the guidelines, if any."

Regional

Santa Clara Valley Transportation Authority

The VTA is the designated congestion management agency (CMA) for the County of Santa Clara. VTA is responsible for countywide transportation planning, including congestion management, design and construction of specific highway, pedestrian, and bicycle improvement projects. As the CMA for the County of Santa Clara, VTA establishes the transportation impact analysis (TIA) guidelines that local agencies use when analyzing the transportation impacts of land development projects on the transportation system. For projects that would generate greater than 100 new peak-hour vehicle trips, VTA requires transportation studies to follow the guidelines set forth by VTA's Congestion Management Program (CMP).

VTA also maintains the Traffic Level of Service Analysis Guidelines (2003), which presents analysis methodologies and the County's standards that must be used to evaluate LOS on CMP roadway facilities within the County of Santa Clara.

Local

City of San José

The SJCC campus is located east of a pocket of unincorporated County of Santa Clara (located across South Bascom Avenue), but otherwise, is surrounded by the City of San José. As discussed in Chapter 2, Project Description, the District has the approval authority for the SJCC FMP and is the CEQA lead agency for the environmental review of impacts resulting from implementation of the SJCC FMP. However, any project transportation impacts would occur in the City of San José's transportation system. Thus, this transportation analysis considers City of San José policies and standards, as well as methodologies established in the City of San José's Transportation Analysis Handbook, adopted in April 2020.

San José Bike Plan 2025

The City of San José is updating the San José Bike Plan 2020 to develop the Better Bike Plan 2025. The purpose of the update is to plan improvements to the City's bicycle facilities throughout the City, to improve safety, improve access to bicycle facilities and the connectivity of the bicycle facilities network, and provide incentives for more users to utilize the City's bicycle facilities.

The Better Bike Plan 2025 includes a number of proposed bicycle facilities network improvements in the vicinity of the SJCC campus, including the following improvements:

- A proposed protected bicycle lane along South Bascom Avenue, to the west of the campus, providing access to the campus from areas to the north, across I-280 and areas to the south;
- A protected bicycle lane on Moorpark Avenue, providing bicycle access along the SJCC frontage to Moorpark Avenue, and extending bicycle facilities to areas to the east and to the existing facilities to the west of I-880;
- Conversion of the existing Class II bicycle lane on Leigh Avenue to a protected bicycle lane that extends to area south of Fruitdale Avenue and continues as an anticipated Class II bicycle lane, from Moorpark Avenue to areas to the north; and
- Construction of a protected bicycle lane along Fruitdale Avenue, to the south of the SJCC campus.

The above improvements to the bicycle network would be anticipated to substantially improve connectivity to the SJCC campus. As of the publishing of the Draft EIR, the timing of these improvements has not been identified by the City. However, it is reasonably foreseeable that these improvements may be implemented during the planning horizon of the SJCC FMP.

Transportation Level of Service Policy (1978)

The City's Transportation Level of Service Policy describes mitigation measures to satisfy the transportation level of service policies in the City's General Plan.

Multi-Modal Transportation Policy (2005)

The City's Multi-Modal Transportation Policy is a set of policies set forth to address automobile traffic flow and provide mitigation, as necessary, to accommodate increases in vehicular traffic associated with new development. These policies would either prevent development or allow it only with road expansions that were in other ways counter to the City's goals.

3.6.3 Analysis, Impacts, and Mitigation

This section provides the impact analysis related to transportation for the SJCC FMP. It describes the methods used to determine the impacts of the plan and lists the thresholds used to conclude whether an impact would be significant. Measures to mitigate (i.e., avoid, minimize, rectify, reduce, eliminated, or compensate for) significant impacts accompany the discussion of each identified significant impact, as needed.

Significant Criteria

In accordance with CEQA, the effects of a project are evaluated to determine if they will result in significant, adverse impacts on the environment. For purposes of this analysis, an impact is considered significant if implementation of the proposed SJCC FMP would have the effects described below.

Would implementation of the SJCC FMP:

a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?[1]

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

d) Result in inadequate emergency access?

Approach to Analysis

Consistent with the CEQA Guidelines and the City of San José Guidelines, the transportation impact analysis in this EIR analyzes the change to VMT that would result from the implementation of the SJCC FMP. Changes to traffic operations in the proposed project area (i.e., the level of service of project area intersections) and transit operations (e.g., project generated transit ridership and effect on capacity utilization, potential delta to transit vehicles) is outside the scope of the CEQA analysis and are not discussed below. However, an analysis of the SJCC FMP effect on traffic and transit operations has been completed and is present in the Transportation Analysis (Appendix E) for informational purposes only. This appendix is provided for decisions-makers' consideration, independent of the environmental review process.

Methodology and Assumptions

Traffic Study Area

The traffic study area was selected based on a review of the SJCC campus location and the amount of traffic that could be added to transportation network components in the area.

Study Scenarios

The analysis examines four scenarios: 'Existing/Existing Baseline,' 'Proposed SJCC FMP,' 'Cumulative,' and 'Cumulative plus Proposed SJCC FMP.' Each scenario is described below.

- Existing/Existing Baseline – This scenario represents existing conditions at the SJCC campus and is based on existing population numbers and existing travel behavior. Where data from periods prior to existing are utilized to control for the effects to transportation caused by the COVID-19 pandemic, this scenario is identified as "Existing Baseline"

- Proposed SJCC FMP – This scenario represents full buildout, when the SJCC FMP has been fully implemented. This analysis uses the projected future SJCC student, faculty and non-educational staff populations and adjusted mode split numbers.

[1] CEQA Guidelines Section 15064.3, subdivision (b) refers to the discontinuation of vehicle level of service (LOS) as an impact metric for transportation analysis and instead recommends the use of vehicle miles traveled (VMT); this section gives lead agencies discretion to choose the most appropriate methodology to evaluate a project's VMT.

- Cumulative – The Cumulative scenario represents past, present, and reasonably foreseeable future projects in the vicinity of the SJCC campus, including development pursuant to the SJCC FMP through the 2030 development horizon.

Traffic Impact Analysis Methodology

Vehicle Miles Traveled Analysis Methodology

VMT per capita (per person), is the total miles of travel by a personal motorized vehicle. Generally, VMT is a measurement of the amount and distance of vehicle travel (i.e., resident, employee, or visitor drives) within a geographic region over a given amount of time that accounts for the number of passengers within a vehicle. A higher VMT corresponds with more air pollution (i.e., vehicle emissions and energy usage) than lower VMT areas. VMT is typically calculated using the Origin-Destination VMT method, which measures the full distance of personal motorized vehicle-trips with one end within the projects vicinity. The VMT is then compared to the appropriate thresholds of significance based on the project location and type of development. The SJCC VMT was divided by the number of students to determine VMT per student. As a result, if the VMT per student under the proposed SJCC FMP would be equal to or lower than the VMT per student under existing conditions (without implementation of the proposed Project), then the SJCC FMP would be considered to have a less than significant VMT impact.

The Transportation Analysis (Appendix E) evaluated the increasing SJCC student enrollment by 2,029, from 2020's existing 8,706 to 10,735 by the year 2030 under the SJCC FMP with the City of San José's Travel Demand Forecasting model using Existing Baseline (2015) and year 2030 land use and demographic projections. **Table 3.6-3** shows projected VMT for the SJCC FMP.

As shown in Table 3.6-3, the existing daily VMT per student is 5.65 miles. With implementation of the proposed project, the daily VMT by each student would decrease by 0.21 miles, from the current 5.65 VMT by each student to 5.44 VMT.

TABLE 3.6-3
VMT ANALYSIS

VMT Analysis	Existing Baseline (2015)	Proposed SJCC FMP	Difference
Number of Students	8,708	10,735	2,029
Vehicle Mode Share	81%	78%	-3%
Number of Daily Vehicle Trips to Campus	6,569	7,780	1,211
Daily Campus VMT	49, 178	58,435	9,257
Daily VMT per Student	5.65	5.44	-0.21

Source: Hexagon Transportation Consultants, Inc., 2021

The reason for this reduction in VMT is two-fold: (1) The expected improved transit service in the area by 2030 would result in higher transit and lower vehicle mode shares (see Appendix E), and (2) the student population in the area would grow at a higher rate than the student enrollment at SJCC; that is, the enrollment at SJCC would increase by 23 percent, while the number of students living within 10 miles of the SJCC campus would increase by 34 percent by 2030. This is expected

to lead to a decrease in student trip lengths and, hence, an overall decrease in VMT per student. Therefore, implementation of the SJCC FMP would not cause a significant VMT impact.

Project Trip Estimates

Trip Generation

Vehicle trips generated by the SJCC FMP were estimated using the trip rates published in the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition (2017) for "Junior/Community College" (Land Use 540) located in a general Urban/Suburban area. **Table 3.6-4** shows that the SJCC FMP would generate 223 trips (181 inbound and 42 outbound) during the AM peak hour and 223 trips (125 inbound and 98 outbound) during the PM peak hour.

TABLE 3.6-4
SJCC FMP TRIP GENERATION ESTIMATES

Land Use	Size	AM Peak Hour				PM Peak Hour			
		Rate	Trip			Rate	Trip		
			In	Out	Total		In	Out	Total
Proposed Land Uses									
Junior/Community College Location-Based Vehicle Mode Share (9%)[2]	2,029 Students 156 Staff[3]	0.110	181 (16)	42 (4)	223 (20)	0.110	125 (11)	98 (9)	223 (20)
Net Project Trips			**165**	**38**	**203**		**114**	**89**	**203**

NOTES:
1. Junior/Community College (Land Use 540), average rates expressed in trips per student are used.
2. The SJCC campus is located within an urban low-transit area based on the City of San José VMT Evaluation Tool (February 28, 2019). A 9percent reduction was applied based on the office location-based vehicle mode share percentage outputs from Table 6 of the City of San José Transportation Analysis Handbook 2020 (TA Handbook). It is assumed that the SJCC will have similar commute travel patterns to an office.
3. The staff generation estimate is based on a student-staff ratio of 13:1, which supports a conservative estimate of the service population for the SJCC during existing and 2030 conditions. The actual 2030 service population is likely be lower than is assumed here. For the purposes of this analysis, a conservative estimate is used for the analysis of potential impacts.

Source: ITE Trip Generation Manual, 10th Edition 2017; Hexagon Transportation Consultants, Inc., 2021.

Trip Adjustments and Reductions

In accordance with the City of San José's Transportation Analysis Handbook (April 2020, Section 4.8, "Intersection Operations Analysis"), the SJCC FMP is eligible for adjustments and reductions to the baseline trip generation. Based on the 2020 San José guidelines, the SJCC FMP qualifies for a location-based adjustment. The location-based adjustment reflects the SJCC FMP vehicle mode share based on the "place type" in which the campus is located per the San José Travel Demand Model. The SJCC place type was obtained from the San José VMT Evaluation Tool. Based on the VMT Evaluation Tool, the SJCC campus is located within a designated Urban Low-Transit place type. Therefore, the baseline project trips were adjusted to reflect an Urban Low-Transit mode share.

Office developments within Urban Low-Transit areas have a vehicle mode share of 91 percent (according to Table 6 of the City's *Transportation Analysis Handbook*). It is assumed that the SJCC will have similar commuting patterns as that of an office. Thus, a 9 percent reduction was

applied to the project trip generation estimates based on the location-based vehicle mode share outputs produced from the San José Travel Demand Model.

Net Trips

After applying the ITE trip rates to the proposed SJCC FMP and applying the appropriate trip adjustments, it is estimated that the SJCC FMP would generate a net of 203 trips (165 inbound and 38 outbound) in the AM peak hour and 203 trips (114 inbound and 89 outbound) in the PM peak hour (See Table 3.6-4).

Trip Distribution and Assignment

The trip distribution pattern for the SJCC FMP was estimated based on existing travel patterns on the surrounding roadway system and the locations of complementary land uses. The peak-hour vehicle trips associated with the SJCC FMP were added to the roadway network in accordance with the trip distribution pattern, the roadway network connections, and the locations of the SJCC campus driveways. Driveways providing access to campus parking are located along South Bascom Avenue, Moorpark Avenue, and Leigh Avenue. SJCC FMP trips were assigned to the campus driveways based on the proportion of parking spaces to which each of the driveways would provide access. Trip distribution and trip assignment are shown in Appendix E. Appendix E also shows the trip assignment at the campus driveways.

Impacts and Mitigation Measures

Impact 3.6-1: Implementation of the SJCC FMP could conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. (No Impact)

Vehicle Traffic

Intersection Operations

The transportation analysis prepared for the SJCC FMP evaluated intersection traffic operations at study intersections against the City of San José level of service standard (LOS D), to determine if implementation of the SJCC FMP would conflict with the City's LOS policy (see Appendix E). As noted above, level-of-service impacts are not considered significant under CEQA. The District's consideration of LOS impacts in the transportation analysis is limited to the determination of consistency with the City of San José and County of Santa Clara policies addressing the circulation system.

The results of the intersection LOS analysis show that the intersection of South Bascom Avenue and Moorpark Avenue would operate unacceptably at LOS E during the PM peak hour under Existing Baseline conditions. Under Existing Baseline Plus SJCC FMP conditions, the intersection would continue to operate at an LOS E with an increase in critical delay of approximately 1.2 seconds and a reduction in critical volume-to-capacity ratio (V/C) of 0.058. The changes in critical delay and critical V/C resulting from implementation of the SJCC FMP at the intersection do not meet the City of San José's criteria for adverse effect. All of the other signalized study intersections would operate at an acceptable level of service, LOS D or better, during the AM and PM peak hours under Existing Baseline and Existing Baseline Plus SJCC

FMP conditions. For this reason, the implementation of the SJCC would not be anticipated to conflict with the City of San José LOS policy for intersection operations.

Freeway Segments

The results of the freeway segment level of service analysis included in the Transportation Analysis prepared for the SJCC FMP show that the proposed SJCC FMP would not cause substantial increases in traffic volumes (one percent or more of freeway capacity) on any of the study freeway segments currently operating at an unacceptable LOS F, and none of the study freeway segments currently operating at an acceptable LOS E or better would worsen to LOS F as a result of the project (see Table 10 in Appendix E). Therefore, implementation of the proposed SJCC FMP would not conflict with VTA's CMP policy regarding freeway congestion.

Freeway Ramp Queuing

The Transportation Analysis prepared for the SJCC FMP evaluated the capacities of affected freeway ramps, to determine if implementation of the SJCC FMP would cause queuing on freeway ramps to exceed ramp capacity, thereby violating CMP policies related to freeway congestion (see Appendix E). The analysis concluded that implementation of the SJCC FMP would not cause freeway ramp queuing to degrade to levels of service that conflict with CMP policies. This impact would be less than significant.

Pedestrian Facilities

The SJCC FMP proposes several improvements that would expand or make improvements to existing pedestrian facilities and increase pedestrian safety within the SJCC campus. Improvements or changes to pedestrian facilities surrounding the campus would include the creation of a break in the existing sidewalk on Leigh Avenue, for the construction of the new project driveway access to the proposed South Perimeter Loop driveway, on the western side of the Leigh Avenue/Kingman Avenue intersection. The proposed driveway would become part of the signalized intersection and would include a marked and signal-controlled pedestrian crossing that would sustain pedestrian facilities along the west side of Leigh Avenue. Improvements to the Leigh Avenue/Kingman Avenue intersection would be constructed to City of San José standards and all improvements within the City of San José right-of-way would be designed and executed in consultation with and with approval of the City of San José. No other impacts to existing or planned pedestrian facilities would be anticipated to result from implementation of the SJCC FMP. This would include no impacts to facilities anticipated to be developed as part of the South Bascom Avenue Complete Streets project. Therefore, Implementation of the SJCC FMP would not conflict with an applicable program, plan, ordinance, or policy addressing pedestrian facilities.

Bicycle Facilities

The SJCC campus is near existing bike facilities on South Bascom Avenue, Leigh Avenue, and Parkmoor Avenue. The *San José Better Bike Plan 2025,* currently under preparation, is considering protected bike lanes on South Bascom Avenue, Moorpark Avenue, and Leigh Avenue, which would provide direct access to the campus. The County is also in the process of the planning the South Bascom Complete Streets project, which would be anticipated to construct a protected bicycle lane along the east Side of South Bascom Avenue, to the west of the SJCC campus, which would be anticipated to run along the existing campus driveway to South Bascom Avenue.

The existing and proposed network of bicycle facilities provide connectivity to the residential neighborhoods near the SJCC campus. The proposed SJCC FMP, would construct the new driveway at the Leigh Avenue/Kingman Avenue intersection, which would place a driveway intersection in the existing Class II bicycle lane along the west side of Leigh Avenue. As described for pedestrian facilities impacted by improvements to this intersection, bicycle facilities would be maintained through this intersection. Improvements would be constructed to City of San José standards for the provision of bicycle travel through the improved intersection. Therefore, bicycle facilities would not be adversely affected by operation of the SJCC FMP.

The project would not remove any existing bicycle facilities, nor would it conflict with any adopted plans or policies for new bicycle facilities. Further, implementation of the SJCC FMP would not make improvements to the transportation system that would conflict with bicycle facilities improvements anticipated to be developed pursuant to the City of San José Better Bike Plan 2025 or the anticipated facilities to be developed as part of the South Bascom Avenue Complete Streets project.

Transit Service

Existing transit service to the campus is provided by VTA bus routes 25 and 61. The bus stops closest to the SJCC campus are located near the South Bascom Avenue/Moorpark Avenue intersection for route 61 and the Leigh Avenue/Fruitdale Avenue or South Bascom Avenue/ Fruitdale Avenue intersections for Route 25. The campus frontage along South Bascom Avenue is located close to the Route 61 stops and provides a near direct pedestrian access to the campus. Students using Route 25 have to walk along South Bascom Avenue or Leigh Avenue before they can access either the Moorpark or the Leigh Avenue entrances, or travel through the residential neighborhood between the campus and Fruitdale Avenue.

The SJCC FMP does not make any recommendations to improve pedestrian access to these bus stops. However, implementation of the SJCC FMP would not interrupt service to those stops or require temporary relocation of VTA stops during construction of projects pursuant to implementation of the SJCC FMP.

Summary

As described above, implementation of the SJCC FMP would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. This would result in **no impact** related to this criterion.

Mitigation: None required.

Impact 3.6-2: Implementation of the SJCC FMP could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivisions (b). (Less than Significant)

As discussed above, CEQA Guidelines Section 15064.3, subdivisions (a) and (b) refer to the discontinuation of vehicle level of service (LOS) as an impact metric for transportation analysis and instead states that VMT is the most appropriate measure of transportation impacts.

As shown in Table 3.6-3, the daily VMT per student would decrease by 0.21, from 5.65 VMT with implementation of the SJCC FMP to 5.44 VMT by 2030. The reason for this reduction in VMT is two-fold: (1) The expected improved transit service in the area by 2030 would result in higher transit and lower vehicle mode shares, and (2) the student population in the area would grow at a higher rate than the student enrollment at SJCC: that is, the enrollment at SJCC would increase by 23 percent, while the number of students living within 10 miles of the SJCC campus would increase by 34 percent by 2030. This is expected to lead to a decrease in student trip lengths and, hence, an overall decrease in VMT per student. Therefore, implementation of the SJCC FMP would result in a less-than-significant impact related to VMT.

Mitigation: None required.

Impact 3.6-3: Implementation of the SJCC FMP could substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). (Less than Significant)

The SJCC FMP would change the roadway network in the vicinity of the SJCC campus through the addition of the South Perimeter Loop driveway to the west side of the Leigh Avenue/Kingman Avenue intersection. This intersection would be within City of San José right of way and would be subject to design, funding, and approval standards of the City. Therefore, these proposed improvements would be designed and constructed to maintain safe travel for all transportation modes utilizing the intersection and no geometric design features or incompatible uses would be introduced, resulting in a less than significant impact related to the introduction of such features.

Mitigation: None required.

Impact 3.6-4: Implementation of the SJCC FMP could result in inadequate emergency access. (Less than Significant)

Under the proposed SJCC FMP, facilities requiring service vehicle access would be distributed in multiple locations on campus as shown in Appendix E. Based on the location of these facilities, service vehicle access would be provided from the perimeter loop road in the north and the Kingman Avenue extension in the south. Service vehicles would share the roadway with pedestrians along the main pedestrian spine along Laswell Avenue.

As shown in Appendix E, emergency access to the SJCC campus would continue to be provided via internal driveways and parking lots. Access to the SJCC campus interior is provided to emergency vehicles at gated entry points or through removal of vehicle entry barriers, including bollards, where pedestrian pathways intersect driveways and parking areas. Implementation of the SJCC FMP would not create new obstacles for emergency vehicle access or inhibit existing access points. For this reason, implementation of the SJCC FMP would have a less-than-significant impact related to the adequacy of emergency access.

Mitigation: None required.

Impact 3.6-5: Construction activities under the SJCC FMP could temporarily impact travel conditions along sidewalks and roadways serving the SJCC site. (Potentially Significant; Less than Significant with Mitigation)

The discussion of construction impacts is based on currently available information from the District, as summarized in Chapter 2, *Project Description*; local and state regulations regarding use of the public right-of-way; and experience with typical construction practices by the District in the City of San José.

Also, as discussed in Chapter 3, implementation of the SJCC FMP would be spread over the next nine years and would preserve the SJCC's operations at the campus site during the construction period. Construction would begin in late-2021, with projects anticipated to be completed by the horizon year 2030.

Buildout of the SJCC FMP would include improvements to the Leigh Avenue/Kingman Avenue intersection for the creation of a new campus driveway for the South Perimeter Loop road. Construction of these improvements would be anticipated to require temporary closure of existing City of San José transportation facilities including closure of the sidewalk and Class II bicycle lane along the west side of the intersection, in the footprint of the proposed driveway. Additional facilities closures may include restriping or minor construction in the roadway medians to create turn pockets to accommodate vehicle access to the proposed driveway. These improvements may be anticipated to require temporary lane closures during construction. These temporary closures and impacts to City of San José transportation facilities would create obstacles for ongoing pedestrian, bicycle, and vehicle travel and would be considered potentially significant.

Construction activities at the campus site pursuant to the SJCC FMP would result in truck trips associated with the delivery of construction equipment and materials and the off haul of demolition debris, excavated soil and construction wastes, and vehicle trips to and from the site by construction workers. These trips would have the potential to cause temporary disruptions to nearby streets, transit services, and pedestrian and bicycle facilities. Specifically, construction of individual projects or phases of the SJCC FMP, including the arrival or departure of construction vehicles and delivery of construction materials may inhibit vehicle, transit, bicycle and pedestrian movement and access both intermittently and through the duration of their construction if sidewalk and walkway closures, street closures, temporary relocation of a transit stops, or bicycle route detours are required. These could also result in a temporary parking supply reduction, whether off- or on-street due to construction staging. Construction workers who drive to the site and potential temporary parking restrictions would cause a temporary increase in parking demand. Construction workers would park within SJCC parking facilities, either in available or designated parking spaces.

Prior to construction of certain phases or projects associated with the implementation of the SJCC FMP, the District and their construction contractor(s) would meet with the County of Santa Clara

and City of San José Public Works staff to develop and review truck routing plans and any required temporary roadway or sidewalk closures or detours. For any work in the public right-of-way, the construction contractor would be required to comply with the policies and requirements of the entity with jurisdiction over the affected right-of-way, including the regulations regarding sidewalk and lane closures, and would meet with relevant City or County staff to determine if any special traffic permits would be required. Prior to construction, the project contractor would coordinate with VTA to coordinate construction activities and reduce any impacts to transit operations. Additionally, any temporary traffic controls implemented as part of a construction project would be required to conform to the California Manual of Uniform Traffic Control Devices.

Although construction activities pursuant to implementation of the SJCC FMP would be temporary, construction impacts would be considered **potentially significant** given the magnitude and duration of the work and the need for on-going coordination and monitoring.

Mitigation Measure 3.6-1: Construction Coordination and Monitoring Measures

a) **Construction Traffic Control Plan** – In order to reduce potential conflicts between construction activities and pedestrians, transit and autos during construction activities at the SJCC campus, the District shall require construction contractor(s) to prepare a traffic control plan for major phases of project construction (e.g., demolition, construction, or renovation of individual buildings). The District and their construction contractor(s) will meet with relevant City and County agencies to coordinate feasible measures to reduce traffic congestion and potential traffic and transit disruption and pedestrian circulation effects during major phases of construction of the SJCC FMP projects.

b) **Reduce Drive Alone Mode Share for Construction Workers** – In order to minimize parking demand and vehicle trips associated with construction workers, the District shall require the construction contractor to include in the Construction Traffic Control Plan methods to encourage walking, bicycling, carpooling, and transit access to the campus site by construction workers.

c) **Project Construction Updates for Adjacent Residents and Businesses** – In order to minimize construction impacts on access for nearby residences, institutions, and businesses, the District shall provide nearby residences and businesses with regularly-updated information regarding project construction, including construction activities, peak construction vehicle activities (e.g., concrete pours, excavation),and travel lane closures via a newsletter, website, and/or construction update meetings with neighbors.

Significance after Mitigation: With the implementation of the construction traffic control plan for the construction the SJCC FMP, the local roadways and freeway facilities would continue to operate acceptably and there would not be increased frequency of multimodal conflicts. Temporary impacts to City of San José transportation facilities, including lane closures and closure of pedestrian and bicycle facilities would be mitigated through the provision of alternative routes or accesses during construction, the placement of appropriate signs and notices, and the control of traffic flow around temporary closures.

Reduction of construction worker trips through rideshare and the encouraged use of multimodal transportation would further reduce potential conflicts.

In addition, the provision of construction updates to adjacent land uses would inform residents and workers in those areas, who may opt to avoid peak construction traffic, where feasible. Implementation of these measures would reduce potential temporary impacts from construction pursuant to implementation of the SJCC FMP to **less than significant**.

Cumulative Impacts

Cumulative Operational VMT Impact Analysis

The City of San José employs a VMT methodology that requires projects to demonstrate consistency with the *Envision San José 2040 General Plan* to address cumulative VMT impacts. Consistency with the City's General Plan is based on a project's density, design, and conformance to the City General Plan goals and policies. If a project is determined to be inconsistent with the City General Plan, a cumulative impact analysis is required as part of the City's *Transportation Analysis Handbook*. As VMT impacts from the SJCC FMP would take place on the City of San José's roadway system, surrounding the project site, the District has chosen to utilize the City's methodology in analyzing cumulative VMT impacts for the SJCC FMP.

Cumulative Construction Projects

There are approximately 25 approved or reasonably foreseeable construction projects within one (1) mile of the SJCC campus site in the City of San José, as shown in Table E-1 in Appendix E of the Draft EIR. This development would include approximately 2,718 new residential units and approximately 1,900,000 square feet of non-residential development (City of San José, 2021).

Impact C-3.6-6: Implementation of the SJCC FMP, in combination with other development, could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivisions (b). (Less than Significant Cumulative Impact)

Implementation of the SJCC FMP would be consistent with the *Envision San José 2040 General Plan* goals and policies for the following reasons:

- The SJCC campus is located adjacent to bus stops on South Bascom Avenue and Leigh Avenue.
- Implementation of the SJCC FMP would slightly increase the employment density in the SJCC campus area, and the proposed density would be consistent with the General Plan Land Use Designation.
- The SJCC FMP would provide improvements to pedestrian connectivity in the vicinity of the SJCC campus.

Therefore, based on the SJCC FMP, it would be consistent with the *Envision San José2040 General Plan*. Consistent with the City's VMT methodology, the District is not required to prepare a cumulative VMT impact analysis.

Implementation of the SJCC FMP would be considered as part of the cumulative solution to meet the City General Plan's long-range transportation goals and would result in a **less-than-significant** cumulative impact.

Mitigation: None required.

Impact C-3.6-7: Implementation of the SJCC FMP, in combination with other development, could result in inadequate emergency access. (Less than Significant Cumulative Impact)

As addressed in the discussion of Impact 3.6-4, above, facilities requiring service vehicle access would be distributed in multiple locations on campus. Based on the location of these facilities, service vehicle access would be provided from the perimeter loop road in the north and the Kingman Avenue extension in the south. Service vehicles would share the roadway with pedestrians along the main pedestrian spine along Laswell Avenue.

As under existing conditions, emergency access to the SJCC campus under the SJCC FMP would continue to be provided via internal driveways and parking lots. Access to the SJCC campus interior is provided to emergency vehicles at gated entry points or through removal of vehicle entry barriers, including bollards, where pedestrian pathways intersect driveways and parking areas. Implementation of the SJCC FMP would not create new obstacles for emergency vehicle access or inhibit existing access points.

Implementation of the SJCC FMP would not result in elimination of vehicular access points to the campus from perimeter roads (i.e., South Bascom Avenue, Moorpark Avenue, and Leigh Avenue).

As discussed in the Environmental Setting, SJFD Station 4 is located directly across Leigh Avenue from the east campus driveway. Under cumulative conditions, no known projects would be anticipated to inhibit emergency access in the project area. No roadway improvements in the project area would eliminate existing emergency access points. Therefore, implementation of the SJCC FMP would not result in a cumulative contribution to a significant cumulative impact related to emergency access. This cumulative impact would be **less than significant**.

Mitigation: None required.

Impact C-3.6-8: The proposed SJCC FMP would cause construction-related traffic impacts that would be cumulatively considerable under cumulative conditions. (Cumulatively Significant; Less than Cumulatively Considerable)

The cumulative context for construction impacts would be other projects in the immediate vicinity that would be constructed concurrently with the SJCC FMP. These include known or anticipated development projects in the SJCC campus area. In addition, known or anticipated infrastructure projects in the SJCC campus area could include the South Bascom Avenue

Complete Streets Project and construction of bicycle facilities as described in the City's Better Bike Plan 2025 along the major roadways surrounding the campus.

These cumulative projects would be anticipated to add additional construction traffic to roadways that would be affected by construction traffic from projects pursuant to implementation of the SJCC FMP. The specific periods of construction or periods when construction traffic from cumulative projects within the City or unincorporated County would be at their peak would vary by project and cannot be specifically planned over the planning and development horizon of the SJCC FMP. For this reason, construction pursuant to implementation of the SJCC FMP in combination with cumulative construction could have a **potentially-significant cumulative impact**.

As implementation of the SJCC FMP would take place through the year 2030 and include a notable amount of new construction, demolition, and renovation/remodeling, the contribution of the SJCC FMP development to cumulative development in the SJCC campus area could be considered **cumulatively considerable**.

> **Mitigation:** Implement **Mitigation Measure 3.6-1: Construction Coordination and Monitoring Measures.**
>
> **Significance after Mitigation:** With the implementation of the construction traffic control plan for the SJCC FMP, the local roadways and freeway facilities would continue to operate acceptably and there would not be increased frequency of multimodal conflicts. Reduction of construction worker trips through rideshare and the encouraged use of multimodal transportation would further reduce potential conflicts. In addition, the provision of construction updates to adjacent land uses would inform residents and workers in those areas, who may opt to avoid peak construction traffic, where feasible.
>
> As the specific periods in which the implementation of the proposed project would overlap cumulative projects in the SJCC campus area, there is both potential for a substantial amount of overlapping traffic and difficulty in predicting when project construction activities may overlap with cumulative traffic.
>
> Implementation of these measures to reduce and manage the impacts of construction traffic may not be sufficient to reduce the cumulative impact from construction traffic to less than significant. However, implementation of this measure would be anticipated to reduce potential temporary impacts from construction pursuant to implementation of the SJCC FMP to **less than cumulatively considerable**.

3.6.4 References

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3.7 Utilities and Service Systems

This section describes and evaluates potential impacts of the SJCC FMP on public utilities and service systems such as water supply, wastewater, solid waste, and related infrastructure. This section relies in part on a water supply evaluation that was conducted by West Yost Associates, in support of this EIR, included as EIR **Appendix F**. Section 3.3, *Energy*, discusses potential impacts related to electricity and natural gas supply and demand.

3.7.1 Environmental Setting

SJWC Water Supply

San Jose Water Company (SJWC) supplies potable water to approximately 1 million residents of Santa Clara County. SJWC service area spans 139 square miles, including most of the City of San Jose and Cupertino, the entire cities of Campbell, Monte Sereno, Saratoga, Town of Los Gatos, and parts of unincorporated Santa Clara County (City of San José, 2016).

SJWC has three sources of potable water supply: groundwater, imported treated surface water and local surface water. On average, groundwater from the major water-bearing aquifers of the Santa Clara Subbasin comprise one third of SJWC's potable water supply. These aquifers are recharged naturally by rainfall and streams and artificially mainly by recharge ponds operated by the Santa Clara Valley Water District (Valley Water). SJWC is under contract with the Valley Water for the purchase of just over 50 percent of the needed water supply. This water originates from several sources including local reservoirs, the State Water Project, and the federally funded Central Valley Project San Felipe Division. Water is piped into SJWC's system after it is treated at one of three Valley Water treatment plants. SJWC's final source of potable supply is from surface water in the local watersheds of the Santa Cruz Mountains. Surface water typically provides about seven percent of total water supply depending on the amount of annual rainfall. This water is collected in a series of lakes and streams and then directed to the SJWC treatment plants prior to entering the distribution system (City of San José, 2016).

SJWC delivers potable water to the SJCC campus through water distribution lines in the surrounding streets, including Moorpark Avenue, Mansfield Drive, Kingman Avenue, and Leigh Avenue.

A fourth and growing source of water supply is non-potable recycled water from South Bay Water Recycling (SBWR). Recycled water is wastewater that has been processed and treated to a suitable quality for non-drinking use, such as for irrigation of landscaped areas in schools, parks, business parks, golf courses and for agricultural land. The recycled water is sourced from effluent treated at the San José-Santa Clara Regional Wastewater Facility (RWF) (City of San José, 2016). SJWC maintains a wholesaler-retailer agreement with the City of San José to provide recycled water to SJWC's existing and new customers located near SBWR recycled water distribution facilities; wherein the City of San José is the wholesaler and SJWC is the retailer. Recycled water, though available in other parts of San José, is not currently delivered to the SJCC campus.

SJWC Water Demand

SJWC's 2015 Urban Water Management Plan (UWMP) provides demand projections for 2020 to 2040 for SJWC's water service area, which includes the SJCC campus. Demand projections are provided by use type (e.g., single family, multi-family, commercial, industrial, institutional, etc.). SJWC's potable water demand projection in 2020 was 45,817 million gallons, in 2030 is 48,928 million gallons, and in 2040 is 52,486 million gallons. SJWC's non-potable water demand in 2020 was 1,327 million gallons, in 2030 is 2,721 million gallons, and in 2040 is 2,727 million gallons.

SJWC's 2015 UWMP does not specifically identify water demand projections for specific customers, such as SJCC. However, it is assumed that projected water demands for the SJCC campus are included in SJWC's demand projections and are classified by SJWC as institutional/ governmental. Per SJWC's demand projections, institutional/ governmental water use makes up less than 5 percent of SJWC's overall projected water demands through 2040.

SJWC Water Supply Reliability

SJWC's 2015 UWMP evaluated the reliability of its water supplies and the ability to meet projected water demands through 2040 under average year conditions, single dry year conditions and multiple dry year conditions. SJWC's water sources are constrained by factors that include hydrologic conditions, water quality, and legal restrictions.

SJWC projected adequate supplies for years 2020 to 2040 to meet system demand under average year conditions. SJWC also projected adequate supplies for years 2020 to 2035 to meet system demand under single dry year conditions; a supply shortage of about 6 percent was projected in 2040. SJWC projected adequate supplies for 2020 to 2040 to meet system demands under the first year of a multiple year drought, but projected shortages during the second and third years of a multiple year drought from 2020 to 2040. The projected supply shortages reach almost 41 percent in the third year of a drought in 2040.

SJWC's 2015 UWMP stated that Valley Water's then current (2015) water supply reserves were insufficient to meet SJWC needs throughout an extended drought, and that there were increasing concerns about the reliability of imported treated surface water during average years, driven by risks associated with climate change, reductions in imported water supplies, revenue requirements, and threats to infrastructure.

In January 2019, the Valley Water Board of Directors approved an updated long-term water supply reliability level-of-service goal. The goal is to develop supplies to meet at least 100 percent of annual water demand identified in the Valley Water's Master Plan during non-drought years and at least 80 percent of annual water demand in drought years.

In November 2019, Valley Water completed its Water Supply Master Plan 2040 (WSMP 2040) which provides a strategy for meeting future water demands consistent with Valley Water's updated level of service goal. Valley Water's Ensure Sustainability water supply strategy relies on the following three elements to provide a reliable supply of water to meet needs through 2040: (1) secure existing supplies and infrastructure; (2) increase water conservation and water reuse;

and (3) optimize the use of existing supplies and infrastructure. With the phased implementation of planned future projects, Valley Water's available supplies are projected to increase over time. Planned future projects include Transfer Bethany Pipeline (2025); Anderson Dam Seismic Retrofit and Potable Reuse (2030); Guadalupe, Calero, and Almaden Dam Seismic Retrofits and Pacheco Reservoir Expansion (2035); and an additional 35,000 acre-feet per year of water conservation.

With Valley Water's Ensure Sustainability water supply strategy in place, for a six-year drought similar to the 1987 to 1992 drought at a 2040 demand level, the supplies would be sufficient to meet 100 percent of demand during the first five years of drought and more than 90 percent in the last year. Implementation of the Ensure Sustainability water supply strategy would also reduce the frequency and magnitude of short-term water use reductions under 2040 demands. With full implementation of all elements of the water supply strategy, short-term water use reductions would occur only 3 percent of the time, and the maximum call for water use reductions would be 20 percent.

Both SJWC and Valley Water are currently preparing their 2020 UWMPs which are due to the California Department of Water Resources by July 1, 2021. The final 2020 UWMPs were not available for consideration at the time of preparation of this EIR. However, based on Valley Water's updated long-term water supply reliability level-of-service goal and the recommendations in its WSMP 2040, it is anticipated that SJWC's 2020 UWMP will show improved water supply reliability as compared to the 2015 UWMP.

SJWC's 2015 UWMP includes a Water Shortage Contingency Plan which outlines water shortage stages and actions to be taken under each stage to reduce water demands in the event of a supply shortage. It is assumed that SJWC will update its Water Shortage Contingency Plan in conjunction with its 2020 UWMP. As a customer of SJWC, the District will be subject to the water demand reduction actions enacted by SJWC in the event of a water shortage.

Existing SJCC Water Demand

Existing SJCC campus water consumption for 2018 and 2019 was evaluated to understand existing campus water use and trends. Water consumption for the SJCC campus in 2020 was not considered as it would not be representative of typical campus operations due to the COVID-19 pandemic.

A summary of campus water use in 2018 and 2019 is provided in **Table 3.7-1**. As shown, water use on the SJCC campus in 2018 and 2019 was very similar in both years with total water use of about 20 million gallons per year, or about 55,000 gallons per day (gpd). That water use equates to a little under 6 gpd per person, based on the estimated student enrollment and campus staff for each year, or about 0.09 gpd per the existing gross square footage of campus buildings.

Based on the SJWC projections for institutional/governmental water use, the existing (2019) SJCC annual water use is less than one percent of SJWC's projected 2020 institutional water demand (and less than 0.04 percent of SJWC's projected 2020 overall demand). The projected 2030 SJCC water use of 25.2 million gallons per year is about one percent of SJWC's projected 2030 institutional water demand (and less than 0.05 percent of SJWC's projected overall demand).

TABLE 3.7-1
SJCC WATER CONSUMPTION – 2018 AND 2019

Water Consumption Variables	2018	2019	Units
Total Annual Water Use [a]	20,070,336	20,422,644	Gallons per Year
Average Daily Water Use	54,987	55,952	Gallons per Day
Estimated Service Population [b]	9,304	9,376	Students and Staff
Average Daily Water Use per Person	5.91	5.97	Gallons per Day / Person
Building Gross Square Footage	634,693	634,693	Gross Square Feet
Average Daily Water Use per Gross Square Feet	0.087	0.088	Gallons per Day / Gross Square Feet

NOTES:
[a] Based on San José Water Company water bills for SJCC water use accounts in 2018 and 2019.
[b] Estimated service population includes full-time equivalent student enrollment and staff

Wastewater

Wastewater generated on campus is discharged to City of San José wastewater collection lines, and conveyed to and treated at the RWF located approximately 8.4 miles north of the SJCC campus. The RWF is the largest advanced wastewater treatment facility in the western United States, treating an average of 110 million gallons per day (mgd) of wastewater with a capacity of 167 mgd. The RWF is owned by the cities of San José and Santa Clara, and serves 1.4 million residents and over 17,000 businesses in eight cities and four sanitation districts in the region (City of San José, 2020).

Existing SJCC Wastewater Generation

Wastewater generated on the campus is collected into 4- to 6-inch pipes and flows into the City's 4- to 6-inch pipes at Moorpark Avenue, Mansfield Drive, and Leigh Avenue. Existing peak wastewater generation associated with the campus is estimated to be approximately 55,690 gpd or 0.05 mgd[1] based on the 2019 service SJCC service population (combined student enrollment and staff).[2]

Stormwater

The campus is served by stormwater infrastructure, which is owned and maintained by the City of San José. An existing 54-inch storm gravity main in Moorpark Avenue drains stormwater serves the campus along the northern perimeter of the campus; an 18-inch diameter storm gravity main in Kingman Road drains the southern portion of the campus (City of San José, 2020a).

[1] Estimated wastewater is based on 90 percent of SJCC campus water demand [61,878 gpd (existing) X 90 percent = 55,690 gpd or 0.05 mgd]. For details regarding water demand, refer to Appendix F, Water Supply Evaluation.

[2] Note: 2019 is used as the baseline year for existing conditions as 2020 is not representative of typical campus operations due to the COVID-19 pandemic and corresponding stay-at-home orders that were in effect.

Solid Waste

Solid waste generated on the campus is collected by a private hauler and is disposed at any of four privately owned landfills in San José or at other landfills outside the County. Landfills serving the City include Kirby Canyon. Closure dates for these facilities range from 2025 to 2048 and these facilities have approximately 16,191,600 cubic yards to 21,200,000 cubic yards of remaining capacity (California Department of Resources Recycling and Recovery, 2019a,b,c).

It is estimated that the campus generates approximately 6,965 pounds of solid waste per day based on a demand factor obtained from a comparable college campus.[3] However, this estimate is conservative as it does not take into account on going recycling programs on the campus such as source separating paper products.

Other Utilities

Pacific Gas and Electric Company (PG&E) provides electricity and natural gas to the campus, which is discussed in more detail in Section 3.3, *Energy*.

3.7.2 Regulatory Setting

Federal

There are no federal regulations pertaining to public utilities and service systems that are applicable to the SJCC FMP.

State

Urban Water Management Planning Act

All public water systems that provide water for municipal purposes to more than 3,000 customers, or that supply more than 3,000 acre-feet per year (AFY) are required to prepare an Urban Water Management Plan (UWMP), pursuant to California Water Code Section 10610 et seq. UWMPs are key water supply planning documents for municipalities and water purveyors in California. The intent of the UWMP is to support water agencies and water suppliers with resource planning to meet existing and anticipated future water demands. UWMPs must be updated every 5 years.

Senate Bill 610

Senate Bill (SB) 610 adopted by the California Legislature in 2002 requires that cities and counties, when evaluating large development and redevelopment projects, to request an assessment of the availability of water supplies from the water supply entity that will provide water to a project. The Water Supply Assessment (WSA) is performed in conjunction with the land use approval process associated with a project, and includes an evaluation of whether there will be adequate projected water supply over a 20-year timeframe, based on normal, single, and multiple dry years, to meet a project's water demands. When a new development project is

[3] Based on an estimated solid waste generation rate of 0.8 pounds/day/student [8,706 students (existing 2020) X 0.8 pounds/day/student = 6,965 pounds].

accounted for in the demand projections of an UWMP, the WSA can refer to UWMP and no further analysis is necessary.

Water Code 10910 and 14 CCR 15155 (entitled "City or County Consultation with Water Agencies") apply only to cities and counties. Water Code Section 10910(a) states: "Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part."

2018 Bay-Delta Plan Amendment

In December 2018, the State Water Resources Control Board adopted amendments to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, which establishes water quality objectives to maintain the health of the rivers and the Bay-Delta ecosystem.[4] Among the goals of the adopted Bay-Delta Plan Amendment is to increase salmonid populations in the San Joaquin River, its tributaries (including the Tuolumne River), and the Bay-Delta. Specifically, the plan amendment requires increasing flows in the Stanislaus, Tuolumne, and Merced Rivers to 40 percent of unimpaired flow[5] from February through June every year, whether it is wet or dry. During dry years, this would result in a substantial reduction in the water supplies from the Tuolumne River watershed.

Assembly Bill 325

Assembly Bill (AB) 325, the Water Conservation in Landscaping Act of 1990, directs local governments to require the use of low-flow plumbing fixtures and the installation of drought-tolerant landscaping in all new development. Pursuant to the Water Conservation in Landscaping Act, the California Department of Water Resources developed a Model Water Efficient Landscape Ordinance.

Assembly Bill 939

The California Integrated Waste Management Act of 1989 (AB 939) requires municipalities to divert to recycling facilities at least 50 percent of all solid waste generated by the year 2000 and establishes the goal of diverting at least 75 percent of generated waste (based on per capita disposal rates) by 2020.

California Universal Waste Rule

Under CCR Title 22, Division 4.5, Chapter 23 Standards pertaining to the management of universal wastes are established in California. Universal wastes are hazardous wastes that are widely produced such as: televisions, computers and other electronic devices as well as batteries, fluorescent lamps, mercury thermostats, among others. As universal wastes may contain hazardous substance such as mercury, lead cadmium, copper, or other substances hazardous to

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4 State Water Resources Control Board Resolution No. 2018-0059, *Adoption of Amendments to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary and Final Substitute Environmental Document,* December 12, 2018, available at https://www.waterboards.ca.gov/plans_policies/docs/2018wqcp.pdf.

5 "Unimpaired flow" represents the water production of a river basin, unaltered by upstream diversions, storage, or by export or import of water to or from other watersheds.

human and environmental health, such items may not be discarded in municipal landfills and must be recycled, where valuable metals may be recovered and reused (DTSC, 2016).

California Green Building Standards Code

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards Code (CALGreen Code). The CALGreen Code is intended to encourage more sustainable and environmentally friendly building practices, conserve natural resources, and promote the use of energy-efficient materials and equipment. Since 2011, the CALGreen Code has been mandatory for all new residential and non-residential buildings constructed in the state.

Mandatory measures related to water conservation include water-conserving plumbing fixture and appliance requirements, including flow rate maximums, compliance with state and local water-efficient landscape standards for outdoor potable water use in landscape areas, and recycled water systems, where available.

The CALGreen Code was most recently updated in 2019 to include new mandatory measures for residential and non-residential uses; the 2019 amendments to the CALGreen Code became effective January 1, 2020. Updates include a requirement that all residential and non-residential developments adhere to a local water efficient landscape ordinance or to the State of California's Model Water Efficient Landscape Ordinance, whichever is more stringent.

General Construction Activity Stormwater Permit

In accordance with National Pollutant Discharge Elimination System (NPDES) regulations, to minimize the potential effects of construction runoff on receiving water quality, the State requires that any construction activity affecting one acre or more obtain coverage under a General Construction Activity Stormwater Permit (Construction General Permit). The current Construction General Permit is the modified 2017 NPDES Construction General Permit (CGP) for Storm Water Discharges from Construction Activities, effective June 27, 2019. CGP applicants are required to prepare and implement a storm water pollution prevention plan (SWPPP) which includes implementing best management practices (BMPs) to reduce construction effects on receiving water quality by implementing erosion and sediment control measures and reducing or eliminating non-stormwater discharges. Examples of typical construction BMPs in SWPPPs include, but are not limited to: using temporary mulching, seeding, or other suitable stabilization measures to protect uncovered soils; storing materials and equipment so as to ensure that spills or leaks cannot enter the storm drain system or surface water; developing and implementing a spill prevention and cleanup plan; and installing sediment control devices such as gravel bags, inlet filters, fiber rolls, or silt fences to reduce or eliminate sediment and other pollutants from discharging to the local drainage system or receiving waters.

The CGP includes what are known as Construction and Development rule requirements which have non-numeric effluent limitations that apply to all permitted discharges from construction sites (40 CFR 450.21). The effluent limitations are structured to require construction operators to first prevent the discharge of sediment and other pollutants through the use of effective planning and erosion control measures; and second, to control discharges that do occur through the use of effective sediment control measures. Operators must implement a range of pollution control and

prevention measures to limit or prevent discharges of pollutants, including those from dry weather discharges as well as wet weather (i.e., stormwater).

Phase II General Stormwater Permit (SWRCB Order Nos. 2003-0005-DWQ and 2013-0001-DWQ)

In 2003, the State Water Resources Control Board (SWRCB) adopted the General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer System (MS4s), SWRCB Order No. 2003-0005-DWQ (Phase II General Stormwater Permit), which applies to small municipal separate storm water systems. A revised permit was approved in 2013 (Order No. 2013-0001-DWQ).

The SWRCB is developing a proposed reissuance of the General Permit for consideration of adoption by the SWRCB in 2021. It is expected that community college districts will be designated in this iteration of the permit.

Local

San Jose Water Company Urban Water Management Plan

The SJWC adopted its 2015 UWMP in June 2016. The 2015 UWMP includes projected water supplies required to meet existing and future demands through the year 2040. The 2015 UWMP serves two primary purposes: the UWMP is a master plan to inform water supply resource management, and serves as a reporting document for compliance with California Water Code and California Urban Water Management Planning Act of 1983.

The 2015 UWMP includes water demand projections for the SJWC service area through the year 2040 based on population and use projections. The UWMP also takes into account anticipated demand decreases due to current conservation efforts in the service area. Additionally, future retail water supply projects including recycled water projects are considered in the UWMP (SJWC, 2016).

SJWC is currently updating its UWMP, and the SJWC 2020 UWMP anticipated to completed and adopted by June 2021.

Refer to Section 3.7.1 for a summary of relevant information from SJWC's UWMP pertaining to SJWC water supply, water demand, and water system reliability.

City of San José Post-Construction Urban Runoff Management Policy

The City of San José established specific requirements in its Post-Construction Urban Runoff Management Policy (Policy 6-29) to minimize and treat stormwater runoff from new development and redevelopment projects, which is consistent with the San Francisco Bay Region Municipal Regional Stormwater NPDES Permit (or MRP) the City participates in. As the SJCC FMP would create or replace 10,000 square feet or more of impervious surface area, the project would be considered a "regulated project" and would be required to utilize site design and source control measures and numerically-sized Low Impact Development (LID) stormwater treatment measures to minimize (reduce volume) and treat stormwater runoff through LID measures and source control of pollution (City of San José, 2011).

Construction Demolition Diversion Deposit Program

Chapter 9.10, Part 15 of the City of San José Municipal Code establishes a construction and demolition (C&D) debris deposit program to ensure that at least 50 percent of such waste is recovered and diverted from landfills. Chapter 9.10 of the San José Municipal Code also outlines solid waste management regulations in the City. Pursuant to Municipal Code 9.10.2480(c), notwithstanding any other provision to the contrary, a building permit (filed on or after 2013) documenting completion of a construction waste management plan shall be deemed in compliance at a 75 percent level as determined by the director, in accordance with California Green Building Standards Code (City of San José, 2021).

SJECCD

Climate Change and Sustainability Resolution and Policy

In January 2020, the Board of Governors of the California Community Colleges adopted a *Climate Change and Sustainability Resolution* and *Climate Change and Sustainability Policy* (California Community Colleges, 2020) as part of their ongoing commitment to environmental sustainability and providing California community college students and their communities sustainable and safe learning environments. Together the resolution and policy acknowledge the urgency of climate change and its impact on community college campuses, communities and state.

Adoption of this policy and resolution aligns the efforts of the California Community Colleges on climate change and sustainability with California's *Climate Change Strategy*. The policy and resolution provide a set of seven goals to be achieved by 2030, with incremental progress for each expected by 2025. Goal 7 is for California Community Colleges is by 2025, to reduce municipal solid waste by 25 percent compared to current levels; and by 2030 to reduce municipal solid waste by 50 percent compared to current levels.

SJECCD District Standards + Campus Guidelines Handbook

The SJECCD District Standards + Campus Guidelines Handbook provides guidelines and standards for new development intended to be considered in conjunction with applicable building codes and regulations (SJECCD, 2014).

Part B, Sustainable Design Guidelines includes guidance on, among other topics, water efficiency and conservation. Three important consideration included in Part B includes:

- Achieve water efficiency and conservation through efficient use of water indoors, outdoors and in waste water conveyance.
- By employing a variety of water-wise strategies, limited water resources may be conserved and safeguarded.
- Landscape management best practices, such as drought-tolerant native plants, aid in water conservation and protection of local watersheds.

Part C Hardscape Elements, Part H, Landscape elements, and Park K, Irrigation Standards includes guidance on, among other topics, stormwater management and water conservation, including:

- Opportunities for sustainable stormwater management include the use of permeable paving and bioswales where appropriate.
- Site drainage shall be directed into planted bio-swales where appropriate to minimize run-off to storm drains and meet CalGreen stormwater guidelines.
- Permeable pavers are an excellent solution for allowing site water to infiltrate without the use of storm basins.
- Quads and plazas can be planted with water conserving grass and large trees for shade.
- Individual irrigation systems around the campus shall be designed to water the entire landscaped area within that area in one evening between the hours of 10 pm and 8 am.
- Irrigation systems and plans shall be designed to meet the requirement of the State of California Assembly Bill AB 1881 and the Model Water Efficient Landscape Ordinance (MWELO) of the City of San Jose.

3.7.3 Analysis, Impacts, and Mitigation

Standards of Significance

The impact from the implementation of the SJCC FMP to the utilities and service systems would be considered significant if it would:

a. require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power or natural gas or telecommunications facilities, the construction of which could cause significant environmental effects;

b. (not) have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years;

c. result in a determination by the wastewater treatment provider that it has (in)adequate capacity to serve the project's projected demand in addition to the providers existing commitments;

d. generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair attainment of solid waste reduction goals; or

e. fail to comply with federal, State, or local management and reduction statutes and regulations related to solid waste.

Methodology

This evaluation of potential impact to utilities and service systems is based on a comparison of the existing and projected demand for utilities and the resulting need, if applicable, for any new expanded or modified facilities to meet the projected increased demand. Under CEQA, impacts are typically considered to be significant if a project will require new or expanded utilities service facilities, the construction of which will result in significant environmental effects.

Impacts and Mitigation Measures

Impact 3.7-1: The SJCC FMP would not require or result in the relocation or construction of new or expanded water facilities, the construction or relocation of which could cause significant environmental effects. *(Less than Significant)*

Utility infrastructure improvements would be required within or adjacent to the SJCC campus to serve proposed development under the proposed SJCC FMP. Improvements may include those for campus domestic and emergency water, wastewater, stormwater, electric and natural gas, and/or telecommunications utility infrastructure. In addition, the SJCC proposes to replace the existing chillers (used for heating and cooling the campus) with three (3) 375-ton chillers installed within its Central Plant building.

Construction activities associated with these utility improvements would have the potential to result in significant or potentially significant impacts. However, compliance with mitigation measures and other construction-related regulatory requirements discussed in other sections of this EIR, including Section 3.1, *Air Quality*; Section 3.5, *Noise and Vibration*, and Initial Study sections for *Biological Resources*, *Geology and Soils*, *Hazards and Hazardous Materials*, and *Hydrology and Water Quality*, would reduce construction-related effects associated with utility improvements to a less than significant level. As a result, the impacts associated with the construction of new utilities to serve the proposed SJCC FMP would be less than significant.

Mitigation: None required.

Impact 3.7-2: Sufficient water supplies would be available to serve the SJCC FMP and reasonably foreseeable future development during normal, dry, and multiple dry years. *(Less than Significant)*

Implementation of the SJCC FMP would result in an increased demand for water at the SJCC campus, which is supplied to the campus by the SJWC. The water supply evaluation prepared for the SJCC FMP is provided as Appendix F.

The SJCC FMP would accommodate an increase in student enrollment and faculty/staff at the SJCC campus over the course of its implementation (i.e., estimated increase in students from 8,806 in 2019 to 9,376 students in 2030; and increase in staffing from 670 in 2019 to 826 in 2030). **Table 3.7-2** presents the estimated existing (2019) SJCC water use and the projected 2030 SJCC water use based on the proposed 2030 service population and using the 2019 average daily water use per person. Using the existing average daily water use rate provides a conservative water use estimate, as it does not reflect future water conservation requirements and measures that would be expected to be implemented at the SJCC campus over time that would have the effect of providing additional water use efficiency.[6] As shown in Table 3.7-2, the projected future

[6] It should also be noted that for comparison purposes, the projected SJCC water use under the proposed SJCC FMP was separately estimated based on the estimated increase in building square footage that would have a water demand (e.g., excluding the proposed parking garage). This approach yielded a similar, although slightly lower, projected water use than the method based on population. Consequently, as a conservative approach, the projection method based on population increase was used for this EIR.

SJCC campus water use under the SJCC FMP of 25.2 million gallons per year would be approximately 4.8 million gallons per year over the existing campus water use – an increase of approximately 24 percent.

TABLE 3.7-2
SJCC WATER CONSUMPTION IN 2030 UNDER SJCC FMP

Water Consumption Variables	2019	2030	Units
Estimated Service Population	9,376	11,561	Students and Staff
Average Daily Water Use per Person	5.97	5.97	Gallons per Day / Person
Estimated Average Daily Water Use	55,952	69,000	Gallons per Day
Estimated Total Annual Water Use	20,422,644	25,200,000	Gallons per Year

As discussed in the Environmental Setting, the existing SJCC water use of about 20.4 million gallons per year accounted for less than one percent of SJWC's projected 2020 institutional water demand, and less than 0.04 percent of SJWC's projected 2020 overall demand. The projected 2030 SJCC water use of 25.2 million gallons per year under the SJCC FMP would represent approximately one percent of SJWC's projected 2030 institutional water demand and less than 0.05 percent of SJWC's projected overall demand.

SJWC's 2015 UWMP indicated that SJWC had adequate supplies to meet projected demands in its service area for average years through 2040, single dry years through 2035, and the first year of a multiple year drought through 2040. However, supply shortages were projected by SJWC for a single dry year in 2040 and the second and third years of a multiple year drought from 2020 to 2040. Although not reflected in the SJWC 2015 UWMP, it is anticipated that implementation of the Bay-Delta Plan Amendment would result in further system-wide water supply shortfalls in dry years. These shortfalls would occur with or without the SJCC FMP, and the SJCC FMP's incremental increase in potable water demand would have a negligible effect of the levels of rationing that may be required in SJWC's service area in dry years. Furthermore, the District would be required to comply with any rationing that may be required with implementation of the Bay-Delta Plan Amendment.

As SJWC receives most of its supplies from Valley Water imported surface water supplies, SJWC's supply reliability is highly dependent on the reliability of Valley Water's supplies. As discussed in the Setting, in January 2019 the Valley Water Board of Directors approved an updated long-term water supply reliability level-of-service goal to develop supplies to meet at least 100 percent of annual water demand identified in the Valley Water's Master Plan during non-drought years and at least 80 percent of annual water demand in drought years. With the phased implementation of planned future projects, Valley Water's available supplies are projected to increase over time. In addition, in November 2019, Valley Water completed its Water Supply Master Plan 2040 (WSMP 2040), which provides a strategy for meeting future water demands consistent with Valley Water's updated level-of-service goal.

Although the SJWC's final 2020 UWMP and Valley Water's final 2020 UWMP were not available for consideration for this EIR, it is anticipated that SJWC's 2020 UWMP will show improved water supply reliability as compared to the 2015 UWMP based on Valley Water's updated level-of-service goal and strategy for meeting future water demands. As such, it is anticipated that SJWC will have adequate water supplies to meet the projected demands for the SJCC FMP. In the event of a water shortage, the District would be subject to the water demand reduction actions enacted by SJWC as part of its Water Shortage Contingency Plan.

Furthermore, the District would continue to implement improvements proposed under the SJCC FMP pursuant to its Campus Design Standards which provides guidelines and standards for new development, and all applicable regulations, for water efficiency and conservation.

For the reasons described above, this impact would be considered less than significant.

Mitigation: None required.

Impact 3.7-3: The proposed SJCC FMP would not result in a determination by the wastewater treatment provider that serves or may serve the SJCC FMP that it does not have adequate capacity to serve the SJCC FMP's projected demand in addition to the provider's existing commitments. *(Less than Significant)*

Construction

During construction, portable sanitary facilities would likely be provided by the contractor for worker use. The portable facilities (if used) would be transported to off-site location at a facility capable of receiving and treating such wastes. As construction would be temporary and would not place an ongoing demand no wastewater treatment infrastructure would be required to be added to accommodate this temporary demand. Impacts during construction would be less than significant.

Operation

As described in Chapter 2, *Project Description*, the SJCC FMP would include new and repurposed buildings including restrooms and associated wastewater infrastructure internal to the SJCC campus. As design for the proposed facilities is preliminary, associated increases in wastewater volume have not yet been determined. It can be reasonably assumed that students and staff (representing the service population) would generally consist of individuals residing in the City of San José; so use of facilities upon the campus is not anticipated to increase overall use or wastewater demand in the sphere of influence in San José.

Wastewater generated on the SJCC campus is conveyed off-site through the public sewer system owned by the City of San Jose to the RWF for treatment. Average daily flows generated on campus are estimated to be approximately 62,100 gpd (or 0.06 mgd) based on a water demand factor[7] from a comparable campus. The RWF currently has a wastewater treatment capacity of

[7] Wastewater demand is based on 90 percent of campus projected water demand [69,000 gpd (projected 2030) X 90 percent =62,100 or 0.06 mgd].

167 mgd, with average daily flows at 110 mgd (City of San José, 2020), which, based on the current sewage flows, leaves the City with approximately 57 mgd of surplus treatment capacity. Under the SJCC FMP, a projected use increase of up to approximately 11,743 gpd (or 0.01 mgd), which equivalent to 0.02 percent of available capacity. The projected increase in demand represents a negligible proportion of overall capacity and not result in wastewater capacity exceedances. Impacts during operation of the SJCC FMP would therefore be considered less than significant.

Mitigation: None required.

Impact 3.7-4: Implementation of the SJCC FMP would not generate waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair attainment of solid waste reduction goals; and would comply with federal, State, or local management and reduction statutes and regulations related to solid waste. *(Less than Significant)*

Construction

Over the duration of the proposed SJCC FMP, construction and demolition activities would generate construction debris at the SJCC campus, some of which would require debris disposal. Construction of the SJCC FMP would construct approximately 378,000 GSF new building space through new construction and renovation, and demolish several existing structures involving approximately 109,000 GSF, which would generate solid waste in the form of concrete, demolition debris, and other materials. Based on the most conservative construction and demolition waste estimates provided by the U.S. Environmental Protection Agency, construction and demolition under the proposed SJCC FMP would result in an estimated 9,271 tons of solid waste (EPA, 2009).[8] Consistent with current CalGreen standards, and SJECCD policy, construction and demolition debris would be transported by a registered transporter to a registered facility that must recover for reuse or recycling and divert from landfill at least 75 percent of all received construction and demolition debris. As a result, construction associated with the SJCC would generate up to approximately 2,318 residual tons of waste that could require disposal at a landfill. Given the existing and future capacities of the landfills where SJCC solid waste is disposed, construction that would occur under the proposed SJCC FMP would not result in construction waste generation that exceeds the permitted capacity of the landfills that serve the campus or be in non-compliance with federal, State, and local statutes and regulations related to solid waste. Therefore, this impact would be less than significant.

Operation

It is estimated that operation of the SJCC FMP would generate approximately 8,588 pounds of solid waste per day.[9] As the SJCC campus would continue to manage the waste stream by

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8 The analysis is based on EPA weighted average generation rates of 4.34 pounds per square foot for new non-residential construction, and 155 pounds per square foot for demolition. SJCC FMP construction/demolition generated waste was calculated based on: [(378,000 square feet of total new CPHP construction * 4.34 pounds/ square foot + 109,000 square feet of SJCC FMP demolition * 155 pounds/square foot)/ 2,000 pounds/ton] = 9,271 tons.

9 Based on an estimated solid waste generation rate of 0.8 pounds/day/student [10,735 students (projected 2030) X 0.8 pounds/day/student = 8,588 pounds].

implementing recycling measures, even with an increased student population, operation of the project would not generate significant quantities of solid waste such that local infrastructure capacity would be exceeded, based on the remaining capacity of landfills serving the SJCC. Impacts under the SJCC FMP's operational phase would be less than significant.

Mitigation: None required.

Cumulative Impacts

Impact C-3.7-5: Implementation of the SJCC FMP in combination with past, present, and reasonably foreseeable future projects, would not substantially contribute to cumulative impacts related to utilities and service systems. *(Less than Significant)*

The geographic scope of cumulative impact analysis for utilities and service systems includes the service areas of each of the relevant utility or service systems providers for water supply, wastewater, stormwater, solid waste disposal utilities that could be affected by the SJCC FMP. This geographic extent is appropriate because increases in demand are generally limited to the service area of the utility purveyor or service provider. The majority of impacts identified in this section are either less than significant or are associated with the temporary construction of the SJCC FMP. No impacts to utilities and service systems would be significant and unavoidable.

Water Supply

The analysis conducted as described under Impact 3.7-2, and the water supply evaluation (Appendix F) is a cumulative analysis of the SJCC FMP's water demand within the greater context of the overall cumulative water demand based on current water supply planning scenarios. The SJCC FMP would not make a considerable contribution to cumulative impacts on water supply, and the impact would be ***less than significant***.

Wastewater

A cumulative impact would occur for wastewater treatment if the incremental proportion of use/ demand posed by the SJCC FMP, when considered along with other development and associated use increases would result in a determination that the provider would not have the capacity to serve the SJCC FMP along with existing and reasonably foreseeable future commitments.

The impact analysis described under Impact 3.7-3 considers the SJCC FMP's potential demand on overall available wastewater treatment capacity at the RWF, which notes that with implementation of the SJCC FMP (with associated projected increases in the 2030 service population) about 0.02 percent of the available RWF treatment capacity may be used, which represents a negligible proportion of increased demand relative to capacity. Other projects will be considered for City service approval on a case-by-case basis, based on available RWF treatment capacity at the time of their consideration. The SJCC FMP and associated increases in service population would not make a considerable contribution to cumulative impacts on wastewater treatment capacity, and the impact would be ***less than significant***.

Solid Waste

Along with other projects which generate construction and demolition debris, the proposed SJCC projects would be subject to State standards which aim to reduce, reuse, or otherwise divert solid waste from landfills. These regulations exist in recognition that such projects generate an incremental effect that, when considered together, combine to result in stressors to landfill capacity.

As noted in Impact 3.7-4, the SJCC FMP would comply with SJECCD policies and CalGreen Code standards related to construction and demolition debris diversion, such that a minimum of 75 percent of this solid waste would not enter the landfill. With implementation of these regulatory policies, the SJCC FMP would not result in a cumulatively considerable contribution with respect to solid waste. The impact would be ***less than significant***.

Mitigation: None required.

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CHAPTER 4
Alternatives

4.1 Introduction

An EIR must describe a range of reasonable alternatives to the proposed project that might feasibly accomplish most of the basic objectives of the proposed project and could avoid or substantially lessen any of the project's significant environmental effects. This chapter describes the CEQA requirements for an alternatives analysis, presents the District's project objectives, summarizes the significant effects of the proposed SJCC FMP that cannot be avoided or reduced to less than significant, and describes the alternatives, including those that were considered but dismissed from further evaluation. The chapter then considers the comparative effects of each of the alternatives relative to those of the proposed SJCC FMP, and evaluates the relationship of the alternatives to the project objectives. As required under Section 15126.6(e) of the CEQA Guidelines, an environmentally superior alternative is identified and addressed at the end of this chapter.

4.1.1 CEQA Requirements

CEQA requires that an EIR describe and evaluate a range of reasonable alternatives to the proposed project, or to the location of the proposed project, and evaluate the comparative merits of the alternatives (CEQA Guidelines Section 15126.6(a), (d)). The "range of alternatives" is governed by the "rule of reason," which requires the EIR to set forth only those alternatives necessary to foster informed decision-making and public participation (Section 15126.6(a), (f)).

The range of alternatives shall include alternatives that would feasibly attain most of the basic objectives of the project and would avoid or substantially lessen any of the significant effects of the project (CEQA Guidelines Section 15126.6(a)-(c)). CEQA generally defines "feasible" to mean an alternative that is capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social, technological, and legal factors. In addition, the following may be taken into consideration when assessing the feasibility of alternatives: site suitability; economic viability; availability of infrastructure; general plan consistency; other plans or regulatory limitations; jurisdictional boundaries; and the ability of the proponent to attain site control (Section 15126.6(f)(1)). If the lead agency concludes that no feasible alternative locations exist, it must disclose the reasons for this conclusion, and should include the reasons in the EIR (Section 15126.6(f)(2)(B)).

The description or evaluation of alternatives does not need to be exhaustive, and an EIR need not consider alternatives for which the effects cannot be reasonably determined and for which implementation is remote or speculative. An EIR need not describe or evaluate the environmental effects of alternatives in the same level of detail as the proposed project, but must include enough

information to allow meaningful evaluation, analysis, and comparison with the proposed project (CEQA Guidelines Section 15126.6(d)).

The "no project" alternative must be evaluated. This analysis shall discuss the existing conditions, as well as what could be reasonably expected to occur in the foreseeable future if the project were not approved, based on current plans and consistent with available infrastructure and community services (CEQA Guidelines Section 15126.6(e)(2)).

CEQA also requires that an environmentally superior alternative be selected from among the alternatives. The environmentally superior alternative is the alternative with the fewest or least severe adverse environmental impacts. When the "no project" alternative is the environmentally superior alternative, the EIR must also identify an environmentally superior alternative from among the other alternatives (CEQA Guidelines Section 15126.6(e)(2)).

4.2 Factors in Selection and Rejection of Alternatives

The nature and scope of the range of alternatives to be discussed is governed by the "rule of reason." The CEQA Guidelines recommend that an EIR should briefly describe the rationale for selecting the alternatives to be discussed (Section 15126.6(c)). This alternatives analysis considers the following factors:

- The extent to which the alternative would accomplish most of the basic objectives of the proposed project;
- The extent to which the alternative would avoid or lessen the identified significant, or less-than-significant with mitigation, environmental effects of the proposed project;
- Requests by interested parties, community members, and decision makers at the EIR scoping session for information regarding the relative environmental impacts of different development programs and different numbers of housing units;
- The feasibility of the alternative, taking into account site suitability, availability of infrastructure, general plan consistency, and consistency with other applicable plans and regulatory limitations;
- The extent to which an alternative contributes to a "reasonable range" of alternatives necessary to permit a reasoned choice; and
- The requirement of the CEQA Guidelines to consider a "no project" alternative, and to identify an "environmentally superior" alternative in addition to the no-project alternative (Section 15126.6(e)).

4.2.1 Project Objectives

As stated above, the selection of alternatives shall consider the basic objectives of the proposed project. As previously presented in Chapter 2, *Project Description*, the SJCC FMP objectives are to:

- Update and expand SJCC facilities to accommodate projected expansion in demand for community college education and programs resulting from the population growth within the District's service area for year 2030

- Create a functional and usable space/facilities plan based on the SJCC EMP that updates the facility needs to match the projected needs
- Link the SJCC EMP's goals, strategies, and desired productivity to space quantification that balances the current and future curriculum, instructional delivery modes, effective learning environment, and necessary support structures
- Match space needs and utilization with the curriculum, create modern teaching facilities and learning environments, and provide modern support services sufficient to serve student's needs
- Reuse some existing buildings that are in good condition and have adequate space for educational and administrative functions
- Assist the District in meeting its SJCC EMP goals and objectives, particularly those related to provision of educational programs and supportive needs
- Implement a well-conceived and well-justified plan for capital outlay projects that are an outcome of a sound master planning process
- Provide an optimal educational and supportive services to the students of the San José City College

4.2.2 Elimination and/or Reduction of Significant Impacts

CEQA Guidelines Section 15126.6(b) states that "(b)ecause an EIR must identify ways to mitigate or avoid the significant effects that a project may have on the environment (Public Resources Code Section 21002.1), the discussion of alternatives shall focus on alternatives to the project or its location which are capable of avoiding or substantially lessening any significant effects of the project, even if these alternatives would impede to some degree the attainment of the project objectives, or would be more costly."

Potentially significant environmental impacts that would result from the proposed project are evaluated in Chapter 3, *Environmental Analysis*, of this EIR. With implementation of the project design features, standard conditions and requirements, and mitigation measures identified for each resource area significantly impacted, all of the potentially significant impacts resulting from the proposed project would be reduced to a less-than-significant level.

As described in Chapter 3, implementation of SJCC FMP would result in a significant and unavoidable project-specific and cumulative impacts related to construction noise.

4.3 Alternatives Considered but Rejected from Further Evaluation

CEQA Guidelines Section 15126.6(c) requires an EIR to identify and briefly discuss any alternatives that were considered by the lead agency and rejected from further evaluation. In identifying alternatives to the proposed project, primary consideration was given to alternatives that would reduce impacts while still meeting most of the basic project objectives as well as the District's planning goals and objectives, such as those articulated in the District's SJCC Educational Master Plan (SJCC EMP) and Facilities Master Plan (SJCC FMP). The alternative

scenarios that the District considered but rejected are discussed briefly below, along with the specific reasons why they were not evaluated further in this document.

4.3.1 Alternative Site Location

Implementation of the SJCC FMP at an alternative location was not included as a project alternative because of the likely infeasibility of such an alternative, and the lack of evidence that such an alternative would avoid or substantially reduce the significant impacts of the proposed SJCC FMP. Even if constructing the new facilities on another site were feasible from an economic or educational standpoint, establishment of a new campus of the required size would take many years to obtain funding, find a feasible site, and prepare and implement campus plans. Furthermore, the primary purpose of the SJCC FMP is to authorize additional development of the SJCC campus in a manner consistent with the growth assumptions in the SJCC FMP; a potential alternative that would provide for District growth and development at an alternative site would not accomplish the primary SJCC FMP objectives. For these reasons, this alternative was determined to be infeasible and was not carried forth in the EIR for detailed evaluation.

4.3.2 Shift Growth to the Evergreen Valley College Campus

The District's Evergreen Valley College (EVC) campus is located in southeast San Jose, approximately nine miles from the SJCC campus. The EVC campus currently has plans for expansion of that campus that would accommodate student growth envisioned under the EVC Educational Master Plan (EVC EMP). The EVC Facilities Master Plan (EVC FMP) includes demolition of aging structures; construction of new structures, including classrooms and other educational facilities, and upgrades to existing transportation and circulation facilities. However, the EVC campus at buildout under the proposed EVC FMP could not accommodate a potential shift in the additional students from the SJCC campus to the EVC campus, as capacity even after implementation of the EVC FMP would be limited. Furthermore, it is not known how many of the students from SJCC would attend EVC, considering its distance from the SJCC campus and area general area served by the SJCC. For these reasons, this alternative was determined to be infeasible and was not carried forth in the EIR for detailed evaluation.

4.3.3 No Project - No Development

The No Project - No Development Alternative is the circumstance under which the proposed SJCC FMP would not proceed; and furthermore, any remaining unbuilt development contemplated and approved under the existing SJCC FMP (i.e., SJCC 2025 Updated FMP) would also not occur. Accordingly, under the No Project - No Development Alternative, the existing SJCC would remain in its current state. The existing buildings, infrastructure, circulation system, topography, vegetation, and other physical characteristics of the SJCC campus would remain unchanged. It is assumed that student enrollment on the SJCC campus would not increase above existing conditions, or would only potentially increase slightly, with additional students being accommodated in existing SJCC facilities, under this alternative.

This alternative would not meet any of the objectives of the SJCC EMP or the proposed SJCC FMP, and would not met the projected need for new facilities to meet the anticipated educational

demands. For these reasons, this alternative is considered infeasible and not carried forth in this EIR for detailed evaluation.

4.4 Alternatives Selected for Analysis

The alternatives selected for analysis are designed to inform the public discussion and the final decisions by the District Board on the SJCC FMP. Specifically, the range of alternatives is designed to inform decision makers about:

- Potential modifications to the proposed SJCC FMP that might minimize or avoid environmental impacts.
- The relative change in environmental impact (increase or decrease) that might be expected by potential modifications to the proposed SJCC FMP.
- The impact on the District's ability to achieve the SJCC FMP objectives with the potential modifications to the SJCC FMP.

Based on these considerations, the District has identified the following range of reasonable alternatives to be addressed in this EIR.

- **Alternative 1:** No Project - Implement SJCC 2025 Updated FMP
- **Alternative 2**: Reduced Project Alternative
- **Alternative 3**: Renovations Only Alternative

Of these alternatives, Alternative 1 is the "no project" alternative in which only remaining development as planned and previously approved in the SJCC 2025 Updated FMP would be developed. Alternative 2 and Alternative 3 include different scenarios of demolition, construction, and/or renovation. Each are described below, along with their relative impacts in comparison to the proposed SJCC FMP.

4.4.1 Alternative 1: No Project - Implement SJCC 2025 Updated FMP

The No Project - Implement SJCC 2025 Updated FMP would not implement the renovation, demolition, or new construction included in the proposed SJCC FMP (i.e., SJCC Vision 2030 FMP). Instead this alternative would continue to implement the SJCC 2025 Updated FMP, the existing facility master plan for the SJCC campus. The SJCC 2025 Updated FMP identifies several buildings for demolition/removal to eliminate non-functioning space and replace the oldest and most aged facilities with new facilities, as follows:

- Drama + Theater
- General Education Building (partial demolition)
- CTE 100 Building
- Auxiliary Gym

- CTE 200 Building
- Field House
- CTE 300 Building
- Handball Courts (currently location of the Wellness Center)
- Boiler Plant
- Portable Restroom Building
- Pool
- Locker Rooms

The SJCC 2025 Updated FMP proposed the construction of new buildings listed below:

- Physical Education Complex (Jaguar Sports Complex)
- Vocational Technology Building
- Performing Arts Center
- General Education Building

In addition to above-described demolition and new construction, the SJCC 2025 Updated FMP included renovation of some existing structures, including both renovations to change the uses of existing structures and renovations to sustain existing uses, as follows:

- Re-purpose vacated floors of the Technology Center to support instructional program needs identified in the 2025 EMP.
- Renovate Building K to support the Maintenance and Operations function of the college;
- Renovate the General Education Building Complex
- Renovate the Business Building

A number of actions planned in SJCC 2025 Updated FMP have already been implemented. The Auxiliary Gym, Pool, and Field House have been demolished and the CTE Building 300 is in the process of being demolished. The Physical Education Complex (Jaguar Sports Complex) planned in the SJCC 2025 Updated FMP at the former location of the Field House, has been constructed. In addition, Building K, which was planned in the SJCC 2025 Updated FMP for renovation to serve a Maintenance and Operations function, has been demolished, and the Maintenance and Operations building is currently under construction.

The overall change in campus facilities with continued implementation of the SJCC 2025 Updated FMP would result in a net reduction in campus square footage of approximately 116,000 gross square feet compared to existing conditions. This alternative would include approximately 62,000 square feet of new construction and demolition and removal of approximately 178,000 square feet of existing structures. New structures at the SJCC campus would include the construction of a vocational technology building, new performing arts center, and new general education building.

Under the No Project - Implement SJCC 2025 Updated FMP, the overall programmable square footage would be less than what currently exists on campus and what is proposed under the SJCC FMP. However, the combination of renovation of existing structures and construction of new structures is intended to accommodate a projected growth in student population from approximately 11,780 students in 2013 to approximately 14,450 in 2025. Under the 2030 SJCC FMP the Plan is designed to accommodate student enrolment growth from 8,773 in 2020 to 10,735 in 2030. The modest growth of the 2030 SJCC FMP could be anticipated to be accommodated by this alternative.

The No Project - Implement SJCC 2025 Updated FMP Alternative would include transportation improvements such as the southern perimeter loop road and the addition of parking. However, relative the proposed SJCC FMP, this alternative would not include the construction of a large parking structure or a new driveway onto Leigh Avenue.

This alternative would meet the District's objectives of expanding the capacity of campus facilities to meet projected future demand within the SJCC service area and modernizing a number of aged facilities across the campus. Relative to the proposed SJCC FMP, the No Project - Implement SJCC 2025 Updated FMP Alternative would be less effective in achieving the District's objectives related to provision of structures and programming that supports the District's desired academic program offerings and current desires regarding campus layout and function.

As shown in Table 4-1 at the end of this chapter, the No Project - Implement SJCC 2025 Updated FMP Alternative would be less effective at meeting the District's objectives relative to the proposed SJCC FMP.

Comparison of Effects of No Project – Implement SJCC 2025 Updated FMP Alternative to the Proposed SJCC FMP

Aesthetics

This alternative would result in overall less and smaller scale new development at the campus site compared to proposed under the SJCC FMP. Under this alternative, new development on the SJCC campus would occupy a smaller footprint, and would provide less capacity for growth in the SJCC service population than the development proposed under the SJCC FMP. As under the SJCC FMP, this alternative would not result in a substantial adverse impact on scenic vistas. This alternative would also have incrementally less impact related to new sources of light and glare compared to the SJCC FMP, given the overall less development proposed.

Air Quality

This alternative would have less new construction but more demolition activities than that which would occur under the SJCC FMP. However, the majority of the demolition that was planned in the SJCC 2025 Updated FMP has already occurred or is similar to the demolition proposed in the SJCC FMP. Consequently, this alternative would have less impact associated with construction and demolition emissions of criteria pollutants, and toxic air contaminants (TACs) and associated health risks at sensitive receptors, and would similarly mitigate those effects to less than

significant with the use of clean construction equipment and implementation of BAAQMD dust control measures.

This alternative would result in less development, resulting in a lesser expansion in student capacity and resultant traffic increases, compared to the SJCC FMP. The specific reduction in traffic generated under this alternative compared to those generated under the SJCC FMP would depend on a number of factors, including the specific levels of instruction and support uses that would be implemented under this alternative. As a result, operations under this alternative would generate fewer criteria pollutant emissions than the less-than-significant but mitigable operational emissions under the SJCC FMP. This alternative would also have less project and cumulative impact associated with exposure of sensitive receptors to substantial project and cumulative operational pollutant concentrations, and require similar mitigation to reduce diesel particulate matter (DPM), which would mitigate those significant effects to less than significant. Lastly, this alternative would have less impact associated with conflict of the SJCC FMP with or obstruction of implementation of the applicable *Clean Air Plan*, and with mitigation the impact would similarly be reduced to less than significant.

Biological Resources

As described this alternative would have less overall new construction and demolition activities compared with the SJCC FMP, and therefore, the overall extent of construction and development-related impacts to biological resources under this alternative would be less than that associated with the SJCC FMP. Significant project and/or cumulative construction-related effects on special-status plant and wildlife species of this alternative would be similarly mitigated to less than significant with applicable survey and resource project measures similar to the proposed SJCC FMP.

Cultural Resources

Similar to the proposed SJCC FMP, this alternative would have no impact to architecturally significant historical resources eligible for listing in the National Register and California Register, as no such resources exist at the SJCC campus site.

This alternative would result in less ground disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect archaeological and tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown archaeological resources, human remains, and/or tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level as under the SJCC FMP.

Energy

This alternative would result in less overall construction and demolition activities compared to the SJCC FMP and as a result, would have less construction energy use impact compared to the SJCC FMP. This alternative would also have less increase in development and student growth, and less associated traffic increases, compared to the SJCC FMP, and consequently, would have less operational energy use than the SJCC FMP. As such, the alternative would further reduce the less than significant project and/or cumulative impact associated with consumption of energy resources as under the SJCC FMP; and would have a similarly less than significant conflict with a state or local plan for renewable energy or energy efficiency.

Geology, Soils, Seismicity, and Paleontological Resources

This alternative would result in less ground disturbing construction activities and new building construction compared to the SJCC FMP, and therefore, would have overall less potential to result in effects on seismic ground shaking, liquefaction or unstable soils, landslides, and erosion from ground disturbance during construction, and those effects would be similarly less than significant with compliance with applicable regulatory requirements and the implementation of geotechnical design recommendations and/or mitigation.

Greenhouse Gas Emissions

This alternative would result in less overall construction or demolition activities compared to the SJCC FMP. As a result, this alternative would reduce the significant but mitigable project and/or cumulative construction-related GHG emissions effects as under the SJCC FMP. This alternative would have less increase in development and student growth, and less associated traffic increases at the SJCC campus site than the SJCC FMP, and consequently, operational-generated GHG emissions would be less than that generated under the SJCC FMP. Consequently, this alternative would reduce the significant but mitigable impacts of the SJCC FMP related to operational GHG emissions. Similar to the SJCC FMP, this alternative would not conflict with applicable plans, policies or regulations adopted for the purpose of reducing the GHG emissions.

Hazards and Hazardous Materials

This alternative would result in less overall new construction or demolition activities compared to that under the SJCC FMP. This alternative would also result in less increase in development, and the associated increases in hazardous materials use that would occur with operations under the SJCC FMP. Significant project and/or cumulative impacts associated with routine transport, use, or disposal of hazardous materials under this alternative would be similarly mitigated to a less-than-significant level with compliance with applicable, federal and State laws and regulations regulating transportation, management, and disposal of hazardous materials and wastes. In addition, project and/or cumulative impacts associated with potential accidental release of hazardous materials; and emitting and handling of hazardous materials within one-quarter mile of an existing or proposed school, for this alternative would be similarly less than significant.

Hydrology and Water Quality

This alternative would result in less new construction and groundbreaking activities compared to the SJCC FMP; and an incrementally smaller increase in new impervious surfaces at the campus site, compared to the SJCC FMP, and thus, would generate incrementally less runoff. Project and/or cumulative impacts related to the potential to violate water quality discharges requirements; degradation of surface or groundwater quality; erosion and siltation; effect on flooding; effect on the capacity of stormwater drainage systems; additional sources of polluted runoff; or impedance or redirection of storm flows, would be reduced compared to the proposed SJCC FMP, and similarly less than significant, with compliance with the construction BMPs required by the NPDES Construction General Permit and operational design measures and LID stormwater requirements controls of the Phase II MS4 permit.

Land Use and Planning

This alternative would result in less new development compared to the SJCC FMP. Overall, this alternative would have less project and/or cumulative impacts at the SJCC campus site associated with conflict with land use plans, policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect, and incompatibility with adjacent land uses. Therefore, these effects would be less than significant, similar to the proposed SJCC FMP.

Noise and Vibration

This alternative would result in less construction but more demolition activities compared to the SJCC FMP and, as a result, would result in less construction-related noise and vibration impacts than would occur under the SJCC FMP. Therefore, this alternative would result in less project-specific and/or cumulative construction noise compared to the significant unavoidable construction noise impacts that would occur under the SJCC FMP.

This alternative would also have less increase in development and student growth, and less associated traffic increases, compared to the SJCC FMP, and consequently, less operational noise than the SJCC FMP. As such, the alternative would further reduce the less than significant but mitigable project-specific impact associated with operational noise as under the SJCC FMP; and would result in a reduction of cumulative operational noise, relative to the less-than-significant cumulative impact under the SJCC FMP.

Population and Housing

This alternative would also result in no increase in population and housing, as would occur under the SJCC FMP.

Public Services

This alternative would result in a smaller increase in development and student growth at the SJCC campus site compared to the SJCC FMP, and thus, would result in lower demand for public services. For this reason, project and/or cumulative impacts associated with need for new or altered fire protection, police protection, public school facilities, parks, or other public facilities would be less than significant, similar to the proposed SJCC FMP.

Recreation

This alternative would result in less new development and student growth at the SJCC campus site compared to the SJCC FMP. Therefore, the project and/or cumulative impacts of increase in the use of existing neighborhood and regional parks or other existing on- and off-campus recreational facilities, and need for construction of new recreational facilities under this alternative would remain less-than-significant, similar to the proposed SJCC FMP.

Transportation

This alternative would result in less new construction at the SJCC campus site compared to the SJCC FMP. Consequently, the significant construction phase impact to travel conditions along sidewalks and roadways serving the campus site under this alternative would be similarly

mitigated to a less-than-significant level with implementation of construction traffic management planning measures.

This alternative would also result in less overall new development and student growth, and less increase in associated operational traffic, than under the SJCC FMP. With less operational traffic, this alternative would have less than significant project and/or cumulative impacts related to conflicts with programs, plans, ordinances or policies addressing the circulation system; increases in VMT; increases in hazard due to design features; and emergency access, similar to the proposed SJCC FMP.

Utilities and Service Systems

This alternative would result in less new development and student growth, and associated increases in public utility demands at the SJCC campus site, compared to the SJCC FMP. As a result, project and/or cumulative impacts related to utilities and service systems under this alternative would be similarly less-than-significant as with the SJCC FMP. This would include impacts associated with: construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities; effects on water supply availability during normal, dry and multiple dry years; effects on wastewater treatment capacity; effects on capacity of local solid waste infrastructure, and compliance with federal, and state and local statutes and regulations related to solid waste.

Tribal Cultural Resources

This alternative would also result in less ground disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level as under the SJCC FMP.

4.4.2 Alternative 2: Reduced Project Alternative

The Reduced Project Alternative would implement portions of the development program proposed under the SJCC FMP. Since the CTE Building 300 and the Child Development Center are in the process of demolition. It is assumed the new construction proposed on these sites under the SJCC FMP would occur under this alternative (i.e., the new CTE Building at the site of the demolished CTE Building 300 Building, and a new Child Development Center-Phase I on the site of the former Child Development Center), as described in Chapter 2, *Project Description*. Additionally, the Reduced Project Alternative also assumes the demolition of the existing Business and General Education Buildings, to be replaced with a new General Education/ Business Complex, as proposed under the SJCC FMP.

The Reduced Project Alternative would meet some of the objectives of the proposed SJCC FMP, in that it would help meet the demand for General Education/Business programs, provide for a new Career Technology Education building and a Child Development Center. However, this alternative would not fully meet the project objectives of expanding capacity of the campus to accommodate anticipated growth in student demand within the SJCC's service area or providing

for all anticipated educational and facilities needs from the SJCC FMP. As such, the alternative would assist the District in meeting only some of its SJCC EMP and FMP goals and objectives.

Since development and renovation pursuant to the Reduced Project Alternative would be substantially less than what would occur under the proposed SJCC FMP, it is unknown if it would fully meet the student/administration and faculty needs, necessary to develop and operate the various educational programs in a financially and operationally sustainable manner. However, for purposes of the environmental analysis, it is assumed that the alternative would be potentially feasible.

As shown in **Table 4-1** at the end of this chapter, the Reduced Project Alternative would be marginally better than the No Project – Implement SJCC 2025 Updated FMP Alternative in meeting the project objectives, but would not be as effective at meeting project objectives as the proposed SJCC FMP.

Comparison of Effects of the Reduced Project Alternative to the Proposed SJCC FMP

Aesthetics

This alternative would result in overall less new development at the campus site compared to the SJCC FMP. As under the SJCC FMP, this alternative would not result in a substantial adverse impact on scenic vistas. This alternative would also have incrementally less impact related to new sources of light and glare compared to the SJCC FMP, given the overall less development proposed.

Air Quality

This alternative would have less new construction and demolition activities than that which would occur under the SJCC FMP. Consequently, this alternative would have less impact associated with construction and demolition emissions of criteria pollutants, and toxic air contaminants (TACs) and associated health risks at sensitive receptors, and would similarly mitigate those effects to less than significant with the use of clean construction equipment and implementation of BAAQMD dust control measures.

This alternative would result in less development and student growth, and less associated traffic increases, compared to the SJCC FMP. The specific reduction in traffic generated under this alternative compared to those generated under the SJCC FMP would depend on a number of factors, including the specific levels of instruction and support uses that would be implemented under this alternative. As a result, operations under this alternative would generate fewer criteria pollutant emissions than the less-than-significant but mitigable operational emissions under the SJCC FMP. This alternative would also have less project and cumulative impact associated with exposure of sensitive receptors to substantial project and cumulative operational pollutant concentrations, and require similar mitigation to reduce diesel particulate matter (DPM), which would mitigate those significant effects to less than significant. Lastly, this alternative would have less impact associated with conflict of the SJCC FMP with or obstruction of implementation of the applicable *Clean Air Plan*, and with mitigation, the impact would similarly be reduced to less than significant.

Biological Resources

This alternative would have less new construction and demolition activities compared with the SJCC FMP, and therefore, the overall extent of construction and development-related impacts to biological resources under this alternative would be less than that associated with the SJCC FMP. The significant project and/or cumulative construction-related effects on special-status plant and wildlife species of this alternative would be similarly mitigated to less than significant with applicable survey and resource project measures, as under the proposed SJCC FMP.

Cultural Resources

Similar to the SJCC FMP, this alternative would have no impact to architecturally significant historical resources eligible for listing in the National Register and California Register, as no such resources exist at the SJCC campus site.

This alternative would result in less ground disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect archaeological and tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown archaeological resources, human remains, and/or tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level, as under the SJCC FMP.

Energy

This alternative would result in less construction and demolition activities compared to the SJCC FMP and as a result, would have less construction energy use impacts compared to the SJCC FMP. This alternative would also have less increase in development and student growth, and less associated traffic increases, compared to the SJCC FMP, and consequently, would have less operational energy use than the SJCC FMP. As such, the alternative would further reduce the less than significant project and/or cumulative impact associated with consumption of energy resources as under the SJCC FMP; and would have a similarly less than significant conflict with a state or local plan for renewable energy or energy efficiency.

Geology, Soils, Seismicity, and Paleontological Resources

This alternative would result in less ground disturbing construction activities and new building construction compared to the SJCC FMP, and therefore, would have overall less potential to result in effects on seismic ground shaking, liquefaction or unstable soils, landslides, and erosion from ground disturbance during construction, and those effects would be similarly less than significant with compliance with applicable regulatory requirements and the implementation of geotechnical design recommendations and/or mitigation.

Greenhouse Gas Emissions

This alternative would result in less construction or demolition activities compared to the SJCC FMP. As a result, this alternative would reduce the significant but mitigable project and/or cumulative construction-related GHG emissions effects as under the SJCC FMP. This alternative would have less increase in development and student growth, and less associated traffic increases at the SJCC campus site than the SJCC FMP, and consequently, operational-generated GHG emissions would be less than that generated under the SJCC FMP. Consequently, this alternative

would reduce the significant but mitigable impacts of the SJCC FMP related to operational GHG emissions. Similar to the SJCC FMP, this alternative would not conflict with applicable plans, policies or regulations adopted for the purpose of reducing the GHG emissions.

Hazards and Hazardous Materials

This alternative would result in less new construction or demolition activities compared to that under the SJCC FMP. This alternative would also result in less increase in development, and the associated increases in hazardous materials use that would occur with operations under the SJCC FMP. Significant project and/or cumulative impacts associated with routine transport, use, or disposal of hazardous materials under this alternative would be similarly mitigated to a less-than-significant level with compliance with applicable, federal and State laws and regulations regulating transportation, management, and disposal of hazardous materials and wastes. In addition, project and/or cumulative impacts associated with potential accidental release of hazardous materials; and emitting and handling of hazardous materials within one-quarter mile of an existing or proposed school, for this alternative would be similarly less than significant.

Hydrology and Water Quality

This alternative would result in less new construction and groundbreaking activities compared to the SJCC FMP; and an incrementally smaller increase in new impervious surfaces at the campus site, compared to the SJCC FMP, and thus, would generate incrementally less runoff. Project and/or cumulative impacts related to the potential to violate water quality discharges requirements; degradation of surface or groundwater quality; erosion and siltation; effect on flooding; effect on the capacity of stormwater drainage systems; additional sources of polluted runoff; or impedance or redirection of storm flows, would be reduced compared to the proposed SJCC FMP, and similarly less than significant with compliance with the construction BMPs required by the NPDES Construction General Permit and operational design measures and LID stormwater requirements controls of the Phase II MS4 permit.

Land Use and Planning

This alternative would result in less new development compared to the SJCC FMP. Overall, this alternative would have less project and/or cumulative impacts at the SJCC campus site associated with conflict with land use plans, policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect, and incompatibility with adjacent land uses. Therefore, these effects would be less than significant, similar to the proposed SJCC FMP.

Noise and Vibration

This alternative would result in less construction and demolition activities compared to the SJCC FMP, and as a result, would result in less construction-related noise and vibration impacts that would occur under the SJCC FMP. Therefore, this alternative would result in less project-specific and/or cumulative construction noise compared to the significant unavoidable construction noise impacts that would occur under the SJCC FMP.

This alternative would also have less increase in development and student growth, and less associated traffic increases, compared to the SJCC FMP, and consequently, less operational noise

than the SJCC FMP. As such, the alternative would further reduce the less than significant but mitigable project-specific impact associated with operational noise as under the SJCC FMP; and would result in a reduction of cumulative operational noise, relative to the less-than-significant cumulative impact under the SJCC FMP.

Population and Housing

This alternative would also result in no increase in population and housing, as would occur under the SJCC FMP.

Public Services

This alternative would result in a smaller increase in development and student growth at the SJCC campus site compared to the SJCC FMP, and thus, would resulting in an incrementally lower demand for public services. For this reason, project and/or cumulative impacts associated with need for new or altered fire protection, police protection, public school facilities, parks, or other public facilities would be less than significant, similar to the proposed SJCC FMP.

Recreation

This alternative would result in less new development and student growth at the SJCC campus site compared to the SJCC FMP. Therefore, the project and/or cumulative impacts of increase in the use of existing neighborhood and regional parks or other existing on- and off-campus recreational facilities, and need for construction of new recreational facilities under this alternative would remain less-than-significant, similar to the proposed SJCC FMP.

Transportation

This alternative would result in less new construction at the SJCC campus site compared to the SJCC FMP. Consequently, the significant construction phase impact to travel conditions along sidewalks and roadways serving the campus site under this alternative would be similarly mitigated to a less-than-significant level with implementation of construction traffic management planning measures.

This alternative would also result in less overall new development and student growth, and less increase in associated operational traffic, than under the SJCC FMP. With less operational traffic, this alternative would have less than significant project and/or cumulative impacts related to conflicts with programs, plans, ordinances or policies addressing the circulation system; increases in VMT; increases in hazard due to design features; and emergency access, similar to the proposed SJCC FMP.

Utilities and Service Systems

This alternative would result in less new development and student growth, and associated increases in public utility demands at the SJCC campus site, compared to the SJCC FMP. As a result, project and/or cumulative impacts related to utilities and service systems under this alternative would be similarly less-than-significant as with the SJCC FMP. This would include impacts associated with: construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities; effects on water

supply availability during normal, dry and multiple dry years; effects on wastewater treatment capacity; effects on capacity of local solid waste infrastructure, and compliance with federal, and state and local statutes and regulations related to solid waste.

Tribal Cultural Resources

This alternative would also result in less ground disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level, as under the SJCC FMP.

4.4.3 Alternative 3: Renovations Only Alternative

The Renovations Only Alternative assumes only the campus buildings and facilities that are proposed for renovation under the SJCC FMP would be implemented, rather than the full suite of demolition and new construction assumed under the SJCC FMP. Accordingly, development under this alternative would encompass renovations to the following SJCC campus facilities:

1. CTE Building 200
2. Reprographics and Cosmetology Building
3. Technology Center
4. Jaguar Student Development and Multicultural Center
5. Theater Arts Building
6. Central Plant Expansion
7. Track and Field Replacement

The above-listed existing facilities would undergo renovations similar to that described in Chapter 2, *Project Description*. However, there would be no demolition of any existing buildings that were proposed under the SJCC FMP, with the exception of CTE Building 300 and Applied Sciences Building D (which were previously approved by the District for demolition and slated for demolition in 2021). There would also be no construction of new buildings at the campus that are proposed under the SJCC FMP (i.e., no General Education/Business Complex, Aquatics Center, or Parking Structure).

Implementation of the Renovations Only Alternative would assist the District in meeting its plans for reuse and repurposing of some of the existing buildings and facilities, and would continue to provide for land use compatibility through effective placement, orientation, and circulation of project facilities. Under this alternative, the level of construction on site would be reduced as it would be primarily limited to minor external alternations, and internal renovations to dry walls, flooring, update to interior finishes for repurposing of classrooms and offices. Concurrently, it would develop the limited onsite infrastructure to serve the renovations under this alternative. It is unknown if implementation of the Renovations Only Alternative would provide adequate facilities and infrastructure needed to meet the 2030 EMP.

While this alternative would meet some the objectives of the SJCC FMP, it would generally not meet all of the objectives of the SJCC FMP. This alternative would provide for renovations and repurposing of existing buildings and facilities to accommodate educational programs, sports facilities and expansion of central plant, however, this alternative would not provide sufficient expansion in capacity to accommodate anticipated growth in student demand for community college offerings within the area served by the SJCC. Although the economic feasibility of this alternative would be required to be confirmed (i.e., the ability of the alternative to fund the necessary site development costs, as well as the ongoing fixed operational costs once the project is developed), for the purposes of the environmental analysis, this alternative is considered potentially feasible.

As shown in Table 4-1 at the end of this chapter, the Renovations Only Project Alternative would be marginally better than the No Project – Implement SJCC 2025 Updated FMP Alternative in meeting the project objectives, but would be far less effective at meeting the District's objectives relative to the SJCC FMP.

Comparison of Effects of the Renovations Only Alternative to the Proposed SJCC FMP

Aesthetics

This alternative would result in overall less and smaller scale construction with no new development at the campus site compared to that under the SJCC FMP. Under this alternative, construction would be limited to renovation of existing structures on the SJCC campus. As under the SJCC FMP, this alternative would not result in a substantial adverse impact on scenic vistas. This alternative would also have incrementally less impact related to new sources of light and glare compared to the SJCC FMP, given the overall less intensive development proposed under this alternative.

Air Quality

This alternative would be limited to renovation of existing structures and thus, have far less overall construction intensity than that which would occur under the SJCC FMP. In particular, this alternative would utilize substantially less construction equipment and vehicles. Consequently, this alternative would have less impact associated with construction emissions of criteria pollutants, and TACs and associated health risks at sensitive receptors, and would similarly mitigate those effects to less than significant with the use of clean construction equipment and implementation of BAAQMD dust control measures.

Since this alternative would be limited to renovation of existing structures and no new development, it would also result in less development and student growth, and less associated traffic increases, compared to the SJCC FMP. The specific reduction in traffic generated under this alternative compared to those generated under the SJCC FMP would depend on a number of factors, including the specific levels of instruction and support uses that would be implemented for renovated facilities under this alternative. As a result, operations under this alternative would generate fewer criteria pollutant emissions than the less-than-significant but mitigable operational emissions under the SJCC FMP. This alternative would also have less project and cumulative impact

associated with exposure of sensitive receptors to substantial project and cumulative operational pollutant concentrations, and require similar mitigation to reduce DPM which would lessen those significant effects to less than significant. Lastly, this alternative would have less impact associated with conflict of the SJCC FMP with or obstruction of implementation of the applicable *Clean Air Plan*, and with mitigation the impact would similarly be reduced to less than significant.

Biological Resources

This alternative would be limited to renovation of existing structures, and not involve new building construction or building demolition activities. Compared with the SJCC FMP, the overall extent of construction and development-related impacts to biological resources under this alternative would be less than that associated with the SJCC FMP. The significant project and/or cumulative construction-related effects on special-status plant and wildlife species of this alternative would be similarly mitigated to less than significant with applicable survey and resource project measures, as under the proposed SJCC FMP.

Cultural Resources

Similar to the proposed SJCC FMP, this alternative would have no impact to architecturally significant historical resources eligible for listing in the National Register and California Register, as no such resources exist at the SJCC campus site.

This alternative would result in substantially less ground-disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect archaeological and tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown archaeological resources, human remains, and/or tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level as under the SJCC FMP.

Energy

This alternative would result in less construction and demolition activities compared to the SJCC FMP and as a result, would have less construction energy use impacts compared to the SJCC FMP. This alternative would also support lower student growth and therefore would result in lower associated traffic increases as compared to the SJCC FMP, and consequently, would have less operational energy use than the SJCC FMP. As such, the alternative would further reduce the less than significant project and/or cumulative impact associated with consumption of energy resources as under the SJCC FMP; and would have a similarly less than significant conflict with a state or local plan for renewable energy or energy efficiency.

Geology, Soils, Seismicity, and Paleontological Resources

This alternative would result in substantially less ground disturbing construction activities and no new building construction. Compared to the SJCC FMP, this alternative would have overall less potential to result in effects on seismic ground shaking, liquefaction or unstable soils, landslides, and erosion from ground disturbance during renovation activities, and those effects would be similarly less than significant with compliance with applicable regulatory requirements and the implementation of geotechnical design recommendations and/or mitigation.

Greenhouse Gas Emissions

This alternative would result in substantially less construction or demolition activities compared to the SJCC FMP. As a result, this alternative would reduce the significant but mitigable project and/or cumulative construction-related GHG emissions effects as under the SJCC FMP. This alternative would support lower student growth, and therefore, would result in lower associated traffic increases at the SJCC campus site than the SJCC FMP, and consequently, operational-generated GHG emissions would be lower than that generated under the SJCC FMP. Consequently, this alternative would reduce the significant but mitigable impacts of the SJCC FMP related to operational GHG emissions. Similar to the SJCC FMP, this alternative would not conflict with applicable plans, policies or regulations adopted for the purpose of reducing the GHG emissions.

Hazards and Hazardous Materials

This alternative would result in substantially less new construction or demolition activities, but would include the same renovation of older structures as would occur under the SJCC FMP. This alternative would also result in no increase in development, and little to no associated increases in hazardous materials use compared to that which would occur with operations under the SJCC FMP. Significant project and/or cumulative impacts associated with routine transport, use, or disposal of hazardous materials under this alternative would be similarly mitigated to a less-than-significant level with compliance with applicable, federal and State laws and regulations regulating transportation, management, and disposal of hazardous materials and waste. In addition, project and/or cumulative impacts associated with potential accidental release of hazardous materials; and emitting and handling of hazardous materials within one-quarter mile of an existing or proposed school, for this alternative would be similarly less than significant.

Hydrology and Water Quality

As compared to the SJCC FMP, this alternative would result in no new building construction and groundbreaking activities, and little to no increase in impervious surfaces at the campus site, and thus, would generate less new runoff than under the SJCC FMP. Project and/or cumulative impacts related to the potential to violate water quality discharges requirements; degradation of surface or groundwater quality; erosion and siltation; effect on flooding; effect on the capacity of stormwater drainage systems; additional sources of polluted runoff; or impedance or redirection of storm flows, would be reduced compared to the proposed SJCC FMP and similarly less than significant with compliance with the construction BMPs required by the NPDES Construction General Permit and operational design measures and LID stormwater requirements controls of the Phase II MS4 permit.

Land Use and Planning

As compared to the SJCC FMP, this alternative would result in no new building development. Overall, this alternative would have less project and/or cumulative impacts at the SJCC campus site associated with conflict with land use plans, policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect, and incompatibility with adjacent land uses. Therefore, these effects would be less than significant, similar to the proposed SJCC FMP.

Noise and Vibration

This alternative would result in substantially less construction and demolition activities compared to those that would occur under the SJCC FMP. As a result, this alternative would result in less construction-related noise and vibration impacts than would occur under the SJCC FMP. Therefore, this alternative would result in less project-specific and/or cumulative construction noise impacts compared to the significant unavoidable construction noise impacts that would occur under the proposed implementation of the SJCC FMP.

This alternative would also have less increase in development and student growth, and substantially less associated traffic increases as compared to the SJCC FMP, and consequently, less operational noise than the proposed implementation of the SJCC FMP. As such, the alternative would further reduce the less than significant but mitigable project-specific impact associated with operational noise as under the SJCC FMP; and would result in a reduction of cumulative operational noise, relative to the less-than-significant cumulative impact under the SJCC FMP.

Population and Housing

This alternative would also result in no increase in population and housing, as would occur under the SJCC FMP.

Public Services

As compared to the SJCC FMP, this alternative would result in a smaller increase in service population compared to that which would occur under the proposed SJCC FMP. Therefore, this alternative would result in lower demand for public services. For this reason, project and/or cumulative impacts associated with need for new or altered fire protection, police protection, public school facilities, parks, or other public facilities would be less than significant, similar to the proposed SJCC FMP.

Recreation

This alternative would result in s smaller increase in service population compared to that which would occur under the proposed SJCC FMP. Therefore, the project and/or cumulative impacts of increase in the use of existing neighborhood and regional parks or other existing on- and off-campus recreational facilities, and the need for construction of new recreational facilities under this alternative would remain less-than-significant, similar to the proposed SJCC FMP.

Transportation

As compared to the SJCC FMP, this alternative would be limited to renovation of existing structures and result in no new construction at the SJCC campus site. Consequently, the significant construction phase impact to travel conditions along sidewalks and roadways serving the campus site under this alternative would be substantially less and would not be anticipated to require mitigation to control construction traffic.

As this alternative would result in less student growth than under the SJCC FMP, there would be less increase in associated operational traffic and any increases would be limited to the effects of

minor increases in the capacity related renovation of existing facilities at the SJCC campus site. With less operational traffic, this alternative would have less than significant project and/or cumulative impacts related to conflicts with programs, plans, ordinances or policies addressing the circulation system; increases in VMT; increases in hazard due to design features; and emergency access, similar to the proposed SJCC FMP.

Utilities and Service Systems

This alternative would result in no new building development and only incremental change associated increases in public utility demands at the SJCC campus site from renovation of existing structures, compared to implementation of the SJCC FMP. As a result, project and/or cumulative impacts related to utilities and service systems under this alternative would be less-than-significant as with the SJCC FMP. This would include impacts associated with: construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities; effects on water supply availability during normal, dry and multiple dry years; effects on wastewater treatment capacity; effects on capacity of local solid waste infrastructure, and compliance with federal, and state and local statutes and regulations related to solid waste.

Tribal Cultural Resources

This alternative would also result in substantially less ground disturbing construction activities compared to the SJCC FMP, and therefore have less potential to affect tribal cultural resources. Potentially significant project and cumulative impacts to previously unknown tribal cultural resources under this alternative would be similarly mitigated to a less-than-significant level as under the proposed SJCC FMP.

4.5 Summary Comparison of Alternatives

Table 4-1 provides a summary of comparison of impacts of the proposed SJCC FMP and the SJCC FMP alternatives, and indicates whether the impacts of the alternatives are more or less severe than those of the proposed SJCC FMP. For more information about the methodology used to evaluate potential impacts of the SJCC FMP and an explanation of the resulting impact conclusions, please see Chapter 3, *Environmental Analysis*.

4.6 Environmentally Superior Alternative

Section 15126.6(e)(2) of the CEQA Guidelines requires the identification of an environmentally superior alternative to the proposed project. If the environmentally superior alternative is the “no project” alternative, the EIR shall also identify an environmentally superior alternative among the other alternatives.

From the alternatives evaluated in this EIR, Alternative 3: Renovations Only Alternative is considered the environmentally superior alternative. Among the three alternatives, the Renovations Only Alternative would involve the least amount of demolition and construction and would involve the smallest increase in new campus site development and student capacity over existing conditions.

The Renovations Only Alternative would be anticipated to avoid the two significant unavoidable construction noise impacts, that would occur under the SJCC FMP. The Renovations Only Alternative would also serve to reduce the severity of the significant but mitigable impacts that would occur under the SJCC FMP, including impacts related to conflict with an applicable air quality plan, construction emissions, exposure of sensitive receptors to toxic air contaminant emissions, adverse impacts to protected species, interference with the movement or migration of species, adverse effects to archaeological resources or tribal cultural resources, disturbance of human remains, conflicts with state and local plans for renewable energy, destruction of unique paleontological resources, conflict with applicable greenhouse gas emissions reduction plans or policies, operational noise, construction vibration, and construction traffic effects.

For these reasons, the Renovations Only Alternative would be considered the environmentally superior alternative. However, this alternative would fail to fully achieve a number of the project objectives of the SJCC FMP, including expanding student capacity to accommodate anticipated future demand for community college services within the area traditionally served by the SJCC.

TABLE 4-1
COMPARISON OF THE PROPOSED SJCC FMP AND ALTERNATIVES

Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
I. Aesthetics				
I-a) Except as provided in Public Resources Code Section 21099, the project would have a substantial adverse effect on a scenic vista	NI	NI	NI	NI
I-b) Except as provided in Public Resources Code Section 21099, the project would substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway.	NI	NI	NI	NI
I-c) Except as provided in PRC Section 21099, the project would conflict with applicable zoning and other regulations governing scenic quality.	LTS	-/= LTS	-/= LTS	-/= LTS
I-d) Except as provided in PRC Section 21099, the project would create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area.	LTSM	- LTS	- LTS	- LTS
II. Agriculture and Forestry Resources				
II-a) The project would convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the map prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use.	NI	NI	NI	NI
II-b) The project would conflict with existing zoning for agricultural use or a Williamson Act contract.	NI	NI	NI	NI
II-c) The project would conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production.	NI	NI	NI	NI
II-d) The project would result in the loss of forest land or conversion of forest land to non-forest use.	NI	NI	NI	NI
II-e) The project would involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or forest land to non-forest use.	NI	NI	NI	NI

SUM Significant and Unavoidable with Mitigation
LTSM Less than Significant with Mitigation
LTS Less than Significant impact
LTCC Less than Cumulatively Considerable

- Lesser impact than that of the proposed CPHP
= Same (or similar) impact as that of the proposed CPHP
-/= Less or similar impact to that of the proposed CPHP
-/+ Less or greater impact as the proposed CPHP
=/+ Similar or greater impact to that of the proposed CPHP

TABLE 4-1 (CONTINUED)
COMPARISON OF THE PROPOSED SJCC FMP AND ALTERNATIVES

Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
III. Air Quality				
Impact 3.1-1: SJCC FMP construction and operation could conflict with or obstruct implementation of the applicable air quality plan.	LTSM	- LTSM	- LTSM	- LTS
Impact 3.1-2: Construction activities associated with the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is in non-attainment under an applicable federal or State ambient air quality standard.	LTSM	- LTSM	- LTSM	- LTS
Impact 3.1-3: Operation of campus facilities and buildings developed under the SJCC FMP could result in a cumulatively considerable increase in emissions for which the SFBAAB is non-attainment under an applicable federal or State ambient air quality standard.	LTS	- LTS	- LTS	- LTS
Impact 3.1-4: Construction activities associated with the SJCC FMP could lead to health risks from exposure of sensitive receptors to substantial concentrations of TACs.	LTSM	- LTSM	-/= LTSM	- LTS
Impact 3.1-5: The proposed SJCC FMP could lead to increased health risks from exposure of sensitive receptors to substantial concentrations of criteria air pollutants.	LTS	- LTS	- LTS	- LTS
Impact C-3.1-6: Implementation of the SJCC FMP combined with cumulative development in the vicinity would result in a cumulatively considerable net increase of a criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard.	LTSM	- LTSM	- LTSM	- LTS
Impact C-3.1-7: Implementation of the SJCC FMP could contribute considerably to cumulative emissions of TACs and $PM_{2.5}$ that could expose sensitive receptors to substantial pollutant concentrations or health risks.	LTSM	- LTSM	- LTSM	- LTS
IV. Biological Resources				
IV-a) The project would have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.	LTSM	- LTSM	-/= LTSM	-/= LTSM
IV-b) The project would have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.	NI	NI	NI	NI

SUM Significant and Unavoidable with Mitigation
LTSM Less than Significant with Mitigation
LTS Less than Significant impact
LTCC Less than Cumulatively Considerable

- Lesser impact than that of the proposed CPHP
= Same (or similar) impact as that of the proposed CPHP
-/= Less or similar impact to that of the proposed CPHP
-/+ Less or greater impact as the proposed CPHP
=/+ Similar or greater impact to that of the proposed CPHP

TABLE 4-1 (CONTINUED)
COMPARISON OF THE PROPOSED SJCC FMP AND ALTERNATIVES

Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
IV. Biological Resources (cont.)				
IV-c) The project would have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.	NI	NI	NI	NI
IV-d) The project would interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.	LTSM	- LTSM	-/= LTSM	-/= LTSM
IV-e) The project would conflict with any local policies or ordinances protecting biological resources, such as tree preservation policy or ordinance.	NI	NI	NI	NI
IV-f) The project would conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.	LTSM	- LTSM	-/= LTSM	-/= LTSM
V. Cultural Resources				
Impact 3.2-1: Implementation of the SJCC FMP would demolish historic architectural resources, but would not result in a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5.	NI	NI	NI	NI
Impact C-3.2-2: Implementation of the SJCC FMP would result in cumulatively considerable impacts on historic architectural resources, in combination with past, present and reasonably foreseeable future projects in the vicinity of the SJCC campus site.	NI	NI	NI	NI
V-b) The project would cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5	LTSM	- LTSM	- LTSM	NI
V-c) The project would disturb any human remains, including those interred outside of dedicated cemeteries.	LTSM	- LTSM	- LTSM	NI
VI. Energy				
Impact 3.3-1: The SJCC FMP would not result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during construction or operation.	LTS	- LTS	- LTS	- LTS
Impact 3.3-2: Energy use associated with the implementation of the proposed SJCC FMP would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency.	LTSM	- LTSM	- LTS	- LTS

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TABLE 4-1 (CONTINUED)
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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
VI. Energy (cont.)				
Impact C-3.3-3: Energy use associated with the implementation of the SJCC FMP would not result in a cumulatively considerable contribution to a significant energy impact.	LTSM	- LTSM	- LTSM	- LTS
VII. Geology and Soils				
VII-a) The project would directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault. Refer to Division of Mines and Geology Special Publication 42. ii) Strong Seismic ground shaking iii) Seismic-related ground failure, including liquefaction. iv) Landslides	LTS	- LTS	= LTS	- LTS
VII-b) The project would result in substantial soil erosion or the loss of topsoil.	LTS	- LTS	= LTS	- LTS
VII-c) The project would be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse.	LTS	-LTS	= LTS	- LTS
VII-d) The project would be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property.	LTS	- LTS	= LTS	= LTS
VII-e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water.	NI	NI	NI	NI
VII-f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.	LTSM	- LTSM	- LTSM	NI

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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
VIII. Greenhouse Gas Emissions				
Impact 3.4-1: Construction and operation of development proposed under the SJCC FMP could generate GHG emissions, either directly or indirectly, that could conflict with applicable plans, policies, or regulations adopted for the purpose of reducing the emissions of GHGs and lead to a significant impact on the environment.	LTSM	- LTSM	- LTSM	- LTSM
IX. Hazards and Hazardous Materials				
IX-a) The project would create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.	LTS	- LTS	- LTS	- LTS
IX-b) The project would create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.	LTS	- LTS	- LTS	- LTS
IX-c) The project would emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.	LTS	- LTS	- LTS	- LTS
IX-d) The project would be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment.	NI	NI	NI	NI
IX-e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, the project would result in a safety hazard or excessive noise for people residing or working in the project area	NI	NI	NI	NI
IX-f) The project would impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.	LTS	= LTS	- LTS	- LTS
IX-g) The project would expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires.	LTS	=LTS	= LTS	= LTS
X. Hydrology and Water Quality				
X-a) The project would violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality.	LTS	- LTS	- LTS	- LTS

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TABLE 4-1 (CONTINUED)
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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
X. Hydrology and Water Quality (cont.)				
X-b) The project would substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin	LTS	- LTS	- LTS	- LTS
X-c) The project would substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site;	LTS	- LTS	-/+ LTS	- LTS
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	LTS	-/+ LTS	-/+ LTS	- LTS
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	LTS	-/+ LTS	-/+ LTS	- LTS
iv) impede or redirect flood flows.	NI	NI	NI	NI
X-d) The project would, in flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation.	NI	NI	NI	NI
X-e) The project would conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.	LTS	= LTS	= LTS	= LTS
XI. Land Use and Planning				
XI-a) The project would physically divide an established community.	LTS	=LTS	-LTS	=LTS
XI-b) The project would cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.	LTS	= LTS	= LTS	- LTS
XII. Mineral Resources				
XII-a) The project would result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state.	NI	NI	NI	NI
XII-b) The project would result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan.	NI	NI	NI	NI

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TABLE 4-1 (CONTINUED)
COMPARISON OF THE PROPOSED SJCC FMP AND ALTERNATIVES

Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
XIII. Noise				
Impact 3.5-1: Construction activities associated with the implementation of the SJCC FMP could result in temporary increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	SU	- SU	-/= SU	- LTS
Impact 3.5-2: Stationary sources associated with operation of the proposed SJCC FMP could result in generation of a permanent increase in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	LTSM	- LTSM	- LTSM	- LTS
Impact 3.5-3: SJCC FMP-generated traffic noise would result in permanent increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.	LTS	- LTS	- LTS	- LTS
Impact 3.5-4: Construction activities associated with the implementation of the SJCC FMP could result in the generation of excessive groundborne vibration or groundborne noise levels.	LTSM	- LTSM	- LTSM	- LTSM
Impact C-3.5-5: Construction activities associated with the SJCC FMP combined with cumulative construction noise in the vicinity of the SJCC campus would result in a substantial temporary or periodic increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.	SU	- SU	- SU	- LTSM
Impact C-3.5-6: Operation of the SJCC FMP when considered with other cumulative development would cause a substantial permanent increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.	LTS	- LTS	- LTS	- LTS
XIV. Population and Housing				
XIV-a) The project would induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure).	NI	NI	NI	NI
XIV-b) The project would displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere.	NI	NI	NI	NI

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TABLE 4-1 (CONTINUED)
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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
XV. Public Services				
XV-a) The project would result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: i) Fire protection; ii) Police protection; iii) Schools; iv) Parks; v) Other public facilities.	LTS	- LTS	- LTS	- LTS
XVI. Recreation				
XVI-a) The project would increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated.	LTS	- LTS	- LTS	- LTS
XVI-b) The project includes recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	LTS	- LTS	- LTS	- LTS
XVII. Transportation				
Impact 3.6-1: Implementation of the SJCC FMP could conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.	NI	NI	NI	NI
Impact 3.6-2: Implementation of the SJCC FMP could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b).	LTS	- LTS	- LTS	- LTS
Impact 3.6-3: Implementation of the SJCC FMP could substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).	LTS	- LTS	= LTS	- LTS
Impact 3.6-4: Implementation of the SJCC FMP could result in inadequate emergency access.	LTS	= LTS	= LTS	= LTS

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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
XVII. Transportation (cont.)				
Impact 3.6-5: Construction activities under the SJCC FMP could temporarily impact travel conditions along sidewalks and roadways serving the SJCC site.	LTSM	- LTSM	- LTSM	- LTS
Impact C-3.6-6: Implementation of the SJCC FMP, in combination with other development, could conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b).	LTS	- LTS	- LTS	- LTS
Impact C-3.6-7: Implementation of the SJCC FMP, in combination with other development, could result in inadequate emergency access.	LTS	= LTS	= LTS	= LTS
Impact C-3.6-8: The proposed SJCC FMP would cause construction-related traffic impacts that would be cumulatively considerable under cumulative conditions.	LTS	- LTS	- LTS	- LTS
XVIII. Tribal Cultural Resources				
XVIII-a) The project would cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources, Code Section 5020.1(k), or ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	LTSM	- LTSM	- LTSM	NI
XIX. Utilities and Service Systems				
Impact 3.7-1: The SJCC FMP would not require or result in the relocation or construction of new or expanded water facilities, the construction or relocation of which could cause significant environmental effects.	LTS	- LTS	- LTS	- LTS
Impact 3.7-2: Sufficient water supplies would be available to serve the SJCC FMP and reasonably foreseeable future development during normal, dry, and multiple dry years.	LTS	- LTS	- LTS	- LTS

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TABLE 4-1 (CONTINUED)
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Impact	Proposed SJCC FMP	Alternative 1: No Project – Implement SJCC 2025 Updated FMP Alternative	Alternative 2: Reduced Project Alternative	Alternative 3: Renovations Only Alternative
XIX. Utilities and Service Systems (cont.)				
Impact 3.7-3: The proposed SJCC FMP would not result in a determination by the wastewater treatment provider that serves or may serve the project that it does not have adequate capacity to serve the SJCC FMP's projected demand in addition to the provider's existing commitments.	LTS	- LTS	- LTS	- LTS
Impact 3.7-4: Implementation of the SJCC FMP would not generate waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair attainment of solid waste reduction goals; and would comply with federal, State, or local management and reduction statutes and regulations related to solid waste.	LTS	- LTS	- LTS	- LTS
Impact C-3.7-5: Implementation of the SJCC FMP in combination with past, present, and reasonably foreseeable future projects, would not substantially contribute to cumulative impacts related to utilities and service systems.	LTS	- LTS	- LTS	- LTS
XX. Wildfire				
XX-a) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, the project would substantially impair an adopted emergency response plan or emergency plan.	NI	NI	NI	NI
XX-b) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, the project would, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire.	NI	NI	NI	NI
XX-c) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, the project would require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment.	NI	NI	NI	NI
XX-d) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, the project would expose people or structures to significant risks, including downslope or downstream flooding for landslides, as a result of runoff, post-fire slope instability, or drainage changes.	NI	NI	NI	NI

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CHAPTER 5
Other CEQA Considerations

5.1 Introduction

Section 15126 of the CEQA Guidelines requires that evaluation of a project's impact on the environment must consider all phases of the project, including planning, construction, and operation. Further, CEQA Guidelines Section 15126.2(a) requires that the evaluation of significant impacts consider direct and reasonably foreseeable indirect effects of the proposed project over the short-term and long-term. The EIR must identify (1) significant environmental effects of the proposed project, (2) potentially feasible mitigation measures proposed to avoid or substantially lessen significant effects, (3) significant environmental effects that cannot be avoided if the proposed project is implemented, (4) significant irreversible environmental changes that would result from implementation of the proposed project, (5) growth-inducing impacts of the proposed project, and (6) alternatives to the proposed project.[1]

Chapter 2 of the Draft EIR provides the description of the proposed SJCC FMP and Chapter 3, *Environmental Setting, Impacts, and Mitigation Measures*, Sections 3.1 through 3.7, provides analysis of the environmental effects of the implementation of the proposed SJCC FMP, potentially feasible mitigation measures, and conclusions regarding the level of significance of each impact before and after mitigation. Chapter 4, *Alternatives*, presents a comparative analysis of alternatives to the proposed SJCC FMP. The other CEQA-required analyses described above are presented in this chapter.

5.2 Significant and Unavoidable Impacts

Section 15126.2(b) of the CEQA Guidelines requires that an EIR describe any significant impacts that cannot be avoided, even with the implementation of feasible mitigation measures. The environmental effects of the proposed SJCC FMP on various aspects of the environment are discussed in detail in Chapter 3, *Environmental Setting, Impacts, and Mitigation Measures*. Significant impacts of the proposed SJCC FMP that cannot be avoided if the EIR is approved as proposed are summarized below.

Section 15126.2(b) also requires: "Where there are impacts that cannot be alleviated without imposing an alternative design, their implications and reasons why the project is being proposed, notwithstanding their effect, should be described." The discussion of the feasibility of alternatives to address significant impacts of the proposed SJCC FMP is discussed in Chapter 4, *Alternatives*.

[1] CEQA Guidelines sections 15126.2(a), (c-e), 15126.4, and 15126.6.

5.2.1 Project-Specific Significant and Unavoidable Impacts

Impact 3.5-1: Construction activities associated with the implementation of the SJCC FMP could result in temporary increases in ambient noise levels in the vicinity of the SJCC campus in excess of standards established in the City of San José General Plan or Noise Ordinance, or applicable standards of other agencies.

5.2.2 Cumulative Significant and Unavoidable Impacts

Impact C-3.5-5: Construction activities associated with the SJCC FMP combined with cumulative construction noise in the vicinity of the SJCC campus would result in a substantial temporary or periodic increase in ambient noise levels in excess of standards established in the City of San José General Plan or Noise Ordinance.

5.3 Significant Irreversible Environmental Effects

Under CEQA, an EIR must analyze the extent to which a project's primary and secondary effects would commit future generations to the allocation of nonrenewable resources and to irreversible environmental damage (CEQA Guidelines Section 15126.2(c)). Specifically, Section 15126.2(c) states:

> Uses of nonrenewable resources during the initial and continued phases of the project may be irreversible, since a large commitment of such resources makes removal or nonuse thereafter unlikely. Primary impacts and, particularly, secondary impacts (such as highway improvement which provides access to a previously inaccessible area) generally commit future generations to similar uses. Also, irreversible damage can result from environmental accidents associated with the project. Irretrievable commitments of resources should be evaluated to assure that such current consumption is justified.

Generally, a project would result in significant irreversible environmental changes if:

- The primary and secondary impacts would generally commit future generations to similar uses;
- The project would involve a large commitment of nonrenewable resources;
- The proposed consumption of resources is not justified (e.g., the project involves the wasteful use of energy); and/or
- The project would involve uses in which irreversible damage could result from any potential environmental accidents associated with the project.

Each of these issues is discussed below for the proposed SJCC FMP.

5.3.1 Commitment of the Project Site for Future Generations

The SJCC is an existing community college campus that has been built out with urbanized uses and updated over time. The implementation of the SJCC FMP would not alter the types of land

uses and activities conducted at the campus and would recommit the land resources of the campus to urban development for future generations.

As discussed in Chapter 2, *Project Description*, the proposed SJCC FMP projects and activities, namely demolition, re-construction/restoration, and new construction would be contained within the developed areas within the SJCC campus.

5.3.2 Large Commitment of Resources

With respect to the commitment of non-renewable resources, and consumption of resources, these would occur during both construction and operation of the proposed SJCC FMP. Construction of new development and demolition or renovation of existing structures and infrastructure would require the use of fossil fuel, construction materials, and water.

Operation of the SJCC campus facilities under the SJCC FMP, would require an irreversible commitment of energy, primarily in the form of fossil fuels, for heating and cooling of buildings, for vehicle fuel, and for energy production; as well as potable and non-potable water for consumption, landscaping, and other uses.

5.3.3 Unjustified Consumption of Resources

Resources that would be permanently and continually consumed by implementation of the proposed project include water, electricity, natural gas, and fossil fuels; however, the amount and rate of consumption of these resources would not result in the unnecessary, inefficient, or wasteful use of resources (see Chapter 3, Section 3.3, *Energy*, and Section 3.7, *Utilities and Service Systems*). As shown in Section 3.3, the proposed SJCC FMP's annual net new energy demand for electricity, natural gas, and diesel would increase. However, the annual gasoline consumption from vehicle trips per student to the campus is expected to reduce. In addition, electricity and fossil fuels would also be consumed in the use of vehicles and equipment during construction of the proposed SJCC FMP.

Project Construction

Consumption of non-renewable fossil fuels during construction of the proposed SJCC FMP is described in Section 3.3, *Energy*. Construction of the proposed SJCC FMP would result in the irretrievable commitment of construction materials (e.g., steel products, cement, glass). While construction of the proposed SJCC FMP would result in the irretrievable commitment of nonrenewable energy resources, primarily in the form of fossil fuels (including fuel oil), natural gas, and gasoline for automobiles and construction equipment, the consumption of fossil fuels would occur on a temporary basis during the construction period.

Construction methods would employ fuel-efficient equipment consistent with State and federal regulations, such as fuel efficiency regulations in accordance with the CARB Pavley Phase II standards, the anti-idling regulation in accordance with Section 2485 in Title 13 of the CCR, and fuel requirements for stationary equipment in accordance with Section 93115 (concerning Airborne Toxic Control Measures) in Title 17 of the CCR. Use of construction equipment that is

compliant with these regulations would result in the use of more fuel-efficient engines and associated fuel savings.

Construction under the SJCC FMP would also involve demolition of six existing structures, and renovation and repurposing of existing structures on the SJCC campus, which would generate solid waste in the form of concrete, demolition debris, and other materials. It is anticipated that the SJCC FMP would comply with City of San José Construction and Demolition Diversion program requirements and that a minimum of 50 percent of these materials would be recycled or otherwise diverted from landfill, consistent with City regulations, per Title 9, Chapter 9.10.2440 of the City's Municipal Code and state objectives for diversion of construction demolition debris.

The SJCC FMP would divert mixed construction and demolition debris to City-certified construction and demolition waste processors using City-certified waste haulers, which would reduce truck trips to landfills, and increase the amount of waste recovered (e.g., recycled, reused, etc.) at material recovery facilities, thereby further reducing transportation fuel consumption. As such, the consumption of energy during project construction would not be wasteful, inefficient, or unnecessary.

Project Operation

Operation of the SJCC FMP would result in the demand for electricity and natural gas for project operations, and gasoline and diesel fuel for transportation and backup generation functions. As described in Section 3.3, *Energy*, future energy use for development under the SJCC FMP would result in an increase in annual net new energy demand.

Assuming compliance with 2019 Title 24 Building Energy Efficiency standards and applicable 2019 CALGreen Code requirements, the campus buildings and facilities at buildout would result in a projected net increase in the annual demand for electricity. As described in Section 3.3, *Energy*, the future energy use would represent a very small percentage of future state consumption and would be within projected electrical supplies.

In addition, the SJCC FMP's operational electricity consumption would have a negligible effect on peak-load conditions of the power grid. As the proposed SJCC FMP would comply with the CALGreen Code and with implementation of Mitigation Measure 3.4-1, related to greenhouse gas emissions, all renovated and newly constructed buildings on campus would be required to incorporate design features necessary to achieve LEED Silver certification level or equivalent standards. Implementation of the measures in Mitigation Measure 3.4-1 would reduce energy consumption, promote energy efficiency, and increase the use of renewable electricity at the campus. Therefore, the proposed SJCC FMP would not be anticipated to result in the wasteful or inefficient use of electrical energy.

The analysis of the SJCC FMP in Section 3.3 evaluates the future use of natural gas for the operations of the SJCC campus. The SJCC's Central Plant provides the heating and cooling needs of the majority of buildings on campus. Buildings not served by the Central Plant are served by dedicated package systems. Based on the *Utility Infrastructure Master Plan* prepared for the campus, natural gas usage is anticipated to increase from 21,677 MMBtu in 2019 to 38,547

MMBtu in 2030 with the implementation of the SJCC FMP. Though natural gas usage will increase with the SJCC FMP, greater efficiencies would be introduced through newer equipment and systems. As an example, all three boilers at the Central Plant will be replaced pursuant to an agreement between the SJECCD and BAAQMD. The new boilers, which would serve existing structures and structures constructed pursuant to the SJCC FMP would be more energy efficient than the existing ones (see Section 3.3, *Energy*).

In addition to complying with applicable regulatory requirements regarding energy conservation (e.g., California Building Energy Efficiency Standards and the CALGreen Code), the SJCC FMP also includes design features to further reduce natural gas use. The Career Technology Education (CTE) Building is proposed to be constructed as a Zero Net Energy Building relying entirely on renewable energy in the form of electricity. This would reduce future natural gas use at the campus. For these reasons, operation of the proposed SJCC FMP would not result wasteful or inefficient use of natural gas.

Collectively, the incorporation of the above described conservation measures and features, operation of the proposed SJCC FMP would minimize the consumption of electricity, natural gas, and transportation fuels. Therefore, as the operation of the proposed SJCC FMP would not result in the wasteful, inefficient, or unnecessary consumption of electricity, natural gas, and transportation fuels, and thus would not result in the unjustified consumption of natural resources.

5.3.4 Irreversible Environmental Damage

The CEQA Guidelines also require a discussion of the potential for irreversible environmental damage that could be caused by an accident associated with the proposed SJCC FMP. The proposed SJCC FMP could result in the use, transport, storage, and disposal of limited amounts of hazardous wastes during construction and operation. However, as described in the Initial Study, all activities would comply with applicable State and federal laws related to hazardous materials, which significantly reduce the likelihood and severity of the occurrence of accidents that could result in irreversible environmental damage.

As discussed in detail in Section 3.4, *Greenhouse Gas Emissions*, the emission of GHGs is known to have long-term effects on atmospheric conditions that affect the global climate, with resultant changes in sea level, hydrological conditions in rivers, heat island effects, and a range of other conditions. While these changes are not considered irreversible, they could last for generations. As further described in Section 3.4, the proposed SJCC FMP could result in short-term increases in GHG emissions, and despite the implementation of mitigation measures, would result in a net increase in GHG emissions over the existing scenario. As such, the proposed SJCC FMP would contribute to global climate change and related irreversible environmental damage.

The most notable significant irreversible impacts of the proposed SJCC FMP are the short-term commitment of non-renewable and slowly renewable natural and energy resources, such as water and energy resources used during construction activities. Operations associated with future uses would also consume water, natural gas and electrical energy. The unavoidable environmental consequences of the proposed SJCC FMP are described in the appropriate sections in Chapter 3, *Environmental Setting, Impacts, and Mitigation Measures*, and Section 4.2, above.

5.4 Growth-Inducing Effects

As required by CEQA Guidelines Section 15126.2(e), an EIR must discuss ways in which a project could foster economic or population growth or the construction of additional housing, either directly or indirectly, in the surrounding environment. Also, an EIR must discuss the characteristics of a project that could encourage and facilitate other activities that could significantly affect the environment, either individually or cumulatively. Growth can be induced in a number of ways, such as through the elimination of obstacles to growth, through the stimulation of economic activity within the region. The purpose of this section is to evaluate the potential growth-inducing effects resulting from the implementation of the proposed SJCC FMP in the project area.

In general, a project may foster spatial, economic, or population growth in a geographic area if the project removes an impediment to growth (e.g., the establishment of an essential public service, the provision of the new access to or infrastructure capacity that serves an area); or indirectly stimulates economic expansion or growth that occurs in an area in response to the project (e.g., changes in revenue base, employment expansion).

Elimination of Obstacles to Growth

The elimination of physical obstacles to growth is considered a growth-inducing effect. The SJCC campus is located in a highly urbanized area. Common factors that limit growth include limited capacities of local or regional utility infrastructure, such as storm drainage systems, or wastewater conveyance and treatment systems. Transportation infrastructure can also be a factor that limits growth.

The SJCC Campus, located within a fully urbanized landscape has transportation and utility infrastructure designed to accommodate urban development in the City of San José, unincorporated County of Santa Clara and Southern Bay Area region. The proposed SJCC FMP does not include circulation improvements or expand the capacity of public roadways. As described in Section 3.7, *Utilities and Service Systems*, existing service systems for water supply, wastewater, and storm drainage are either currently adequate to serve the proposed project, or would require localized improvements to accommodate the proposed SJCC FMP. Such improvements would not be sized to provide substantial excess capacity beyond what is needed to serve the proposed SJCC FMP.

As such, the proposed SJCC FMP would not eliminate obstacles to further growth in the City of San José, County of Santa Clara, or surrounding areas.

Economic Effects

Growth can be induced in a number of ways, including the elimination of obstacles to growth, or through the stimulation of economic activity within the region. The discussion of removal of obstacles to growth relates directly to the removal of infrastructure limitations or regulatory constraints that could result in population growth or development unforeseen at the time of project approval. Under CEQA, growth is not necessarily considered beneficial, detrimental, or of little significance to the environment.

Direct Population and Employment Growth

The SJCC FMP anticipates the demand for facility space based on the SJCC Education Master Plan (EMP). The EMP is one of the tools utilized by the District to plan for projected campus population growth and demand for community college educational programs from its primary service area. The District projects that student population at the SJCC campus is anticipated to grow from 8,706 students in 2019 and 8,773 in 2020 to 10,735 students in 2030[2] with concurrent increase in faculty and staff.

Student population growth would not result in a direct population increase leading to a subsequent growth, as the SJCC does not provide housing for students or faculty and administrators. The increase in student population could increase student use of nearby businesses. The increase in faculty to serve the increased student population would be anticipated to induce people moving to the area to work at the campus is likely to be entirely accommodated by the existing and new housing in the City of San José, County of Santa Clara, and other surrounding communities.

The City of San José and County of Santa Clara is the primary study area that would be affected directly by SJCC FMP-related employment effects that could in turn result in demand for additional housing. However, effects may extend beyond the County of Santa Clara to neighboring counties in the Bay Area. It is assumed that future students and employees would make approximately the same residential location decisions as current SJCC students and employees. However, as described in Section 3.6 of the Draft EIR, *Transportation*, implementation of the SJCC would result in a reduction in average daily student vehicle miles traveled due to the anticipated majority of student population growth taking place in areas closer to the SJCC campus.

The potential physical environmental impacts associated with the induced demand for housing resulting from the proposed SJCC FMP are evaluated in the environmental analysis sections of this EIR (e.g., Section 3.1, *Air Quality*; Section 3.3, *Energy*; Section 3.4, *Greenhouse Gas Emissions*; Section 3.6, *Transportation*; and Section 3.7, *Utilities and Service Systems*; see also **Appendix A**, *Initial Study*). To the extent any new housing in the region may be required for the additional staff growth anticipated for the SJCC FMP, it would likely result in some environmental impacts; however, it would be speculative to characterize the site-specific environmental effects resulting from the development of such housing. Further, it is likely that existing or planned future housing would be adequate to provide housing for these individuals as the SJCC facilities expand in capacity pursuant to the SJCC FMP.[3] The General Plans of jurisdictions planning for new housing contain policies and other measures that address the environmental effects of new housing development. Specific housing development projects also would be subject to the environmental review process of affected jurisdictions.

In general, the potential effects of this population growth could include: increased traffic congestion; increased air pollutant emissions; loss of agricultural land and open space; loss of habitat and associated flora and fauna; increased demand on public utilities and services, such as

2 SJECCD WSCH Forecast.

3 CEQA Guidelines section 15145 states that "[i]f, after thorough investigation, a Lead Agency finds that a particular impact is too speculative for evaluation, the agency should note its conclusion and terminate discussion of the impact."

fire and police protection, water, recycled water, wastewater, solid waste, energy, and natural gas; and increased demand for housing. An increase in population growth would also require governmental services including, but not limited to, public schools, libraries, and parks.

Indirect Economic Growth

In addition to the student population and employment growth generated by implementation of the SJCC FMP, additional local employment could be generated through what is commonly referred to as the "multiplier effect." The multiplier effect refers to the secondary economic effects caused by spending from project-generated students and employees.

The multiplier effect also calculates induced employment. Induced employment follows the economic effect of employment beyond the expenditures of the students and employees within the SJCC campus site to include jobs created by the stream of goods and services necessary to construct and operate the SJCC campus as envisioned in the SJCC FMP.[4] The multiplier effect tends to be greater in regions with larger diverse economies (such as the Bay Area) due to a decrease in the requirement to import goods and services from outside the region, as compared to the effects of spending in smaller economies where goods and services must be imported from elsewhere.

Indirect economic growth would result under the proposed SJCC FMP from non-SJCC jobs that might be induced by the growth in campus-affiliated populations. Indirect jobs that would be generated by implementation of the proposed SJCC FMP include those of suppliers of goods and services to SJCC and induced jobs are created through the household expenditures of SJCC and supplier workers. For example, when a SJCC staff member purchases goods or services at local businesses, additional employees are hired.

The number of indirect and induced jobs generated by a community college is commonly calculated by applying a ratio, or job multiplier, to the number of jobs provided directly by such an institution. The projected increase in jobs under the proposed SJCC is approximately 156 staff and faculty positions by 2030.[5] Using a job multiplier of 0.73,[6] at full development of the campus site under the SJCC FMP (by 2030), an additional 114 jobs elsewhere in the Bay Area could be indirectly caused by or induced by growth under the proposed SJCC FMP.

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4 For example, when a manufacturer buys products or sells products, the employment associated with those inputs or outputs are considered induced employment. As an additional example, when a staff member from the campus site goes out to lunch, the person who serves the student or employee lunch holds a job that was indirectly caused by the proposed SJCC FMP. When the server then goes out and spends money in the economy, the jobs generated by this third-tier effect are considered induced.

5 For the purposes of this analysis, the Draft EIR Assumes a conservatively high student-to-staff ratio of 13:1, similar to other similar higher education uses.

6 Multipliers identified in studies of other college campuses range from 0.33 to 1.36 (Stanford, 2017). At 0.73 indirect and induced workers per SJCC worker, the study conducted for USF may provide the best "order of magnitude" estimate for regional impacts for SJCC, as it is in the same Bay Area region with the same range of available local goods and services.

Environmental Effects of Indirectly Caused and Induced Growth

The residential locations of people working in indirect and induced jobs is unknown. It would be speculative to conclude where such workers would reside or be employed in the Bay Area (or beyond), or to determine any associated environmental effects.

Growth induced directly and indirectly by the proposed SJCC FMP would likely affect the greater Bay Area region. It is acknowledged above that the precise nature, location, and magnitude of effects of indirect and induced growth cannot be determined, or are likely to be spread across a large geographic area. However, the proposed SJCC FMP would likely result in an incremental increase in overall demand in the region for housing, commercial and industrial space, and associated infrastructure as a result of induced growth from the expansion in operations at the SJCC campus.

Potential effects could include: increased traffic congestion; increased air pollutant emissions; loss of agricultural land and open space; loss of habitat and associated flora and fauna; increased demand on public utilities and services, such as fire and police protection, water, recycled water, wastewater, solid waste, energy, and natural gas; and increased demand for housing. An increase in housing demand in the Bay Area region would also require governmental services including, but not limited to, schools, libraries, and parks to serve new commercial and residential development.

Indirect and induced employment and population growth could further contribute to the loss of open space because it would encourage conversion to urban uses for housing, commercial space, and infrastructure, although most jurisdictions have adopted smart-growth policies that discourage or prohibit this type of development.

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CHAPTER 6
Acronyms and Other Abbreviations

Acronym or Abbreviation	Definition
2017 Scoping Plan Update	2017 Climate Change Scoping Plan Update
2030 GHGRS	*2030 Greenhouse Gas Reduction Strategy*
$\mu g/m^3$	microgram(s) per cubic meter
AB	Assembly Bill
ABAG	Association of Bay Area Governments
AFY	acre-feet per year
ALUC	Santa Clara County Airport Land Use Commission
Airport	Norman Y. Mineta San José International Airport
AR4	Fourth Assessment Report
ARM	Archaeological Resource Management
ASF	assignable square feet
ATCM	Air Toxic Control Measure
avg.	average
BAAQMD	Bay Area Air Quality Management District
BAAQMD CEQA Guidelines	Bay Area Air Quality Management District *California Environmental Quality Act Air Quality Guidelines*
BACT	Best Available Control Technology
BART	Bay Area Rapid Transit
BMP	best management practice
BOT	Board of Trustees
Btu	British thermal unit(s)
C&D	construction and demolition
CAA	Clean Air Act
CAAQS, or "state standards"	California ambient air quality standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CALGreen Code	California Green Building Standards Code
California Register	California Register of Historic Resources
CalRecycle	California Department of Resources and Recycling
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARE	Community Air Risk Evaluation

Acronym or Abbreviation	Definition
CBC	California Building Code
CCA	Community Choice Aggregator
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Guidelines	*Guidelines for Implementing the California Environmental Quality Act*
CFR	Code of Federal Regulations
CGP	Construction General Permit
Checklist	City of San José Greenhouse Gas Reduction Strategy Compliance Checklist
City	City of San José
City General Plan	*Envision San José 2040 General Plan*
CL	city landmark
CLUP	Norman Y. Mineta San José International Airport's Comprehensive Land Use Plan
CMA	congestion management agency
CMP	congestion management program
CNEL	community noise equivalent level
CNG	compressed natural gas
CNRA	California Natural Resources Agency
COVID-19	Coronavirus disease 2019
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
Construction General Permit	General Construction Activity Stormwater Permit
County	County of Santa Clara
CPUC	California Public Utilities Commission
dB	decibel(s)
dBA	A-weighted decibel(s)
DGE	diesel gallon equivalency
District	San José Evergreen Community College District
DNL	day-night average noise level
Downtown	City of San José Downtown area
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DSA	Division of State Architect
DTSC	California Department of Toxic Substances Control
EIR	environmental impact report
EMFAC2017	Emission Factor model
EMP	educational master plan
EMS	Emergency Medical Services
EPA	U.S. Environmental Protection Agency
ESA	Environmental Science Associates
EV	electric vehicle

Acronym or Abbreviation	Definition
EVC	Evergreen Valley College
EVC EMP	Evergreen Valley College Educational Master Plan
EVC FMP	Evergreen Valley College Facilities Master Plan
FHWA	Federal Highway Administration
FMP	facilities master plan
FTA	Federal Transit Administration
General Plan	*Envision San José 2040 General Plan*
GHG	greenhouse gas
GHGRS	City of San José Greenhouse Gas Reduction Strategy
gpd	gallons per day
GSF	gross square feet
GWP	global warming potential
HAP	hazardous air pollutant
HI	hazard index
hp	horsepower
HRA	Health Risk Assessment
HRI	City of San José Historic Resources Inventory
HVAC	heating, ventilation, and air conditioning
Hz	hertz
I-280	Interstate 280
I-880	Interstate 880
IEPR	Integrated Energy Policy Report
in/sec	inch(es) per second
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ITE	Institute of Transportation Engineers
kBtu	thousand British thermal units
km	kilometer(s)
kV	kilovolt(s)
kW	kilowatt(s)
kWh	kilowatt-hour(s)
lb	pound(s)
LCFS	low carbon fuel standard
LEED®	Leadership in Energy and Environmental Design
L_{eq}	equivalent-continuous sound level, or “average sound level”
LID	Low Impact Development
L_{max}	maximum instantaneous noise level experienced during a given period of time
LOS	level of service
LRT	light rail train
m	meter(s)
MEIR	Maximally Exposed Individual Receptor
MERV	minimum efficiency reporting value
mgd	million gallons per day
MMBtu	million British thermal units

Acronym or Abbreviation	Definition
MMRP	Mitigation Monitoring and Reporting Program
MMT	million metric ton(s)
$MMTCO_2e$	million metric ton(s) of carbon dioxide equivalent
mpg	miles per gallon
mph	miles per hour
MS4	municipal separate storm sewer system
MT	metric ton(s)
MTC	Metropolitan Transportation Commission
$MTCO_2e$	metric ton(s) of carbon dioxide equivalent
$MTCO_2e$/year/SP	metric ton(s) of carbon dioxide equivalent per year per service population
Municipal Code	City of San José Municipal Code
MW	megawatt(s)
MWELO	Model Water Efficient Landscape Ordinance
MWh	megawatt-hour(s)
NAAQS, or "national standards"	national ambient air quality standards
National Register	National Register of Historic Places
NECPA	National Energy Conservation Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NHA	not historic-age
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
Noise Ordinance	City of San José Noise Ordinance
NOP	Notice of Preparation
NO_X	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPDES General Stormwater Permit	National Pollutant Discharge Elimination System General Construction Permit for Discharges of Stormwater Associated with Construction Activities
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PA	public address
PDA	priority development area
PE	physical education
PG&E	Pacific Gas and Electric Company
PHEV	plug-in hybrid electric vehicle
PM	particulate matter
PM_{10}	particulate matter that is 10 microns or less in diameter
$PM_{2.5}$	particulate matter that is 2.5 microns or less in diameter
ppb	part(s) per billion
ppm	part(s) per million
PPV	peak particle velocity
PRC	Public Resources Code

Acronym or Abbreviation	Definition
Program	climate protection program
Project	San José City College Vision 2030 Facilities Master Plan Draft Environmental Impact Report
REL	reference exposure level
RMS	root mean square
ROG	reactive organic gases
RPS	Renewables Portfolio Standard
RWF	San Jose-Santa Clara Regional Wastewater Facility
SAR	Second Assessment Report
SB	Senate Bill
SBWR	South Bay Water Recycling
SCAQMD	South Coast Air Quality Management District
Scoping Plan	Climate Change Scoping Plan
SFBAAB, or Bay Area	San Francisco Bay Area Air Basin
SFPUC	San Francisco Public Utilities Commission
SJCC	San José City College
SJCC EMP	San José City College Educational Master Plan
SJCC FMP	San José City College Vision 2030 Facilities Master Plan
SJCE	San José Clean Energy
SJECCD	San José Evergreen Community College District
SJFD	San José Fire Department
SJVAPCD	San Joaquin Valley Air Pollution Control District
SJWC	San Jose Water Company
SO_2	sulfur dioxide
SP	service population
Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
SR	State Route
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TA Handbook	Transportation Analysis Handbook
TCR	The Climate Registry
TIA	transportation impact analysis
TPA	transit priority area
USGBC	U.S. Green Building Council
USGCRP	United States Climate Change Research Program
UWMP	Urban Water Management Plan
V/C	volume-to-capacity ratio
Valley Water	Santa Clara Valley Water District
VdB	vibration decibel(s)
VDECS	Verified Diesel Emissions Control Strategies
VMT	vehicle miles traveled
VOC	volatile organic compound
VTA	Santa Clara Valley Transportation Authority

Acronym or Abbreviation	Definition
W	watt(s)
WRAP	Western Regional Air Partnership
WSA	Water Supply Assessment
WSMP 2040	Water Supply Master Plan 2040
ZEV	zero-emission vehicle

CHAPTER 7

Report Preparers, and Persons and Organizations Consulted

7.1 Lead Agency

San José Evergreen Community College District

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Appendix A

Initial Study/ Notice of Preparation (NOP)

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SAN JOSÉ CITY COLLEGE FACILITIES MASTER PLAN

Initial Study

Prepared for
San José Evergreen Community College District

October 2020

ESA

SAN JOSÉ CITY COLLEGE FACILITIES MASTER PLAN

Initial Study

Prepared for
San José Evergreen Community College District

October 2020

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ENVIRONMENTAL CHECKLIST

Initial Study

1. Project Title:	Vision 2030 San José City College Facilities Master Plan
2. Lead Agency Name and Address:	San José Evergreen Community College District
3. Contact Person and Phone Number:	Terrance S. DeGray Associate Vice Chancellor Physical Plant Development and Operations (408) 270-6401 Terrance.DeGray@sjeccd.edu
4. Project Location:	San José City College, 2100 Moorpark Avenue, San José, CA 95128
5. Project Sponsor's Name and Address:	San José Evergreen Community College District
6. General Plan Designation(s):	Envision San José 2040 General Plan Designation: Public/Quasi-Public (P/QP) and Urban Village Commercial (UVC)
7. Zoning:	San José Land Use Zoning: Single-Family Residential (R-1-8), Multiple Residence District (R-M), Commercial Pedestrian (CP), and Planned Development (PD)

8. Description of Project:

The San José Evergreen Community College District (SJECCD) proposes to construct and implement the Vision 2030 San José City College Facilities Master Plan (SJCC FMP), which would include renovations throughout the SJCC campus, demolition of aging structures, construction of new structures, and upgrades to existing transportation and circulation facilities.

9. Surrounding Land Uses and Setting:

The SJCC campus is located in an urban setting and is surrounded by a variety of land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a San José Fire Department fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across Interstate 280 (I-280).

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.):

N/A

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

The SJECCD has not received a request for consultation from California Native American Tribes pursuant to Public Resources Code section 21080.3.1. Nevertheless, the SJECCD sent notification letters to the representatives of applicable California Native American Tribes for which the SJECCD and its consultants anticipate may have an interest in commenting on the proposed project. No responses were received from the California Native American Tribes contacted for the proposed project.

Introduction

The SJECCD proposes to implement the SJCC FMP to meet the facilities requirements contained in the 2030 Educational Master Plan (EMP) for the SJCC campus. The proposed project evaluated in this initial study documents the implementation, including construction and operation, of the SJCC FMP.

Project Location

The SJCC campus is located at 2100 Moorpark Avenue in central San José in Santa Clara County. The location of the campus within Santa Clara County and the City of San José is shown on **Figure 1** (Regional Location). The campus is immediately south of Interstate 280 (I-280) and is bounded by Moorpark Avenue to the north; Rexford Way, Mansfield Drive, Kingman Avenue, and Fruitdale Avenue to the south; Laswell Avenue and South Bascom Avenue to the west; and Leigh Avenue to the east. The campus encompasses approximately 61acres.

Surrounding Uses

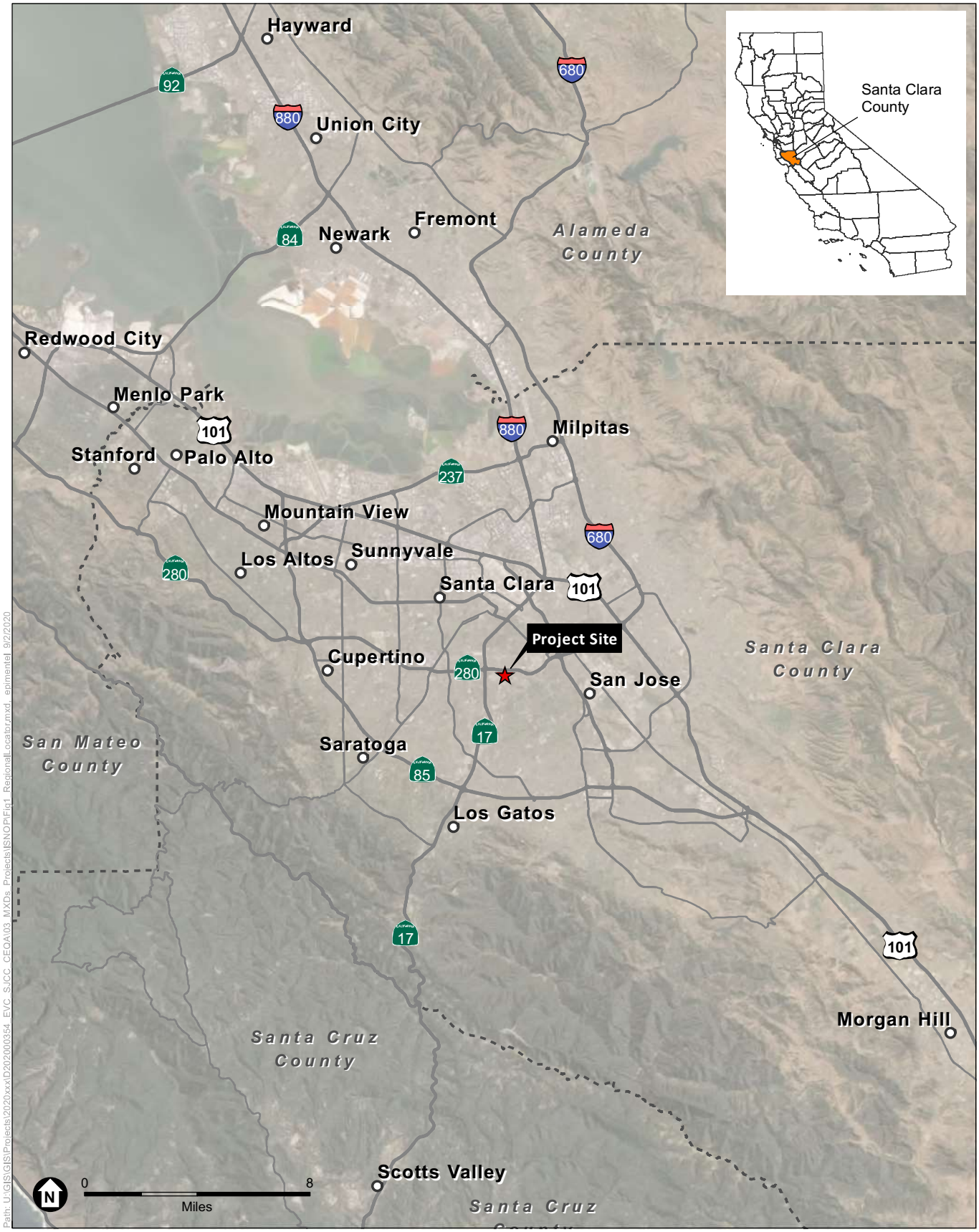
The SJCC campus is located in an urban setting and is surrounded by a variety of land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a San José Fire Department (SFFD) fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280. **Figure 2** (SJCC Campus Surrounding Land Uses) depicts the location of land use patterns in the SJCC campus vicinity.

Environmental Setting

Existing Campus Facilities

The SJCC campus was established at its current site in 1953. The initial buildings were constructed in the 1950s, and construction has continued on the campus to the present day. Existing buildings are concentrated mainly in the central, western, and northern portions of the campus. The majority of instructional buildings are on the west half of the campus, and the Library, Student Center, and athletic playfields occupy the east half.

The age and condition of campus facilities varies. The buildings on campus comprise mix of architectural styles, materials, and massing, and generally range from two to five stories. Fourteen of the 19 campus buildings are over 30 years old, and seven of these are approaching or exceed 60 years of age. **Figure 3** (San Jose City College) shows the layout of the SJCC campus, key buildings and facilities, and the age of facilities.

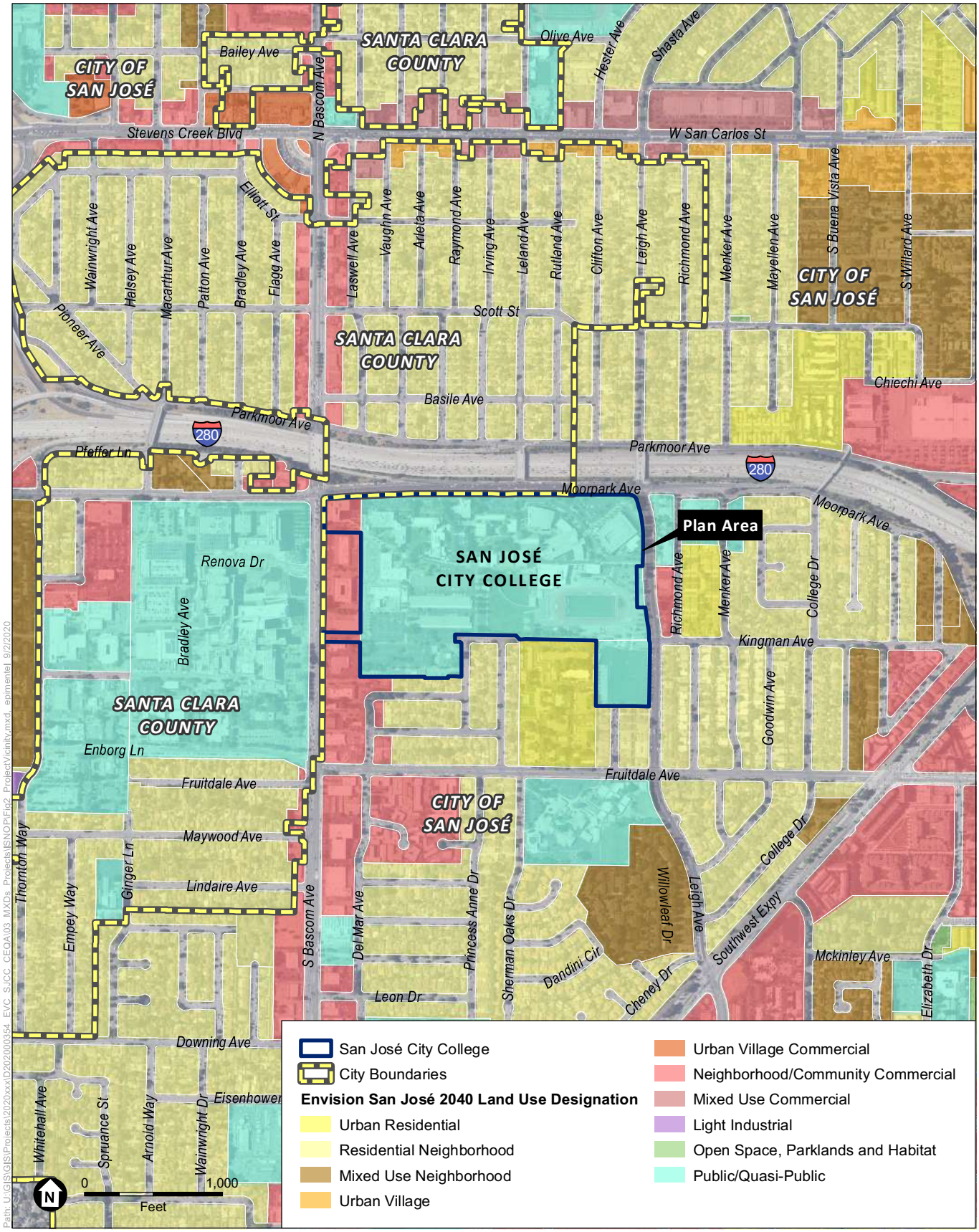


SOURCE: Esri, 2012; ESA, 2020

San José City College Facilities Master Plan - San José Evergreen Community College District - Initial Study

Figure 1
Regional Location

ESA

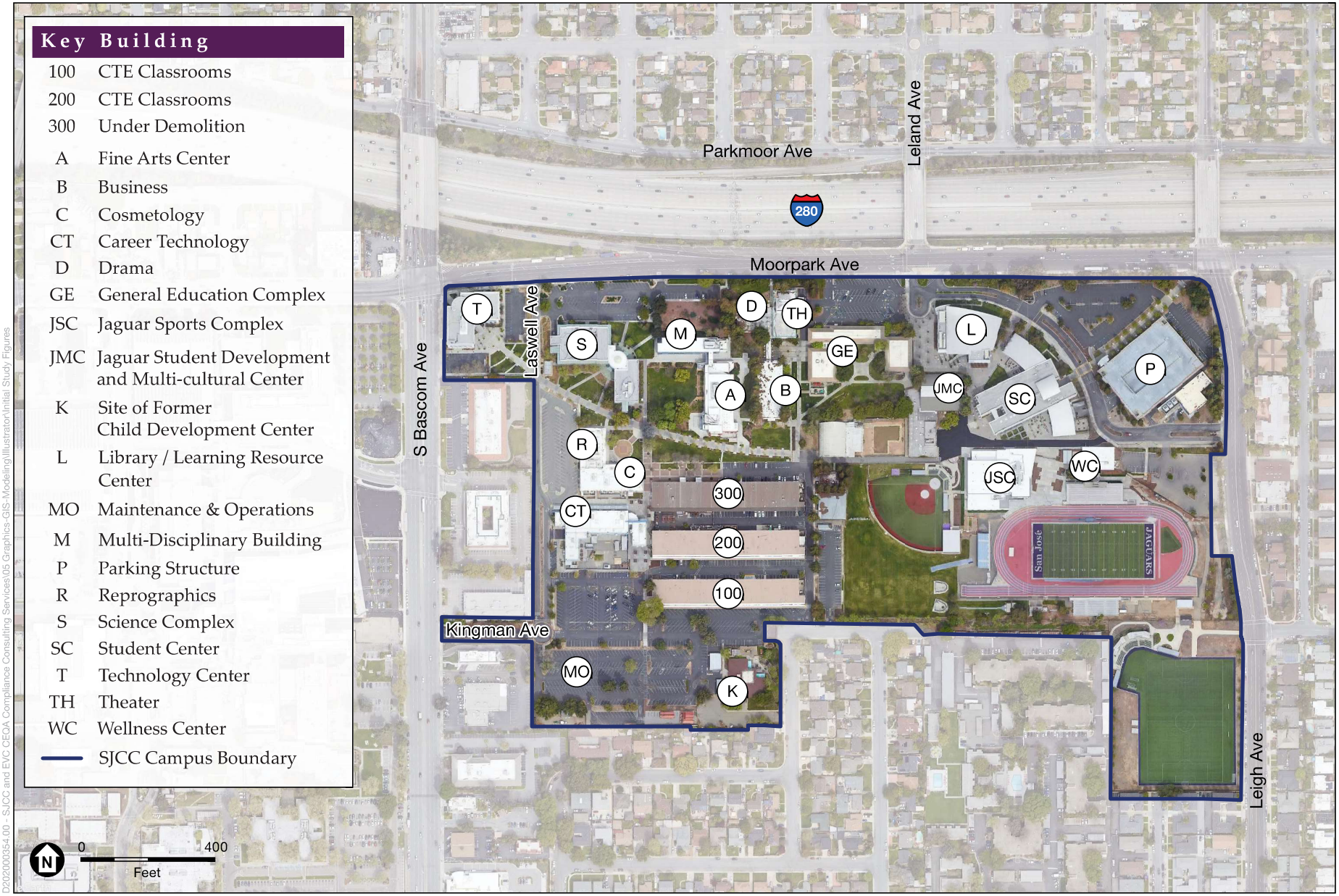


SOURCE: Esri, 2012; Santa Clara County, 2019; ESA, 2020

San José City College Facilities Master Plan - San José Evergreen Community College District - Initial Study

Figure 2
SJCC Campus and Surrounding Land Uses

ESA



SOURCE: San José Evergreen Community College District, FMP, 2019

San José City College Facilities Master Plan - San José Evergreen Community College District - Initial Study

Figure 3
Project Site - San José City College

ESA

D202000354.00 - SJCC and EVC CEQA Compliance Consulting Services\05 Graphics-GIS-Modeling\Illustrator\Initial Study Figures

Existing Vehicular Access, Circulation, Parking

Moorpark Avenue and South Bascom Avenue are major arterials that border the SJCC campus on the north and west, respectively. Leigh Avenue is a local connector. There is an interchange at South Bascom Avenue with I-280, extending west to the San Francisco Peninsula, and east to points in the East Bay.

The main entrance to the campus is from a signalized intersection at Leland Avenue and Moorpark Avenue, with a drop-off at the Cesar Chavez Library/Learning Resource Center (LRC). There are three secondary vehicular access points, one each from Moorpark Avenue (at Laswell Avenue), from South Bascom Avenue (at Kingman Avenue), and from Leigh Avenue. None of these access points are signalized. All three secondary entry points have immediate access to surface or structured parking lots.

Most parking is located on the perimeter of the campus and generally concentrated at the southwest and northeast ends of the campus. A parking structure is located in the northeasterly portion of the campus. There are currently 1,846 parking spaces serving the SJCC campus.

Project Components

Facility improvements contained in the SJCC FMP to meet the future program needs include demolition and removal of certain existing buildings on the campus; the construction of certain new buildings and the renovation of certain existing buildings and facilities; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements. A portion of these projects have been funded as part of the Measure X Capital Improvement Program. A description of each of these elements is provided below.

Building and Facilities Program

Descriptions of SJCC campus buildings proposed for demolition and removal, proposed new buildings, and buildings renovated and/repurposed are provided below. **Table 1** provides the scope of the building program under the SJCC FMP, including estimated square footage of the facilities to be demolished, constructed, or renovated.

TABLE 1
UPDATED FACILITIES MASTER PLAN BUILDING PROGRAM

Key	Facility	Physical Change Proposed	Existing Building Gross Square Feet (GSF)*	Proposed Building Gross Square Feet (GSF)	Net Change (GSF)
M+A	Multi-Disciplinary Arts Building	None	41,870	41,870	NA
S	Science Complex	None	52,209	52,209	NA
D+TH	Drama + Theater	None	30,403	56,033	25,630
L	Library	None	63,110	63,110	NA
JSC	Jaguar Sports Complex	None	39,304	39,304	NA
WC	Wellness Center	None	6,802	6,802	NA
CT	Career Technology	None	20,159	20,159	NA
100	Career Technology Education (CTE) 100 Building	None	36,996	36,996	NA
MO	Maintenance & Operations, and Reprographics (MO) Building	Assumed Constructed	15,000	15,000	NA
SC	Student Center	Partial Renovation (internal)	69,044	69,044	NA
T	Technology Center	Partial Renovation (internal	80,000	80,000	NA
R+C	Reprographics and Cosmetology	Partial Renovation (internal)	30,648	30,648	NA
JMC	Jaguar Student Development and Multi-cultural Center (formerly Jaguar Gym)	Renovation (internal)	27,863	35,363	+ 7,500
200	CTE 200 Building	Renovation (internal)	41,820	41,820	NA
CP	Central Plant	Renovation (internal expansion)	2,000	2,000	NA
CTE	Career Technology Education Building	New Building	NA	85,000	+ 85,000
CD	Child Development Center	New Building	NA	15,000	+ 15,000
GE	General Education / Business Complex	New Building	NA	104,000	+ 104,000
	Aquatic Center	New Facility	NA	11,000	+ 11,000
B	Business Building	Demolish	25,272	0	- 25,272
GE	General Education Buildings	Demolish	43,668	0	- 43,668
300	CTE 300 Building	Under Demolition	NA	NA	NA
Total			**626,168 GSF**	**805,358 GSF**	**+179,190 GSF**

NOTES:

* Gross square feet (GSF) comprises the building's total footprint.

Source: SJECCD, 2020

Buildings to be Demolished

The SJCC FMP and subsequent revisions identified four buildings for demolition and removal, to eliminate non-functioning space and replace the oldest and most aged facilities with new facilities: the Business Building (B), General Education Buildings (GE), Career Technology Education (CTE) 300 Building, and the former Child Development Center. Demolition of both the CTE 300 Building and the former Child Development Center were the subject of prior District approvals. The former Child Development Center has since been demolished, and the CTE 300 Building is in the process of being demolished as of the release of this Initial Study; accordingly, these activities are excluded from this analysis. The Business and General Education Buildings would be demolished to make way for the development of a new General Education/Business Complex; while the specific timing for demolition of these buildings are not yet defined, their removal are conservatively included within the scope of this analysis.

Proposed New Buildings

Maintenance, Operations, and Reprographics Building

The SJCC FMP proposes construction of a new two-story Maintenance and Operations, and Reprographics (MO) Building at the southwest corner of the campus, on the site of an existing surface parking lot. The proposed facility would provide a consolidated location for the school's maintenance and operations, include space vacated by the demolition of CTE Building 300, and allow for relocation of the existing reprographics facilities from space targeted for expansion of the Cosmetology program (described below). The MO building was the subject of a prior District approval, and its construction is currently under way; consequently, development of the MO Building is excluded from this analysis. The size of the proposed MO Building will be approximately 15,000 gross square feet (GSF).

New Career Technical Education Building

Under the SJCC FMP, the District intends to retain the current CTE 100 and 200 Buildings, but as indicated above, is currently demolishing the CTE 300 Building. The District proposes to construct a new CTE building that would connect to the CTE 200 Building. The new CTE building would be a four-story structure and would include space for shop and lab functions vacated by demolition of CTE Building 300 and for Emergency Medical Technician space relocated from the Technology Center. The estimated square footage of the new CTE building will be 85,000 GSF.

Child Development Center

The SJCC FMP proposes to construct a new Child Development Center (CD) to be located in the eastern portion of the South Parking Lot on the site of the former Child Development Center. The proposed new CD would be built in two phases: Phase 1 would include development of a permanent play yard for up to 100 children, short-term parking, parent access and site improvements, and portable structures to house classrooms and support spaces for up to 75 students. The estimated square footage for Phase 1 is 7,600 GSF. Phase 2 would include the construction of the new CD in the location of temporary parking, east of the play yard. The facility would house classrooms, observation areas, and operations space to support up to 100 children. Once constructed, the

existing portables at this location would be removed, allowing space for parking and site improvements to be made. The estimated square footage for the completed CD would be 15,000 GSF.

General Education/Business Complex

Based on projected growth in the number of classrooms, labs, and offices necessary to serve the SJCC General Education and Business programs, the SJCC FMP proposes construction of a new General Education/Business Complex that would comprise two three to four-story buildings. Demolition and removal of the existing General Education/Business Complex would create space for the development of a quad at the center of campus (described under *Open Space*, below). It would also improve circulation, allow for an expanded drop-off area at the Leland Avenue entry the SJCC campus, and the expansion and improvement of parking facilities with the continuation of the proposed perimeter loop, described below under *Vehicular Access, Circulation, and Parking Improvements*. The estimated combined estimated square footage for the new buildings associated with this complex would be approximately 104,000 GSF.

Aquatics Center

The SJCC FMP proposes a new Aquatics Center that would include a six-lane (minimum) competitive lap pool with a depth to support water polo and other aquatic-based sports. An Adaptive Physical Education (PE) pool with a depth greater than 1.5 meters would be connected to and in support of the competitive pool. The proposed Aquatics Center would also include support facilities, including lockers, showers, restrooms, office space, storage, and a pool equipment facility. The estimated square footage of the Aquatics Center support facilities is 11,000 GSF.

The proposed location of the Aquatics Center would be southwest of the existing Softball Field and east of the CTE 100 Building. However, an alternative location for the Aquatics Center would be east of the Wellness Center.

Renovated and Repurposed Buildings, and other Renovations

Reprographics and Cosmetology

The SJCC FMP includes partial renovation of the Reprographics and Cosmetology Building (RC Building). The SJCC FMP recommends that the reprographics facilities, currently residing in the RC Building be relocated to the proposed new MO Building (described above). The relocation of reprographics facilities to the MO Building would make space available for other uses in the RC Building, , including an opportunity to expand the SJCC Cosmetology program and introduce an Independent Esthetician program. A portion of the vacated space in the existing RC Building could also be repurposed to support Adaptive PE needs. The estimated square footage to be remodeled within the RC Building would be 5,643 assignable square feet (ASF), although the overall gross square feet of the RC Building would remain the same.

Technology Center Renovation

The proposed SJCC FMP would include renovation of the Technology Center interior. The SJCC FMP recommends the relocation of the SJCC Emergency Medical Services (EMS) program from the fifth floor of the existing Technology Center to the proposed Career Technical Education Building (described above). The effect of this relocation would allow for the expansion of space in the existing

Technology Center for the SJCC Dental Assistant and Medical Assisting programs. The estimated square footage for portion of the Technology Center building to be remodeled would be approximately 2,207 ASF. The overall square feet of the Technology Center building would not be changed under the proposed SJCC FMP.

Jaguar Student Development and Multi-Cultural Center

The SJCC FMP proposes the former gym at the center of campus be renovated and repurposed as a Student Development and Multi-Cultural Center, with lounge, recreation, and office/meeting space. The estimated square footage for the remodeled facility would be 35,363 GSF.

Theater Arts Building (New Drama Wing and Lobby)

The SJCC FMP recommends renovation of the existing Theater Arts Building to support current instructional needs. The adjacent instructional wing (West Wing) is in poor condition, and would be demolished and replaced with a larger structure serving an expanded instructional program, including new drama and dance labs, a black box theater, lecture hall, and offices. The SJCC FMP also proposes a lobby addition to the east side of the Theater Arts Building to provide a new lobby/entrance point off the proposed central quad described below under *Open Space*. The estimated square footage of the renovated and Theater Arts Building would be 56,033 GSF.

Central Plant Expansion

The SJCC FMP would include expansion of capacity in the Central Plant. In order for the chilled water systems to meet future anticipated load of buildout pursuant to the SJCC FMP, the SJECCD would add up to three 375-ton chillers to the Central Plant. The project also includes enhancement of the heating hot water system for the campus, with additional of one heat recovery chiller to the Central Plant. Other improvements in the Central Plant would include potential installation of earthquake valves and a gas sub meter. The existing Central Plan structure is of sufficient size to accommodate the proposed expansion of capacity, and consequently, no alteration to the building footprint is proposed.

Track and Field Replacement Project

As part of the Track & Field replacement project, SJCC will be widening the existing field to accommodate a full-size soccer pitch. Some track events will be relocated. This modification may require minor adjustments of the existing stadium lighting to ensure full coverage across the widened playing field; however, no new stadium lighting is proposed to be installed. The District would work with stadium lighting professionals as needed and incorporate appropriate design considerations and/or features to ensure any proposed adjustments to existing stadium lighting would not increase light spill or glare at off-site locations.

Vehicular Access, Circulation, and Parking Improvements

Vehicular Access

The SJCC FMP proposes improvement of existing SJCC vehicular access points and the addition of one new vehicular access point. The proposed access improvements and additions are described below.

Leigh Avenue at Moorpark Avenue

The SJCC FMP determined that reconfiguration of the primary entrance to the SJCC campus at Leigh Avenue, the Moorpark Avenue and Leland Avenue intersection, and the Leigh Avenue segment crossing I-280 between Moorpark Avenue and Parkmoor Avenue could improve access to and egress from the campus. Accordingly, the SJCC FMP proposes the reconfiguration of the entrance, roadway, and intersection to provide a three-way signalized intersection that would allow westbound traffic on Parkmoor Avenue to turn left onto Leigh Avenue and move directly into the SJCC campus. The reconfiguration would also allow traffic exiting the campus at this location to cross Moorpark Avenue and continue westbound on Parkmoor Avenue.

Additional Access Improvements

The SJCC FMP proposes that all new and existing vehicular access points to the campus, including the entrance at Laswell Avenue to parking on the north edge of campus, should be designed as vehicular gateways that would include a formalized hierarchy of appropriate signage and a unified identifiable landscape and entrance character.

Perimeter Loop

The SJCC FMP proposes the creation of an internal perimeter loop to improve service access and student vehicular movement between SJCC parking areas. Creation of the perimeter loop would include the following actions.

- Creation of the north segment of the perimeter loop by linking the existing parking lots along Moorpark Avenue.

- Creation of the south and east segments of the perimeter loop by opening and extending Kingman Avenue on campus east to Leigh Avenue, skirting the residential neighborhood to the south by utilizing the existing utility easement south of the SJCC football stadium. The SJCC FMP proposes that this segment include an on-campus link, parallel to Leigh Avenue, through the current parking area east of the football stadium to connect with the current Leigh Avenue entrance to the campus, and provide access to the central plant and surface and structured parking in the north east quadrant of the campus.

- Develop the west segment of the perimeter loop by converting portions of Laswell Avenue to pedestrian, service, and emergency access only. To eliminate pedestrian-vehicular conflict, the SJCC FMP proposes that Laswell Avenue should be blockaded at the Technology Center-Science Complex parking lots north of the primary east-west pedestrian walkway on the campus (referred to as the smile path) and at the limited parking area south of the smile path. The SJCC FMP proposes to improve the Laswell Avenue segment north of Kingman Avenue and south of the smile path to serve, in addition to service and emergency vehicle access, as a north-south pedestrian connection between student parking in the southwest quadrant and the core of the campus.

Student Drop-Offs

The SJCC FMP proposes the following additional and improved pedestrian drop-offs in the SJCC campus.

- New pedestrian drop-offs would be provided at the Laswell Avenue entrance to the SJCC campus north of the Science Complex; and at the east terminus of an improved pedestrian spine south of the Student Center and north of the Athletics/Wellness Center.

- The SJCC FMP also proposes creation of expanded pedestrian drop-off at the Leigh Avenue entrance to the SJCC campus. This drop-off would serve as a pedestrian gateway into campus, as well as drop-off for events in the Theatre and public access to the Library.

As with vehicular entries and pedestrian gateways, the pedestrian drop-offs would include a unified, identifiable landscaped entrance character.

Parking

The SJCC FMP proposes to increase the total number of parking spaces serving the campus from 1,846 parking spaces to 2,531 spaces by 2030. To meet projected parking demand, the SJCC FMP proposes the following parking facility additions and improvements.

- Reconfiguration of the existing south parking lot.

- Reconfiguration and expansion of the north parking lot on the north end of the proposed central quad (described below under *Open Space*). A portion of this lot would be designated for short-term visitor parking to facilitate access to administration and for new students familiarizing themselves with the campus.

Pedestrian Access and Circulation Improvements

Pedestrian access and circulation improvements proposed in the SJCC FMP are described below. The SJCC FMP proposes the creation of a series of north-south pedestrian walkways (or spines) linking student parking at the south edge of campus with the core of the campus and facilities on the north edge of the smile path. The proposed north-south pedestrian circulation improvements include the following.

- As described above under *Perimeter Loop*, develop the west segment of the perimeter loop by converting portions of Laswell Avenue to pedestrian, service, and emergency access only. To eliminate pedestrian-vehicular conflict, the SJCC FMP proposes that Laswell Avenue be blockaded at the Technology Center-Science Complex parking lots north of the pedestrian smile path and at the limited parking area south of the smile path. The SJCC FMP proposes to improve the Laswell Avenue segment north of Kingman Avenue and south of the smile path to serve, in addition to service and emergency vehicle access, as a north-south pedestrian connection between student parking in the southwest quadrant and the core of the campus.

- Creation of a new and improved spine along the western edge of the SJCC athletic fields to provide a connection between the surface and structured parking in the southern portion of the campus to the interior of the campus separate from the service vehicle access and yards required to service the existing and proposed CTE building.

Open Space

The SJCC FMP proposes development of a hierarchy of open spaces, ranging from large, active, formal and informal gathering spaces to smaller, intimate, and purpose-built spaces. Open space features proposed in the SJCC FMP are described below.

Central Quad

The proposed Central Quad is intended to serve as an active space at the heart of the SJCC campus for meeting, dining, study, and socialization. The Central Quad would serve as an exterior extension of activities and spaces housed in the proposed Jaguar Student Development and Multi-Cultural Center (described above under *Building Facilities Program*). Creation of the quad would require demolition and replacement of the General Education/Business Complex (described above under *Building Facilities Program*).

Pedestrian Nodes and Plazas

The SJCC FMP recommends creation of pedestrian nodes or plazas at the intersections of campus walkways and paths. These spaces are intended allow for the placement of campus maps to assist in wayfinding and, together with seating, opportunities for informal meeting and gathering.

Implementation and Phasing Schedule

The program of campus development under the SJCC FMP includes the following development sequence.

TABLE 2
SJCC FACILITIES MASTER PLAN IMPLEMENTATION AND PHASING SCHEDULE

Project	Action	Anticipated Construction Period
Student Center (SC)	Renovation	May 2021 – Aug 2021
Technology Center (T)	Renovation	Feb 2025 – Nov 2025
Reprographics and Cosmetology (RC)	Renovation	Jun 2024 – Dec 2024
CTE 200 Building (200)	Renovation	Jun 2021 – Jun 2023
Central Plant (CP)	Renovation	2021-2022
Career Technology Building (CTE)	New Construction	Jun 2022 – July 2024
Jaguar Student Center and Multicultural Center (JMC)	Renovation	2022 - 2024
Drama & Theater	Expansion	Anticipated after 2025
General Education/Business Complex	Demolition and New Construction	Anticipated after 2025
Aquatic Center	New Construction	Anticipated after 2025
Child Development Center (CD)	New Construction	Anticipated after 2025

Construction Activities

Site preparation for new facilities under the SJCC FMP would include the demolition of existing landscaped and paved areas, which would be cleared from the footprints of proposed new structures. Structures scheduled to be renovated would be subject to partial demolition in areas planned for renovation, which may include full demolition of section of those structures or internal demolition of existing features. Construction of proposed new structures would include site grading, excavation, pouring of foundations, and erection of structures. Pile-driving is not anticipated to be necessary for construction of building foundations.

Project Approvals and Entitlements

SJECCD

Adoption of the proposed project is anticipated to require, but may not be limited to, the following SJECCD actions:

- Certification of the Final EIR for compliance with the requirements of CEQA;
- Adoption of a Mitigation Monitoring and Reporting Plan (MMRP), which specifies the methods for monitoring mitigation measures required to eliminate or reduce the project's significant effects on the environment;
- Adoption of Findings of Fact, and for any impacts determined to be significant and unavoidable, a Statement of Overriding Considerations.

Environmental Factors Potentially Affected

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

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

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial study:

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

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

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

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

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

Terrance DeGray (Oct 27, 2020 20:20 PDT)

Signature — Date: 10/27/2020

Signature — Date

Environmental Checklist

Aesthetics

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS — Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d) Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	☐	☒	☐	☐

Environmental Setting

The SJCC campus is situated in the Santa Clara Valley approximately 10 miles from the southerly end of San Francisco Bay. The topography of the campus and surrounding area is flat, and there are no natural water bodies, creeks or riparian areas on the campus or in the immediate surrounding area. The campus is located in an urban setting and is surrounded by a variety of developed land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a SFFD fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280.

Existing campus buildings are mainly concentrated in the central, western, and northern parts of the campus. Sports facilities, such as the softball field and football and track stadium, are mainly located in the central and eastern portions of the campus. The multi-use athletic field is located in the southeastern portion of the campus, adjacent to Leigh Avenue. Older campus buildings are generally one to two stories high. The Theater building, Library, and Student Center, located in the northern portion of the campus, are the equivalent of three to four stories (30 to 40 feet) high, and the Technology Center at the northwest corner of the campus is five stories high. The existing buildings include a variety of shapes and scales and have been constructed with a variety of materials, including brick, stucco, wood, metal, and glass. The white Theater building and brown parabolic roof of the Men's Gym are visible from many parts of the campus and the surrounding streets.

Vegetation on the campus consists of small landscaped areas outside the campus buildings, turf grass in the sports fields on the east side of the campus, and other landscaping throughout the campus. Ornamental trees are located throughout the campus, including in areas along Kingman Avenue, at the corner of Moorpark Avenue and Leigh Avenue, bordering campus parking lots,

along pedestrian paths, and near a number of campus buildings. Several hundred trees are located on the campus, with the most prevalent tree species being coast redwood. There may be a few coast live oaks that have arisen naturally on campus, however, a majority of the trees on the campus were planted for landscaping and are not indigenous to the site (see Section IV, Biological Resources, for additional detail).

Existing nighttime lighting at SJCC is located throughout the campus for security and wayfinding, including along pedestrian walkways, in parking lots, and outside of the campus buildings. The football field contains spectator lighting, which is lit on game nights. The tennis courts, soccer field, and multi-use athletic field at the southern end of the campus are not lit at night. Most of the outdoor lights on the campus consist of high-pressure sodium vapor lights. Some lights, such as the lights over the football/track field, are metal halide lights.

There are currently no substantial sources of glare on the campus that are visible from the surrounding areas. As discussed above, campus buildings are relatively low scale in height. The buildings do not have extensive areas of highly reflective windows, and most are partially screened by trees and vegetation. Parking areas located in the interior of the campus, along the north and west side of the campus, or indoors are only partially visible from surrounding areas, and the parking lots located on the south and east sides of the campus near adjacent residential areas are largely screened by trees.

Discussion

a) **No Impact.** A scenic vista is generally defined as an expansive view of highly valued landscape as observable from a publicly accessible vantage point. There are no scenic vistas that include the campus as a major part of the view. In addition, the campus and surrounding area are characterized by flat topography and do not contain any ridgelines or other topographic forms that would be affected by campus development or that provide views of the campus and its surroundings. Ground-level views into the campus from surrounding areas are limited by buildings and trees on the campus, and views of the surrounding areas are also limited by flat topography and extensive urban development. Thus, there are thus no scenic vistas in the campus area. Based on these factors, development proposed under the SJCC FMP would have no impact with regard to this criterion.

b) **No Impact.** There are no state-designated scenic highways in the vicinity of the campus (Caltrans 2017). Therefore, changes on the campus as a result of implementing the SJCC FMP would not affect visual resources associated with any State-designated or local scenic highway. There would be no impact with regard to this criterion.

c) **Less than Significant Impact.** Buildout of the proposed project would include the construction of new buildings and the repurposing of existing buildings; improvements to vehicular and pedestrian access and circulation systems; improvements to parking facilities; and open space improvements. As a result, buildout of the proposed project would incrementally alter the existing visual character of the campus.

The SJCC campus qualifies as an "urban area" as defined in CEQA Guidelines section 21094.5 because it is located in an incorporated city. Therefore, the SJCC FMP would have an adverse effect related to scenic quality if it were to conflict with applicable regulations governing scenic quality. The District has land use jurisdiction over programs and projects proposed on the SJCC campus. There are no District regulations governing scenic quality with which development under the SJCC FMP would be in conflict. Furthermore, while the District is not subject to local land use regulations, the development proposed under the SJCC FMP would be generally consistent with City of San Jose land use designations for the campus. As demonstrated further in Section XI, Land Use and Planning, below, the SJCC FMP would not conflict with any local or regional plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Consequently, the effect of the SJCC FMP on scenic quality would be less than significant. For informational purposes, additional discussion is provided immediately below regarding the effects of the SJCC FMP on visual character and quality. The specific designs of most of the new buildings that would be constructed on the campus under the SJCC FMP are not known at this time, and the evaluation of impacts is based mainly on the general building mass, height, and location. The mass and height of the proposed buildings would be similar to existing buildings on the campus. A majority of the new buildings would be constructed within or adjacent to the existing core of the campus, and in some cases would replace existing buildings. As a result, the type and scale of development on the campus at buildout of the proposed SJCC FMP would generally be similar to existing conditions. Proposed new buildings would not be substantially different from the existing buildings and would be designed to coordinate with them in exterior appearance, height, and mass. Views of the campus from both on-campus and off-campus viewpoints with the addition of the proposed new buildings would not be substantially different from existing views.

In addition, the proposed SJCC FMP includes several elements that would improve the visual character of the campus, including the development of a hierarchy of open spaces, ranging from large, active, formal and informal gathering spaces to smaller, intimate, and purpose-built spaces. The proposed SJCC FMP would also include creation of pedestrian nodes or plazas at the intersections of campus walkways and paths, which would have a positive effect on the visual character of the campus.

Based on these factors, the proposed building and facilities program under the proposed project would not substantially degrade the existing visual character or quality of public views of the SJCC campus and its surroundings. Where feasible, existing trees would be preserved on the campus and trees lost to development would be replaced by new trees.

d) **Less than Significant with Mitigation Incorporated.** The proposed SJCC FMP would shift some light sources and could increase nighttime lighting in portions of the campus, due to the presence of new campus buildings and parking. New light sources would be introduced with development of the proposed Career Technical Education building and the proposed Child Development Center. Any new lighting associated with this proposed development would be expected to be of a similar nature and scale as other existing night

lighting at the campus, and compatible with the surrounding area. However, in the absence of actual lighting plans for these projects at this time, new nighttime lighting could potentially adversely affect residential neighborhoods in the project vicinity, if appropriate design measures were not incorporated. Implementation of **Mitigation Measure AES-1** would require that all new exterior lighting for future projects on the SJCC campus shall incorporate downward-directed lighting or cutoff-type lighting, and/or other design measures as appropriate in order to minimize light spill and nighttime glare and would ensure the impact would be less than significant.

In addition, as discussed in the Project Description, SJCC may also potentially widen the football stadium to accommodate a full-sized soccer field. This modification may require minor adjustments of the existing stadium lighting to ensure full coverage across the widened playing field; however, no new stadium lighting is proposed to be installed. The District proposes to work with stadium lighting professionals as needed, to review any potential adjustments to existing stadium lighting that may be required, and incorporate appropriate recommendations and/or design features to ensure these improvements would not increase light spill or glare at off-site locations. While no significant off-site lighting effects are anticipated with this improvement, the District's proposed approach for lighting review and modifications at the stadium is also conservatively incorporated into Mitigation Measure AES-1.

Mitigation Measures

Mitigation Measure AES-1: Minimize Spillover Light and Nighttime Glare. All new exterior lighting for future projects on the SJCC campus shall incorporate downward-directed lighting or cutoff-type lighting, and/or other design measures as appropriate, in order to minimize light spill and nighttime glare. The District also proposes to work with stadium lighting professionals as needed, to review any potential adjustments to existing stadium lighting that may be required, and incorporate appropriate recommendations and/or design features to ensure these improvements would not increase light spill or glare at off-site locations.

References

California Department of Transportation (Caltrans), 2017. California Scenic Highway Program. Available: http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/. Accessed August 25, 2020.

Agriculture and Forestry Resources

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

Environmental Setting

Santa Clara County has approximately 27,000 acres of agricultural land, with nearly half of the County's land being rangeland and productive farmland (SCVOSA, 2014). The project area is located within the City of San José, its entirety designated as urban service area (County of Santa Clara, 1994).

Discussion

a-e) **No Impact.** The project area is located within the City of San José in a highly urbanized area. The Envision San José 2040 General Plan designates the SJCC campus as Public/Quasi-Public land, which is a category for public land uses including schools and colleges) and some private land uses (including private schools) (City of San José, 2020). The California Department of Conservation (DOC) administers the Farmland Mapping and Monitoring Program (FMMP), a statewide agricultural land inventory. The entire SJCC campus is designated as Urban and Built-Up Land and Other Land by the DOC under the FMMP. As such, none of the campus is used for agricultural purposes, or is considered Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as designated by the FMMP (DOC, 2016).

The Williamson Act, also referred as the California Land Conservation Act of 1965, enables local governments to enter into contracts with private landowners for the purpose of restricting specific parcels of land to agricultural or related open space use. There is currently no Williamson Act contract applicable to the project site or SJCC campus. Accordingly, implementation of the proposed SJCC FMP would not result in any change in land use that could convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance, or Williamson Act Lands to non-agricultural use. There are no agricultural uses within or adjacent to the SJCC campus.

Forest land is defined as native tree cover at a density of greater than 10 percent, which allows for management of timber, aesthetics, fish and wildlife, recreation, and other public benefits. None of the project area is zoned as forest land, timberland, or Timberland Production, and no such uses exist in the project site or in the vicinity of the SJCC campus. Therefore, no impacts would occur to agriculture and forestry resources.

References

California Department of Conservation (DOC); Farmland Mapping and Monitoring Program (FMMP), 2016. "California Important Farmland Finder." Available: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed August 28, 2020.

City of San José. 2020. Envision San José 2040 General Plan. https://www.sanjoseca.gov/home/showdocument?id=22359. Accessed August 20, 2020.

County of Santa Clara. 1994. Santa Clara County General Plan. https://www.sccgov.org/sites/dpd/DocsForms/Documents/GP_Book_A.pdf. Accessed August 20, 2020.

Santa Clara Valley Open Space Authority (SCVOA). 2014. The Santa Clara Valley Greenprint: A Guide for Protecting Open Space and Livable Communities. https://www.openspaceauthority.org/system/documents/Santa%20Clara%20Valley%20Greenprint%20Report.pdf. Accessed August 20, 2020.

Air Quality

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III. 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:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☒	☐	☐	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☐	☒

Discussion

a) **Potentially Significant Impact.** The most recent clean air plan is the Bay Area 2017 Clean Air Plan that was adopted by the Bay Area Air Quality Management District (BAAQMD) in April 2017. Consistency with this plan is the basis for determining whether development under the proposed SJCC FMP would conflict with or obstruct implementation of air quality plans. Development under the proposed SJCC FMP would increase both stationary and mobile sources of air emissions, which contribute to regional air pollution. Air pollutant emissions also could occur over the short term in association with construction activities that emit exhaust and dust that could affect local and regional air quality. The SJCC FMP EIR will include an evaluation of the potential for the proposed project to conflict with the local clean air plan.

b) **Potentially Significant Impact.** Construction and operation of development projects under the proposed SJCC FMP would generate air pollutants that could be considerable in a regional, cumulative context. The SJCC FMP EIR will include an evaluation of the air quality impacts that could result from pollutant emissions related to implementation of the SJCC FMP for which the air basin is in nonattainment of the ambient air quality standards.

c, e) **Potentially Significant Impact.** Construction and operation of development under the proposed SJCC FMP could expose sensitive receptors on the campus site and in adjacent residential neighborhoods to substantial pollutant concentrations (including toxic air contaminants). The SJCC FMP EIR will include an evaluation of the air quality impacts related to exposure of sensitive receptors to pollutant concentrations.

d) **No Impact.** The proposed SJCC FMP would not include development of land uses identified by BAAQMD as typically associated with odors, such as wastewater treatment plants, landfills, composting facilities, refineries, or chemical plants (BAAQMD, 2017).

As the proposed SJCC FMP would not result in development that would be a potential source of odors, this topic will not be evaluated further in the SJCC FMP EIR.

References

Bay Area Air Quality Management District (BAAQMD). 2017. *California Environmental Quality Act Air Quality Guidelines*. May.

Biological Resources

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

Introduction

This section describes the existing conditions for biological resources present within the SJCC campus ("project") site and surrounding area. The term "study area" is used to identify the area investigated in the reconnaissance-level biological survey and encapsulates adjacent areas to the project site that could be indirectly impacted by project activities. The study area includes the project site, plus a 75-foot buffer. The resources described include existing habitat conditions and special-status plants and wildlife (federally- or State-listed as endangered, threatened, proposed, and candidate species, and state or local species of concern).

The information on biological resources is based on a review of pertinent literature and database queries as well as a reconnaissance survey conducted by ESA staff on July 17, 2020, to characterize existing conditions, assess habitat quality, and assess the potential presence of special-status species and sensitive natural communities. The sources of reference data reviewed for this evaluation included the following:

- U.S. Fish and Wildlife Service (USFWS) list of Federal Endangered and Threatened Species that may occur in the proposed project area, and/or may be affected by the proposed project (USFWS 2020a);

- The California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB) list of special-status species occurrences within the proposed project area and within the San José West USGS 7.5-minute topographic quadrangles (CDFW 2020a);
- California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants (v8-03) known to occur within the San José West USGS 7.5-minute topographic quadrangles (CNPS 2020);
- USFWS Critical Habitat for Threatened and Endangered Species (USFWS 2020b);
- Special Vascular Plants, Bryophytes, and Lichens List (CDFW 2020a);
- Special Animals List (CDFW 2019); and
- San José Community College 2025 Updated Facilities Master Plan Final Environmental Impact Report (San José Evergreen Community College District 2013).

Existing Habitat

The SJCC campus is located in an urban, densely developed area and is surrounded by commercial and residential development. The campus consists of buildings, paved parking lots and walking areas, turf grass sports fields, and landscaped areas. There are no natural habitats on or adjacent to the campus. Landscape trees are found throughout the campus and include species such as coast redwood (*Sequoia sempervirens*), sweetgum (*Liquidambar styraciflua*), silver dollar (*Eucalyptus polyanthemos*), Chinese pistache (*Pistacia chinensis*), Canary Island pine (*Pinus canariensis*), London plane (*Platanus × acerifolia*), coast live oak (*Quercus agrifolia*), cork oak (*Quercus suber*), mayten (*Maytenus boaria*), and southern magnolia (*Magnolia grandiflora*).

Special-Status Species

Special-status species are regulated under the State and federal Endangered Species Acts or other regulations, or are species that are considered sufficiently rare by the scientific community to qualify for such listing. These species are in the following categories:

1. Species listed or proposed for listing as threatened or endangered under the federal Endangered Species Act (FESA) (50 Code of Federal regulations [CFR] 17.12 [listed plants], 17.11 [listed animals] and various notices in the Federal Register [FR] [proposed species]);
2. Species that are candidates for possible future listing as threatened or endangered under FESA (61 FR 40, February 28, 1996);
3. Species listed or proposed for listing by the State of California as threatened or endangered under the California Endangered Species Act (CESA) (14 California Code of Regulations [CCR] 670.5);
4. Plants listed as rare or endangered under the California Native Plant Protection Act (NPPA) (California Fish and Game Code, Section 1900 et seq.);
5. Animal species of special concern to CDFW;
6. Animals fully protected under Fish and Game Code (California Fish and Game Code, Sections 3511 [birds], 4700 [mammals], and 5050 [reptiles and amphibians]);

7. Species that meet the definitions of rare and endangered under CEQA. CEQA Guidelines Section 15380 provides that a plant or animal species may be treated as "rare or endangered" even if not on one of the official lists; and

8. Plants considered under the CDFW and CNPS to be "rare, threatened or endangered in California" (California Rare Plant Rank [CRPR] 1A, 1B, and 2) as well as CRPR Rank 3 and 4 plant species. [1]

Conclusions regarding habitat suitability and species occurrence are based on the analysis of existing literature and databases described above, known habitats occurring within the project site and regionally, and observations made during the reconnaissance survey. The results of database searches from USFWS, CNDDB, and CNPS (**Appendix A**), combined with knowledge of the habitat present in the study area and the habitat requirements of special-status species, formed the basis for analysis of special-status species with the potential to occur in the study area (refer to **Table 3**). Species that are not expected to occur because of the absence of suitable habitat, or because the project area is outside of the species' known range, were excluded from the table.

No special-status plant species were determined to have a moderate or high potential to occur in the study area. Wildlife species with a moderate or high potential for occurrence are discussed below. While not expected to occur within the study area, Bay checkerspot butterfly (*Euphydryas editha bayensis*) is also discussed, as the project is located within the boundaries of the Santa Clara Valley Habitat Conservation Plan (HCP/NCCP), which covers this species.

Special-Status Birds

Two special-status raptors have the potential to nest within trees and buildings located within the study area. American peregrine falcon (*Falco peregrinus anatum*) is a State Fully Protected species and a federal Bird of Conservation Concern. This species is known to nest in tall buildings in urban locations, including the nearby San José City Hall building, where peregrine falcons have nested since 2007. Cooper's hawk (*Accipiter cooperii*) is included on the California Department of Fish and Wildlife's Special Animals List as a "watch list" species. This species mainly preys on birds and is typically found in woodlands and forests, but is also commonly found in suburban areas. Cooper's hawks nest in a variety of trees including but not limited to pines, oaks, beeches, and spruces. Trees and buildings within the SJCC campus provide potential nesting habitat for these species.

[1] CRPR 3 and 4 plants may be analyzed under CEQA, pursuant to Section 15380 of the CEQA Guidelines, if sufficient information is available to assess potential impacts to such plants. Factors such as regional rarity vs. statewide rarity should be considered in determining whether cumulative impacts to a CRPR 3 or 4 plant are significant even if individual project impacts are not. CRPR 3 and 4 plants may be considered regionally significant if, for example, the occurrence is located at the periphery of the species' range, or exhibits unusual morphology, or occurs in an unusual habitat/substrate. For these reasons, CRPR 3 and 4 plants should be included in the special-status species analysis. CRPR 3 and 4 plants are also included in the CNDDB Special Plants, Bryophytes, and Lichens List. [Refer to the current online published list available at: http://www.dfg.ca.gov/biogeodata.]

TABLE 3
SPECIAL-STATUS SPECIES WITH POTENTIAL TO OCCUR WITHIN THE STUDY AREA

Common Name *Scientific Name*	Status	General Habitat Requirements	Potential for Species Occurrence
Invertebrates			
Bay checkerspot butterfly *Euphydryas editha bayensis*	FT/—/XSIC: CI	Found in areas with shallow, serpentine-derived soil. The primary larvae host plant is dwarf plantain (*Plantago erecta*). Larvae feed on purple owl's clover (*Castilleja densiflora or C. exserta*) when dwarf plantain is not available or has dried up. Adults rely on nectar from these host plants.	**Unlikely.** The study area lacks suitable serpentine soil habitat and associated host plants.
Birds			
Cooper's hawk *Accipiter cooperii*	—/WL/—	Nests in riparian areas and oak woodlands, and hunts songbirds at woodland edges. Increasingly found nesting in neighborhood street trees.	**Moderate.** Suitable habitat in trees planted within SJCC campus. CNDDB record from 2003 of nesting Cooper's hawk pair in trees approximately 0.9 mile south of campus.
Peregrine falcon (nesting) *Falco peregrinus*	FDL/SDL;FP/—	Breeds near water at varied nest sites, including natural cliff ledges and potholes, tall metropolitan buildings and bridges, and former nests of common raven and osprey on electric transmission towers and boat navigation channel markers (towers).	**Moderate.** Active nest site at San José City Hall building approximately 2.5 miles from project since 2007. Likely to forage in study area.
Mammals			
Pallid bat *Antrozous pallidus*	—/SSC/WBWG: High	A wide variety of habitats is occupied, including grasslands, shrublands, woodlands, and forests from sea level up through mixed conifer forests. The species is most common in open, dry habitats with rocky areas for roosting. Roosts in buildings, caves, tree hollows, crevices, mines, and bridges. Sensitive to human disturbance.	**Low.** Buildings on campus provide potential roosting habitat. However, the species has been extirpated from the valley floor.[2] One CNDDB record from 1943 for non-specific location in the vicinity of San José.
Townsend's big-eared bat *Corynorhinus townsendii*	—/SSC/WBWG: High	Roosts in caves, mines, hollow trees, and tunnels with minimal disturbance, but can also be found in abandoned open buildings or other human-made structures. Found in all habitats except subalpine and alpine habitats, and may be found at any season throughout its range. Very sensitive to human disturbance.	**Low.** Study area lacks favorable foraging and roosting habitat. One CNDDB record from 1943 for non-specific location in the vicinity of San José.
Hoary bat *Lasiurus cinereus*	—/*/WBWG: Medium	Solitary rooster in tree foliage. Habitats include woodlands, forests, and riparian habitats with dense foliage. Winters along the coast and in Southern California, but is not known to breed on the valley floor. During migration can be found throughout California.	**Low.** Study area lacks favorable foraging and roosting habitat. One CNDDB occurrence from 1990 recorded at the Interstate 280/State Route 87 (Guadalupe Freeway) interchange, and one CNDDB record from 1893 for a non-specific location in Santa Clara.
Yuma myotis *yumanensis*	—/*/WBWG: Low-Medium	Occupies wide variety of habitats below 8,000-foot elevation. Optimal habitats are open forests and woodlands with sources of water over which to feed. Cluster in groups of up to thousands in maternity colonies; adult males typically solitary; roost in crevices on buildings, under bridges, and trees; also in caves and mines. Common and widespread in California.	**Low.** Buildings on campus provide potential roosting habitat, however project site lacks favorable foraging habitat. Closest suitable habitat present 0.6 miles south of project site in riparian woodland surrounding Los Gatos Creek.

[2] Johnston, Dave, Wildlife Ecologist and Bat Biologist, H. T. Harvey & Associates, personal communication, March 10, 2020.

TABLE 3
SPECIAL-STATUS SPECIES WITH POTENTIAL TO OCCUR WITHIN THE STUDY AREA

NOTES:
CNDDB = California Natural Diversity Database

KEY:
STATUS: Federal/State/Other (CNPS CRPR, Western Bat Working Group, Xerces Society for Invertebrate Conservation)

Federal (U.S. Fish and Wildlife Service)

FDL = delisted
FE = listed as endangered (in danger of extinction) by the federal government
FT = listed as threatened (likely to become endangered within the foreseeable future) by the federal government
FC = candidate to become a *proposed* species
BGEPA = Bald and Golden Eagle Protection Act
MMPA = Marine Mammal Protection Act

State (CDFW)

SE = listed as endangered by the State of California
ST = listed as threatened by the State of California
SC = state candidate for listing
* = Special Animals List

SSC = California Species of Special Concern
FP = state fully protected
SDL = delisted
SR = state rare (plants)

Other

Western Bat Working Group (WBWG)
Low = Stable population
Medium = Need more information about the species, possible threats, and protective actions to implement
High = Imperiled or at high risk of imperilment
SOURCE: Data compiled by Environmental Science Associates in 2020

Xerces Society for Invertebrate Conservation (XSIC)
CI = Critically imperiled
IM = Imperiled
VU = Vulnerable
DD = Data Deficit

International Union for Conservation of Nature (IUCN) Red List
LC = Least concern
NT = Near threatened
VU = Vulnerable
EN = Endangered
CR = Critically endangered

Other Breeding and Migratory Birds

Trees within the study area offer foraging and nesting opportunity to a variety of resident and migratory birds. Species that could nest in the area include, but are not limited to, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), house finch (*Haemorhous mexicanus*), and American crow (*Corvus brachyrhynchos*), among many others. The federal Migratory Bird Treaty Act (MBTA) and California Fish and Game Code protect raptors, most native migratory birds, and breeding birds that could occur on the project site and/or nest in the surrounding vicinity.

Bay Checkerspot Butterfly

Bay checkerspot butterfly is a federally Threatened species of butterfly that was historically found along the spine of the San Francisco Peninsula, from Twin Peaks to southern Santa Clara County and in a few pockets in Alameda and Contra Costa counties. Typical habitat for this species is found on shallow, serpentine-derived or similar soils, which support the larval host plants dwarf plantain (*Plantago erecta*) and purple owl's clover (*Castilleja densiflora or C. exserta*). The nearest CNDDB record for this species is approximately 6.7 miles southeast of the SJCC campus (CNDDB Occurrence No. 13). No suitable habitat for this species is present on the campus due to the absence of the necessary soil and vegetation conditions, which was confirmed during the reconnaissance survey for areas within the study area. However, increased emissions of nitrogen from an increase in vehicle trips associated with the SJCC campus could result in potential impacts to Bay checkerspot butterfly habitat. These impacts are discussed in section f), below.

Discussion

a) **Less than Significant with Mitigation Incorporated.** The CNDDB and USFWS document a total of 24 special-status wildlife species in the San José West 7.5-minute quadrangles, and the CNDDB, USFWS, and CNPS document a total of 5 plant species in these quadrangles (**Appendix B)**. The following discussion analyzes potential significant impacts to species that have a moderate or high likelihood to occur in the study area. Suitable habitat for other special-status plant and wildlife species known from the project region (e.g., burrowing owl (*Athene cunicularia*), California tiger salamander (*Ambystoma californiense*)), was determined to be absent.

Special Status and Other Nesting Birds

Trees located in the study area could provide nesting habitat for special-status raptors including Cooper's hawk, as well as other native migratory birds. Existing buildings within the study area provide potential nesting habitat for American peregrine falcon. Construction related activities could indirectly impact these species during nesting by creating enough disturbance to result in the loss of nests, eggs, or nestlings, or by causing nest abandonment, which would be a significant impact.

Implementation of **BIO-1: Avoidance and Minimization Measures for Nesting Birds** would reduce impacts to **less than significant** by conducting a pre-construction surveys during the nesting season and placing no-work buffers around any active nests. This

measure applies to all nesting birds protected by the federal MBTA and Section 3503 of the California Fish and Game Code.

b) **No Impact**. The SJCC campus is not located within designated critical habitat. The proposed development under the SJCC FMP is located within developed areas on campus that do not contain riparian habitat or any sensitive natural communities. As such, implementation of the SJCC FMP would not result in any impacts to sensitive habitats.

c) **No Impact**. The reconnaissance survey conducted by ESA confirmed that are no potentially jurisdictional wetlands or waters present within the study area. Implementation of the SJCC FMP would not result in any adverse impacts to State or federally protected wetlands.

d) **Less than Significant with Mitigation Incorporated**. The areas proposed for development under the SJCC FMP within the existing SJCC campus provide no corridors for movement of wildlife species. Therefore, the SJCC FMP would have no impact to wildlife movement corridors. Trees within the study area provide stopover and nesting habitat for migratory birds. Implementation of **Mitigation Measure BIO-1**, described above, would address potential impacts of the SJCC FMP to nesting birds and reduce impacts to **less than significant**.

e) **No Impact.** Construction of facilities within the SJCC campus may result in the removal of some trees. Implementation of the project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation or policy or ordinance. The City of San José tree ordinance requires a permit for removal of any trees on private property that have a trunk circumference of 56 inches or more, measured 2 feet above grade. The SJECCD is exempted by the state constitution from compliance with local land use regulations and ordinances. As such, there would be no impact with respect to this criterion.

f) **Less than Significant with Mitigation Incorporated.** The Santa Clara Valley Habitat Conservation Plan/Natural Community Conservation Plan (HCP/NCCP) is a regional partnership between six local partners (the County of Santa Clara, Santa Clara Valley Transportation Authority, Santa Clara Valley Water District, and the Cities of San José, Gilroy, and Morgan Hill) and two Wildlife Agencies (the CDFW and USFWS). The HCP/NCCP provides a framework for promoting the protection and recovery of natural resources, including endangered species, while streamlining the permitting process for planned development, infrastructure, and maintenance activities. The HCP/NCCP will allow the signatories to receive endangered-species permits for activities and projects they conduct and those under their jurisdiction.

The SJCC campus is located within the HCP/NCCP area. However, as project activities under the SJCC FMP would occur on developed areas within the SJCC campus, it would not result in any impacts to natural land cover types as described in the HCP/NCCP. The HCP/NCCP analyzed impacts to bay checkerspot butterfly and found that increased emissions of nitrogen from vehicles trips associated with new development in the Santa

Clara Valley pose a threat to bay checkerspot butterfly habitat. As the SJCC FMP is expected to generate additional daily vehicle trips, thus contributing to an overall increase in nitrogen emissions, impacts to bay checkerspot butterfly are cumulatively considerable.

The HCP/NCCP identifies a one-time mitigation payment of $5.31 for each new vehicle trip generated by new development to mitigate for indirect impacts resulting in increases in airborne nitrogen deposition. Implementation of **BIO-2: Mitigation for Nitrogen Deposition** would reduce impacts of the SJCC FMP to **less than significant** by payment of HCP/NCCP nitrogen deposition fees.

Mitigation Measures

Mitigation Measure BIO-1 Avoidance and Minimization Measures for Nesting Birds

- No preconstruction surveys or avoidance measures are required for construction activities that would be completed entirely during the non-nesting season (September 1 to January 31).
- For all construction activities scheduled to occur during the nesting season (February 1 to August 31), a qualified biologist (i.e., experienced with the nesting behavior of bird species of the region) shall conduct a preconstruction avian nesting survey no more than 14 days prior to the start of staging, site clearing, and/or ground disturbance.
- If there is a break of 14 days or more in construction activities during the breeding season, a new nesting bird survey shall be conducted before reinitiating construction.
- The surveying biologist shall be capable of determining the species and nesting stage without causing intrusive disturbance. The surveys shall cover all potential nesting sites within 500 feet of the project area for raptors and within 300 feet for other birds.

If active nests are found in the proposed project area or vicinity, a no-disturbance buffer shall be created around the active nests, as determined by a qualified biologist. The buffer distance can be reduced in coordination with CDFW if construction activities would not cause an adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young. If the nest(s) are found in an area where ground disturbance is scheduled to occur, ground disturbance shall be delayed until after the birds have fledged.

If work must occur within the established buffers, nests shall be continuously surveyed for the first 24 hours prior to any construction related activities to establish a behavioral baseline and, once work commences, all nests shall be continuously monitored to detect any behavioral changes as a result of the project, if feasible. If behavioral changes are observed, work causing the change shall cease and CDFW shall be consulted for additional avoidance and minimization measures. The avoidance and minimization measures shall ensure that the construction activities do not cause the adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young.

Mitigation Measure BIO-2 Mitigation for Nitrogen Deposition

The SJECCD shall provide a one-time payment of $5.31 per new vehicle trip associated with implementation of the project to the Santa Clara Valley Habitat Agency for use in acquiring and managing land consistent with the adopted Santa Clara Valley HCP/NCCP.

References

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Cultural Resources

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES — Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☒	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☒	☐	☐

Discussion

a) **Potentially Significant Impact.** CEQA Guidelines Section 15064.5 requires the lead agency to consider the effects of a project on historical resources. An historical resource is defined as any building, structure, site, or object listed in or determined to be eligible for listing in the California Register, or determined by a lead agency to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, or cultural annals of California. The proposed project would include alterations to historic age structures, which may be considered of sufficient historic quality that the alterations could be a potentially significant impact. For this reason, this impact will be studied in the EIR.

b) **Less than Significant with Mitigation Incorporated.** This section discusses archaeological resources, both as historical resources according to CEQA Guidelines Section 15064.5, as well as unique archaeological resources, as defined in PRC Section 21083.2(g). A significant impact would occur if the project would cause a substantial adverse change to an archaeological resource through physical demolition, destruction, relocation, or alteration of the resource.

ESA received the results of a records search at the Northwest Information Center (NWIC) of the California Historical Resources Information System on July 27, 2020 (File No. 20-0118). The review included the SJCC campus and a 0.5-mile radius. Previous surveys, studies, and site records were accessed. Records were also reviewed in the Built Environment Resources Directory for Santa Clara County, which contains information on places of recognized historical significance including those evaluated for listing in the *National Register of Historic Places*, the *California Register of Historical Resources*, the *California Inventory of Historical Resources*, *California Historical Landmarks*, and *California Points of Historical Interest*. The purpose of the records search was to (1) determine whether known cultural resources have been recorded within the project vicinity; (2) assess the likelihood for unrecorded cultural resources to be present based on historical references and the distribution of nearby sites; and (3) develop a context for the identification and preliminary evaluation of cultural resources.

Results of the records search indicate that no archaeological resources have been previously recorded on the SJCC campus. Two resources (P-43-002277 and P-43-002692) with an archaeological component have been recorded within 0.5-mile of the SJCC campus.

P-43-002277 is a concentration of bricks and other historic-era materials identified in a trench during geoarchaeological investigations (Wiberg, 2008). The materials were identified 80-90 cm below the surface and most likely date to the mid-20th century. P-43-002692 is a historic-era cemetery associated with Santa Clara Valley Medical Center, which was previously known as the Santa Clara County Infirmary. The cemetery was in use between ca. 1890 and ca. 1930 and was largely abandoned and forgotten after this time. Archaeological excavation of the cemetery has identified the remains of over 100 individuals and associated grave goods (Beck, 2012; Beck, 2015).

Five archaeological resource reports include portions of the SJCC campus (Archaeological Resource Management, 1999; Cartier, 1977; Supernowicz, 2011; URS, 2015; Wills, 2010). Many other cultural resources studies have been completed within 0.5-mile of the SJCC campus (Banet et al., 1990; Busby, 2003; Cartier, 1981; Cartier 1987; Cartier 1990; Chavez and Hupman, 1990; Hill, 1999; Hill, 2009; Hill et al., 1999; Losee, 2006; Nelson el al., 2000; Oetting, 1981; Wiberg and Meyer, 2009; Wire, 1981). These studies include record searches, surveys, excavation reports, and technical studies to support CEQA documentation.

On July 17, 2020, an ESA archaeologist conducted a survey of the SJCC campus. The majority of the campus is fully developed with paved roads and sidewalks, buildings, sports fields, and landscaping. Areas with visible soils were surveyed at 10 meter intervals for cultural material, while excavation grading for a separate project in the northwest portion of the campus exposed subsurface soils up to two feet below ground surface for inspection. No archaeological resources were identified during the field survey, and no evidence of buried soil horizons were evident in the exposed subsurface soils.

The proposed SJCC FMP is located in a Holocene-age alluvial fan. This geologic formation has a high potential to contain buried archaeological resources (Meyer and Rosenthal, 2007). Increasing with depth, the alluvium becomes Pleistocene in age, which has a low archaeological sensitivity. Buried site sensitivity within Holocene-age sediments increases with proximity to perennial water sources, the stability of the landform, and other factors that make the location more desirable for human habitation. The SJCC campus is approximately 0.6 mile northwest of Los Gatos Creek.

Based on the results of the records search, background research, geoarchaeological analysis, and surface survey, no archaeological resources have been identified close to the SJCC campus, and the campus has a moderate potential to uncover buried archaeological resources. As such, the proposed SJCC FMP may impact archaeological resources pursuant to CEQA Guidelines Section 15064.5.

While unlikely, if any previously unrecorded archaeological resources are identified during SJCC FMP ground disturbing activities and were found to qualify as an historical resource per CEQA Guidelines Section 15064.5 or a unique archaeological resource, as defined in PRC Section 21083.2(g), any impacts to the resource resulting from the SJCC FMP could be potentially significant. Any such potential significant impacts would be reduced to a less than significant level by implementing **Mitigation Measure CUL-1.**

c) **Less than Significant with Mitigation Incorporated.** Based on the records search and survey results, no human remains are known to exist within the SJCC campus. It is possible that human remains would be encountered during construction of the proposed SJCC FMP. Therefore, the possibility of inadvertent discovery cannot be entirely discounted. In the event of the discovery of human remains during project construction activities, implementation of the following actions would reduce potential impacts to human remains.

Mitigation Measures

Mitigation Measure CUL-1. Accidental Discovery of Cultural Resources

If prehistoric or historic-period archaeological resources are encountered, all construction activities within 100 feet shall halt and the SJECCD shall be notified. Prehistoric archaeological materials might include obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil ("midden") containing heat-affected rocks, artifacts, or shellfish remains; and stone milling equipment (e.g., mortars, pestles, handstones, or milling slabs); and battered stone tools, such as hammerstones and pitted stones. Historic-era materials might include deposits of metal, glass, and/or ceramic refuse.

A Secretary of the Interior-qualified archaeologist shall inspect the findings within 24 hours of discovery. If it is determined that the project could damage a historical resource or a unique archaeological resource (as defined pursuant to the CEQA Guidelines), mitigation shall be implemented in accordance with PRC Section 21083.2 and Section 15126.4 of the CEQA Guidelines, with a preference for preservation in place. Consistent with Section 15126.4(b)(3), this may be accomplished through planning construction to avoid the resource; incorporating the resource within open space; capping and covering the resource; or deeding the site into a permanent conservation easement. If avoidance is not feasible, a qualified archaeologist shall prepare and implement a detailed treatment plan in consultation with the SJECCD. Treatment of unique archaeological resources shall follow the applicable requirements of PRC Section 21083.2. Treatment for most resources would consist of (but would not be not limited to) sample excavation, artifact collection, site documentation, and historical research, with the aim to target the recovery of important scientific data contained in the portion(s) of the significant resource to be impacted by the project. The treatment plan shall include provisions for analysis of data in a regional context, reporting of results within a timely manner, curation of artifacts and data at an approved facility, and dissemination of reports to local and state repositories, libraries, and interested professionals.

Mitigation Measure CUL-2: Inadvertent Discovery of Human Remains

If potential human remains are encountered, all work will halt within 100 feet of the find and the on-site construction crew will immediately contact the SJECCD. The SJECCD will contact the Santa Clara County coroner in accordance with PRC Section 5097.98 and Health and Safety Code Section 7050.5. If the coroner determines the remains are Native American, the coroner will contact the Native American Heritage Commission (NAHC). As provided in PRC Section 5097.98, the NAHC will identify the person or persons believed most likely to be descended from the deceased Native American. The most likely descendent will make recommendations for means of treating, with appropriate dignity, the human remains and any associated grave goods as provided in PRC Section 5097.98.

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Energy

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VI. ENERGY — Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☒	☐	☐	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☒	☐	☐	☐

Discussion

a-b) **Potentially Significant Impact.** The proposed SJCC FMP would result in new uses of energy resources during project construction and operation, which would have the potential to obstruct a state or local plan for renewable energy or energy efficiency. Analysis of energy-related impacts utilizes modeling and data prepared for the analysis of air quality impacts, all of which will be analyzed in the EIR. For this reason, project impacts related to energy will be analyzed in the EIR.

Geology and Soils

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

Discussion

a.i) **Less than Significant Impact**. The SJCC campus is not located in an Earthquake Fault Zone (EFZ) as delineated on an Earthquake Zones of Required Investigation Map (EZRIM) published by the California Geological Survey (CGS) as required by the Alquist-Priolo Earthquake Fault Zoning Act (CGS, 2002). There are Holocene-active faults in the surrounding area (i.e., the Hayward, San Andreas, Calaveras, and Monte Vista faults), the closest being the Southeast Extension section of the Hayward fault zone, approximately 7 miles to the northeast of the campus (CGS, 2010).

There are two pre-Holocene faults close to the SJCC campus; The San Jose fault is approximately 0.1-mile southwest of the campus and the Stanford Fault is approximately 0.5-mile southwest of the campus (CGS, 2010). Pre-Holocene faults are not considered "active faults," and have not shown surface rupture in the last 11,700 years (CGS, 2018).

The Southeast Extension section of the Hayward fault zone is designated an Earthquake Fault Zone (CGS, 2020); As stated above, the campus is 7 miles from the fault zone and outside of the EFZ boundary.

Given the distance of the SJCC campus from any EFZ or other Holocene-active faults, the construction and operation of development under the SJCC FMP would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault. Therefore, there would be a less than significant impact.

a.ii) **Less than Significant Impact**. Strong seismic ground shaking could occur in the study area because there are active fault zones near the SJCC campus, notably the Hayward fault zone. While the campus is located in a seismically active area, the SJCC FMP would not exacerbate the existing risk of seismic shaking or associated damage. Additionally, the California Building Code (CBC) requires that site-specific geotechnical investigations be performed, and subsequent report produced, to inform the design construction, renovation, and demolition of any structures included as part of the SJCC FMP. Compliance with the CBC is required by State law in order to receive the proper permits to begin construction.

Development under the SJCC FMP would be constructed following the seismic design parameters detailed in the required site-specific geotechnical investigations and would be implemented to minimize any adverse effects associated with seismic ground shaking. Compliance with all the applicable design parameters within the CBC and the geotechnical investigations would reduce the impacts associated with seismic ground shaking to a less than significant level.

a.iii) **Less than Significant Impact**. As noted above, the development under the SJCC FMP would be designed consistent with the applicable sections of the CBC, which require that site-specific geotechnical investigations be performed and the findings of that investigation be detailed in a report. The geotechnical reports will include seismic design parameters, and other geotechnical engineering recommendations to be implemented during the design of the project components, which when implemented will reduce the risk from seismically-induced ground failures.

The EZRIM published by the CGS (which delineate liquefaction and earthquake-induced landslide zones, as well as EFZs) indicates the SJCC campus is not within a liquefaction zone (CGS, 2020; CGS, 2002), and has a low potential for liquefaction during a major earthquake.

Regardless of the fact that the campus is not within a liquefaction zone, the geotechnical investigation will, if necessary, provide foundation design recommendations and soil engineering parameters that will address any potential impacts related to liquefaction. Additionally, as discussed above in item a.ii), project components would be designed and constructed in accordance with all the requirements detailed in the CBC. Implementation

of these geotechnical recommendations would reduce liquefaction related impacts at the campus to less than significant.

a.iv) **No Impact**. Due to the relatively flat terrane surrounding the area, the potential for landslides as a result of earthquakes is considered low. The EZRIM published by the CGS (which delineate earthquake-induced landslide zones, as well as EFZs) indicates the SJCC campus is not within an earthquake-induced landslide zone (CGS, 2020; CGS, 2002), and has a low potential to experience land sliding during a major earthquake. Additionally, geologic maps indicate the campus is not in an area that is mapped as a having historic landslide movement, or where conditions indicate the potential for landslides (Dibblee & Minch, 2007; Wentworth et al., 1999). Therefore, there would be no impact.

b) **Less than Significant Impact**. Project construction under the SJCC FMP would involve ground-disturbance including earthmoving, trenching, and grading. These activities would increase the susceptibility of sediments on the SJCC campus to erosion by wind or water. If not controlled and managed, erosion and sedimentation caused by the SJCC FMP could be substantial. However, as discussed in Section X, Hydrology and Water Quality, a Storm Water Pollution Prevention Plan (SWPPP) would be developed and implemented as part of the SJCC FMP in accordance with the NPDES General Permit for Stormwater Discharge Associated with Construction and Land Disturbance Activities. The SWPPP would include best management practices (BMPs) designed to control and reduce erosion. These measures would generally consist of silt fences, straw wattles, and gravel bags. The implementation of these erosion control measures would reduce construction impacts of the SJCC FMP to a less than significant level.

Once operational, the SJCC FMP components would include mostly paved surfaces, which would not be subject to substantial erosion or topsoil loss, and there would be no excavation or grading associated with operation of the SJCC FMP. Therefore, operational impacts are considered less than significant.

c) **Less than Significant Impact**. The potential for seismic-related ground failure, including liquefaction and landslides for the campus, are discussed above under a.iii) and a.iv). As discussed in Question a.i), the campus area is not located in an area mapped as having historic landslide movement (Dibblee & Minch, 2007; Wentworth et al., 1999), or where conditions indicate a potential to experience landslides. Therefore, activities under the SJCC FMP would not result in any on- or off- site landslides. The EZRIM published by the CGS indicates the liquefaction risk at the campus is low (CGS, 2020; CGS, 2002); however, the required geotechnical investigations will include, if necessary, design recommendations and parameters to avoid potential damage related to liquefaction. Additionally, all SJCC FMP development would be designed and constructed consistent with applicable sections of the CBC, which includes requirements and guidelines to protect against liquefaction, lateral spreading, and soil collapse. Subsidence is generally associated with groundwater withdrawal; as the SJCC FMP would not include groundwater withdrawal, there would be little risk of subsidence as a result. Lateral

spreading could occur during construction excavation if a liquefiable layer is present in the subsurface; however, graded areas would be required to comply with California Occupational Safety and Health (Cal/OSHA) Excavation and Trenching standards regulations, which would limit the potential for lateral spreading by sloping and shoring excavated areas. There would be no excavation activity during operation of the SJCC FMP, and the SJCC FMP would not use groundwater during operations, and adherence to state standards and standard engineering and construction techniques and recommendations from the geotechnical investigation would reduce impacts related to unstable soils to less than significant.

d) **Less than Significant Impact**. According to available data from the Natural Resources Conservation Service (NRCS) Web Soil Survey, there is insufficient data to suggest that there are expansive soils underlying the SJCC campus (NRCS, 2020). As stated above, structures constructed under the SJCC FMP would be designed consistent with the applicable sections of the CBC, which include requirements to address the expansion potential of soils in site-specific geotechnical investigations. If a geotechnical investigation leads to the discovery of expansive soils at the campus site, soil engineering recommendations will be included in the geotechnical investigation report. Adherence to the design requirements provided in the geotechnical report, which would be compliant with CBC, would ensure impacts related to expansive soils at the campus would be less than significant.

e) **No Impact**. The SJCC FMP would not utilize septic systems or other alternative disposal systems for the disposal of wastewater. Therefore, no impact would occur.

f) **Less than Significant with Mitigation Incorporated**. A significant impact would occur if a project would destroy a unique paleontological resource or site, or a unique geologic feature. Paleontological resources are the fossilized evidence of past life found in the geologic record. Despite the tremendous volume of sedimentary rock deposits preserved worldwide, and the enormous number of organisms that have lived through time, preservation of plant or animal remains as fossils is an extremely rare occurrence. Because of the infrequency of fossil preservation, fossils—particularly vertebrate fossils—are considered to be nonrenewable resources. Because of their rarity, and the scientific information they can provide, fossils are highly significant records of ancient life.

Geologic Mapping by Dibblee and Minch and Wentworth et al. indicates Holocene-age alluvial fan deposits are mapped at the surface within the SJCC campus (Dibblee & Minch, 2007; Wentworth et al., 1999). While not mapped at the surface within the project site, geologic mapping indicates Pleistocene-age alluvial deposits and Santa Clara Formation are present within an approximate 5-mile radius of the campus, and may be present at depth.

According to the University of California Museum of Paleontology's (UCMP) fossil localities online database, there have been 35 vertebrate fossil specimens recovered from Pleistocene-age deposits throughout Santa Clara County (UCMP, 2020a). Additionally, in 2016, Kaitlin Maguire and Patricia Holroyd documented three new vertebrate fossil localities in Santa Clara County that have yielded several specimens, including

mammoth, horse, sloth, and bison fossils (Maguire & Holroyd, 2016). Due to the high occurrence of vertebrate fossils within Pleistocene-age deposits in the area, this unit is considered to have high paleontological potential.

The Santa Clara Formation has yielded 6 vertebrate fossils within Santa Clara County (UCMP, 2020b). Although the Santa Clara Formation is not presently mapped within the SJCC campus, due to its proximity to the campus, excavation and other ground disturbance associated with the project may encounter Santa Clara Formation during construction. The Santa Clara Formation it is considered to have a high paleontological potential due to the presence of vertebrate fossils in Santa Clara County.

The project description does not include specific details about the maximum depth to be excavated during construction, but excavation into previously undisturbed ground may occur during construction. Should paleontological resources be encountered during ground-disturbing activities, this would be a potentially significant impact.

Implementation of **Mitigation Measures GEO-1** would reduce the potential for significant impacts on paleontological resources by providing paleontological resources sensitivity training for construction workers; implementing a mitigation plan to ensure preservation of any paleontological resources encountered during construction; and salvaging and preparing significant fossil finds for curation. Because development of the project would require implementation of Mitigation Measures GEO-1, the SJCC FMP would not adversely affect paleontological resources, and this impact would be less than significant with mitigation incorporated**.**

Mitigation Measures

Mitigation Measure GEO-1: Preconstruction Training, and Treatment, Salvage, and Curation of Paleontological Resources.

Prior to construction, a qualified paleontologist meeting the standards of the Society of Vertebrate Paleontology (SVP) (SVP, 2010) with expertise in California paleontology and on-site construction worker training. The qualified paleontologist shall complete an institutional record and literature search and shall develop a paleontological resources training program for all construction personnel and field personnel who are involved with earthmoving activities, including the site superintendent, regarding the possibility of encountering fossils, the appearance and types of fossils that are likely to be seen during construction, the proper notification procedures should fossils be encountered, and the laws and regulations protecting paleontological resources.

If paleontological resources, such as fossilized bone, teeth, shell, tracks, trails, casts, molds, or impressions are discovered during ground-disturbing activities, all earthwork or other types of ground disturbance within 25 feet of the find shall stop immediately and the monitor shall notify the SJECCD. Work shall not resume until a qualified professional paleontologist can assess the nature and importance of the find. Based on the scientific value or uniqueness of the find, the qualified paleontologist may record the find and allow work to continue, or recommend salvage and recovery of the fossil. The qualified paleontologist may also propose modifications to the stop-work radius and the

monitoring level of effort based on the nature of the find, site geology, and the activities occurring on the site, and in consultation with the SJECCD.

If treatment and salvage is required, recommendations shall be consistent with the SVP 2010 Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources, and currently accepted scientific practice, and shall be subject to review and approval by the SJECCD. If required, treatment for fossil remains may include preparation and recovery of fossil materials so that they can be housed in an appropriate museum or university collection (e.g., the University of California Museum of Paleontology), and may also include preparation of a report for publication describing the finds. Upon receipt of the fossil collection, a signed repository receipt form shall be obtained and provided to the SJECCD. The qualified paleontologist shall prepare a paleontological resources report documenting the treatment, salvage, and, if applicable, curation of the paleontological resources. The SJECCD shall be responsible for the costs necessary to prepare and identify collected fossils, and for any curation fees charged by the paleontological repository. The SJECCD shall ensure that information on the nature, location, and depth of all finds is readily available to the scientific community through university curation or other appropriate means.

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Greenhouse Gas Emissions

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VIII. GREENHOUSE GAS EMISSIONS — Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

Discussion

a - b) **Potentially Significant Impact.** The project would include uses that result in the emission of greenhouse gases (GHGs) from construction and operation of the development under the proposed SJCC FMP. GHGs generated by the proposed SJCC FMP may have the potential to either directly or indirectly have a significant impact on the environment, or conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. For these reasons, the impacts related to GHG emissions will be analyzed in the EIR.

Hazards and Hazardous Materials

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

Discussion

a,b) **Less than Significant Impact**. During the construction phase of projects proposed under the SJCC FMP, construction equipment and materials would include fuels, oils and lubricants, solvents and cleaners, glues and adhesives, paints and thinners, degreasers, cement and concrete, and asphalt mixtures, which are all commonly used in construction. The routine use or an accidental spill of hazardous materials used in construction could result in exposures or inadvertent releases, which could adversely affect construction workers, the public, and the environment.

Construction activities would be required to comply with the numerous federal, State, and local hazardous materials regulations. These regulations are designed to ensure that hazardous materials are transported, used, stored, and disposed of in a safe and legal manner to protect construction workers' safety. They are also intended to reduce the potential for a release of construction-related fuels or other hazardous materials into the environment, including stormwater and downstream receiving water bodies. Contractors would be required to prepare and implement Hazardous Materials Business Plans requiring that hazardous materials used for construction be used properly and stored in appropriate

containers with secondary containment, as needed, to contain a potential release. In addition, the California Fire Code would require measures for the safe storage and handling of hazardous materials.

A search of the State Water Resources Control Board (SWRCB) GeoTracker and Department of Toxic Substances Control (DTSC) EnviroStor databases indicates that there are no known hazardous materials sites within the SJCC campus (SWRCB, 2020; DTSC, 2020). The GeoTracker and EnviroStor databases also indicate that there are Cleanup Program Sites and Leaking Underground Storage Tank (LUST) cleanup sites at two adjacent properties; however, the last of these sites was cleaned up and closed in 2001, and there is no indication that activities proposed under the SJCC FMP would encounter any contaminated soil or groundwater during construction.

As discussed in the Environmental Setting, 14 of the building on campus were built over 30 years ago, and of those, seven were built over 60 years ago. Two buildings on campus are planned for demolition. Of those, the Business Building was constructed in 1960 and the General Education Buildings were constructed in 1983. Because the Business building was constructed prior to the 1970s (over 50 years ago) it may potentially contain asbestos-containing materials (ACM) and lead-based paint (LBP), and a survey would be required prior to demolition to determine whether pre-demolition abatement is required.

The identification, removal, and disposal of ACM is regulated under 8 CCR Sections 1529 and 5208. The identification, removal, and disposal for LBP is regulated under CCR Title 8, Division 1, Chapter 4, Article 4, Section 1532.1. All work must be conducted by a state-certified professional, which would ensure compliance with all applicable regulations. If ACM and/or LBP are determined to exist on site, a site-specific hazard control plan must be prepared, detailing removal methods and specific instructions for providing protective clothing and equipment for abatement personnel. A State-certified ACM and/or LBP removal contractor would be retained to conduct the appropriate abatement measures as required by the plan. Wastes from abatement and demolition activities would be transported and disposed of at a landfill permitted to accept such waste and in compliance with applicable federal, state, and local laws and regulations.

Once all abatement measures have been implemented, the contractor would conduct a clearance examination and provide written documentation to the Bay Area Air Quality Management District (BAAQMD) that testing for ACM and LBP and, if required, abatement have been completed in accordance with all federal, state, and local laws and regulations.

As discussed in, Section VII, *Geology and Soils*, above, construction contractors would be required to prepare a Storm Water Pollution Prevention Plan (SWPPP) for construction activities in compliance with requirements of the National Pollutant Discharge Elimination System's (NPDES) General Construction Permit. The SWPPP would list the hazardous materials (including petroleum products) proposed for use during construction; describe spill prevention measures, equipment inspections, and

equipment and fuel storage; protocols for responding immediately to spills; and describe best management practices (BMPs) for controlling site run-on and runoff.

Additionally, the transportation of hazardous materials would be regulated by the Department of Transportation (DOT), California Department of Transportation (Caltrans), and the California Highway Patrol (CHP). Together, federal and State agencies determine driver-training requirements, load labeling procedures, and container specifications designed to minimize the risk of an accidental release.

In the event of a spill that releases hazardous materials, a coordinated response would occur at the federal, state, and local levels, including the City of San José. The San José Fire Department is the local hazardous materials response team. In the event of a hazardous materials spill, the San José Police and Fire Departments would be notified simultaneously and sent to the scene to assess and respond to the situation.

The required compliance with the numerous existing laws and regulations discussed above that govern the transportation, use, handling, and disposal of hazardous materials would limit the potential for creation of hazardous conditions from the use or accidental release of hazardous materials. This impact would be less than significant.

c) **Less than Significant Impact**. There are two schools within 0.25-mile of the SJCC campus: Neighborhood Christian Preschool (approximately 0.1-mile east of the campus) and Sherman Oaks Elementary School (approximately 0.1-mile south of the campus). Additionally, the project site itself is a school campus.

As stated above, some of the buildings that are planned for renovation may have been built before the 1970s, and therefore, may contain ACM, LBP, or other hazardous building materials.

Demolition and renovation activities that may disturb or require the removal of building materials that consist of, contain, or are coated with ACM and/or LBP and/or other hazardous building materials (e.g., polychlorinated biphenyls [PCBs]), are required to comply with numerous existing regulations that require work sites to be inspected and/or tested for the presence of hazardous materials. If present, the hazardous materials must be managed and disposed of in accordance with applicable laws and regulations. Note that the treatment or removal of hazardous building materials is a standard condition of construction or occupation permits.

Once all abatement measures have been implemented, the contractor would conduct a clearance examination and provide written documentation to the BAAQMD that testing for ACM and LBP and, if required, abatement have been completed in accordance with all federal, State, and local laws and regulations.

The required compliance with the numerous existing laws and regulations discussed above that govern the transportation, use, handling, and disposal of hazardous materials

would limit the potential for hazardous emissions and/or hazardous materials to impact nearby schools. This impact would be **less than significant**.

d) **No Impact**. The SJCC campus is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (referred to as the "Cortese List"). Therefore, the SJCC FMP would not create a significant hazard to the public or the environment; there would be **no impact** under this criterion.

e) **No Impact**. The nearest airport to the project site is the Norman Y. Mineta San José International Airport, approximately 2.5 miles north of the SJCC campus. According to the Comprehensive Land Use Plan (CLUP) for Norman Y. Mineta San Jose International Airport, the SJCC campus is not within the delineated Airport Influence Area (AIA), safety zones, or noise contours (Santa Clara County ALUC, 2016). The SJCC FMP would not result in a safety hazard or excessive noise for people working or residing in the area, and there would be **no impact**.

f) **Less than Significant Impact**. As discussed under Section XV, Public Services, under the SJCC FMP, fire and police protection services to the campus would continue to be adequately provided by the SJFD and the SJECCD Police Department. During critical situations and extreme emergencies, the SJECCD Police Department would communicate with the District Chancellor's Office and President's Office/Emergency Operations Center (EOC) Director, in accordance with the Incident Command System (ICS) concept, to enhance emergency response and service delivery.

The District maintains emergency guidelines and emergency evacuation maps for the SJCC campus for the campus population to follow in the event of an emergency or need for evacuation. The emergency evacuation maps provide locations of exit pathways and evacuation areas for the campus community to assemble in an emergency. The District also partners with a private entity to provide an emergency communication system capable to contacting the campus population via email, text and phone messages, to quickly disseminate emergency information to the campus community. In addition, the District can also disseminate emergency information through the District's website, SJCC website, KJCC 104.1 FM, and the SJCC social media accounts. Under the SJCC FMP, the District would continue to implement these guidelines and systems, and coordinate with emergency response planning efforts with applicable jurisdictional emergency response providers.

Any potential changes in the circulation network at the campus under the SJCC FMP would be designed to accommodate appropriate emergency access to, and egress from, all areas of the campus. Project specific design, including internal circulation and building site plans, shall be subject to review and approval by applicable emergency service providers, per Fire Code requirements.

The design review process, and continued implementation of emergency response and evaluation practices and systems discussed above would be sufficient to ensure that

possible impairment of any emergency response or evacuation plans would be considered a less than significant impact.

g) **Less than Significant Impact**. According to fire hazard mapping by the CAL FIRE Forest Resource Assessment Program (CAL FIRE, 2008) and the Santa Clara County Wildland Urban Interface Fire Area Map (Santa Clara County, 2009), the SJCC campus is not within a high fire hazard area. The use of construction equipment and the possible temporary on-site storage of fuels and/or other flammable construction chemicals could pose an increased fire risk resulting in injury to workers or the public during construction. However, construction contractors would be required to comply with hazardous materials storage and fire protection regulations, which would minimize potential for fire creation, and ensure that the risk of wildland fires during construction would be **less than significant**.

References

California Department of Forestry and Fire Protection (CAL FIRE), 2008. Forest Resource Assessment Program. Map. Scale.

City of San Jose, 2018. Emergency Operations Plan, Base Plan. February 2019.

Department of Toxic Substances Control (DTSC), 2020. EnviroStor database.

Santa Clara County, 2009. Santa Clara County Wildland Urban Interface Fire Area Map.

Santa Clara County Airport Land Use Commission (Santa Clara County ALUC), 2016. *Comprehensive Land Use Plan, Santa Clara County, Norman Y. Mineta, San Jose International Airport*. Adopted May 25, 2011, Amended November 16, 2016.

Santa Clara County, 2017. Emergency Operations Plan. Office of Emergency Services. Approved January 10, 2017.

State Water Resources Control Board (SWRCB), 2020. GeoTracker database.

Hydrology and Water Quality

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

Environmental Setting

The SJCC campus is located in an urban environment in downtown San José. There are no surface streams that transect the campus. The nearest waterway is Los Gatos Creek, located approximately 0.75 miles southeast of the campus. Los Gatos Creek is a tributary to the Guadalupe River, which flows in a generally south to north direction toward south San Francisco Bay, approximately 8.25 miles north of the campus. The campus is located within the Santa Clara Groundwater Basin, Santa Clara Subbasin (Basin 2.9-02), which is identified as a high-priority basin under the Sustainable Groundwater Management Act. The campus is located in Zone D, classified by the Federal Emergency Management Agency (FEMA) as an "area of undetermined but possible flood hazards." The campus is not located in a 100-year floodplain.

Discussion

a) **Less than Significant Impact.** The City of San Jose and other Permittees are required to comply with municipal regional stormwater permit (MRP) which contains provisions requiring low impact development (LID) measures for development within the city to limit stormwater contaminants from entering the municipal stormwater collection

network. As operation of the development under the SJCC FMP would comply with MRP requirements and is unlikely to have any impact associated with water quality degradation, this analysis focuses on potential impacts associated with the construction that would occur under the SJCC FMP.

The SJCC FMP would involve certain site clearing, excavation and other soil disturbing activities at the campus, which could generate runoff or otherwise discharge contaminants through stormwater potentially degrading surface or groundwater. As soil disturbance at the campus under the SJCC FMP would occur for construction over an area greater than one acre in size, the District and/or its contractor would be required to comply with the National Pollutant Discharge Elimination System (NPDES). The projects under the SJCC FMP would be required to obtain coverage under the NPDES General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit) through development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP would identify site-specific best management practices (BMPs) designed to control stormwater at the project site, limit the amount of runoff leaving the construction site. Implementation of the BMPs would minimize the discharge of stormwater contaminants that could otherwise compromise surface or groundwater quality if mobilized through runoff into the municipal storm drain.

Construction of the project would include the use of equipment, fuels, oils and other hazardous materials. As described in Section IX, *Hazards and Hazardous Materials*, it is anticipated that the projects under SJCC FMP would develop and comply with a Hazardous Materials Business Plan for the use, transport, and storage of hazardous substances. With compliance with the terms of the Hazardous Materials Business Plan; adherence to Construction General Permit conditions including implementation of BMPs and site-specific measures designed to limit runoff identified in the SWPPP, construction of the project would have a less than significant impact associated with potential degradation to water quality.

b) **Less than Significant Impact.** The proposed project would be located in the Santa Clara Valley Groundwater Basin, which is identified by the Department of Water Resources as a high priority basin under the Sustainable Groundwater Management Act (SGMA), although not one subject to conditions of critical overdraft (DWR, 2020). Salt water intrusion and subsidence have been identified as key groundwater resource issues associated with the basin (SCVWD, 2016).

The proposed project would utilize water for construction and operation sourced in part from groundwater resources supplied through the San Jose Water Company. It is anticipated that water would be used for dust control and other purposed uses during construction, and could be sourced in part through reclaimed water. Thus, water requirements for construction are anticipated to have a negligible effect on groundwater supplies.

Although new development under the proposed SJCC FMP may incrementally increase impervious surfaces upon the campus, the majority of proposed construction would occur

in previously developed and paved areas, and consequently, the change would be small and not have a major effect on groundwater recharge capability. Impacts would be considered less than significant.

c.i) **Less than Significant Impact.** The project site is an existing developed campus. As under existing conditions, stormwater generated by future development under the SJCC FMP would be directed toward existing storm drainage facilities serving the campus. The campus is located on relatively flat terrain; thus, erosion is not a major concern at the site. Once the new or replacement facilities are constructed, the project sites would be either under impervious surfaces (buildings, pavement, etc.) or would be landscaped. This would minimize the potential for erosion and sedimentation in the long term.

As described in checklist item a), construction of projects under the SJCC FMP would disturb more than one acre of soil; therefore, a SWPPP would be required to be prepared as part of the Construction General Permit. A SWPPP would specify best management practices (BMPs) and measures to reduce the potential for erosion, and limit impacts associated with siltation and stormwater runoff, which could otherwise enter the municipal storm drain. BMPs could include site-specific measures such as strategic placement of inlet interceptors at storm drains, placement of straw wattles, or site management and good housekeeping practices such as maintaining daily coverage over spoils piles among others. With implementation of regulatory and permit requirements, and BMPs specified in the SWPPP, impacts would be less than significant.

c.ii) **Less than Significant Impact.** As noted above, storm water generated by future development under the SJCC FMP would be directed toward existing storm drainage facilities serving the campus. In addition, as noted above, while the implementation of the SJCC FMP would incrementally increase the amount of impervious surface on campus, this increase in impervious surface would be small. Site runoff would be regulated and controlled through adherence to conditions in the Construction General Permit and implementation of BMPs identified in the SWPPP. As the campus is not located in a flood hazard area and the volume and rate of runoff would not be substantially different compared to existing conditions, impacts under this criterion are anticipated to be less than significant.

c.iii) **Less than Significant Impact.** Project grading and site work has the potential to expose soils and could generate high sediment loads in stormwater runoff which could clog the storm drains or otherwise overwhelm existing drainage capacities. However, as previously described, the project would adhere to the conditions specified in the Construction General Permit and implement a SWPPP to reduce runoff on- and off-site.

Implementation of the SJCC FMP would increase impervious surfaces on campus, which could increase the volume of stormwater runoff in the City's storm drain system. However, this increase in runoff would be small and would not substantially exceed the capacity of existing or planned stormwater drainage systems. Following construction, the site would be under impervious surfaces or would be restored with landscaping,

incorporating designed infrastructure to enable functional site drainage during a storm event. During operation all runoff generated on campus would be subject to the Municipal Regional Stormwater NPDES Permit. As a result, impacts would be less than significant.

c.iv) **No Impact.** The SJCC campus is not in a special flood hazard area. According to FEMA, the campus is in Zone D, an area designated as one with undetermined flood hazards (FEMA, 2009). As noted above, storm water generated by future development under the SJCC FMP would be directed toward existing storm drainage facilities serving the campus. Consequently, the SJCC FMP would not impede or redirect flood flows. There would be no impact.

d) **No Impact.** As stated previously, the project is not located in a flood hazard area, thus there is no risk for release of pollutants from this hazard. The campus is more than 12 miles southeast of the San Francisco Bay, and not in a tsunami or seiche inundation zone. There would be no impact associated with this criterion.

e) **Less than Significant Impact.** With adherence to the terms and conditions specified in the Construction General Permit and implementation of the BMPs in the project-specific SWPPP, the risk of water quality contamination attributable to the project's construction activity would be greatly reduced. Compliance with the MRP and LID requirements would reduce the risk of water quality violations during operations. Therefore, the SJCC FMP would not conflict with the objectives of the Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan). The SJCC FMP would be implemented in a manner that would not substantially affect groundwater recharge or otherwise conflict with the Santa Clara Valley Groundwater Sustainability Plan. Impacts would be less than significant.

References

California Department of Water Resources (DWR), 2020. *Sustainable Groundwater Management Act 2019 Basin Prioritization: Process and Results*, May 2020. Available: https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization. Accessed August 20, 2020.

Federal Emergency Management Agency (FEMA), 2009. National Flood Insurance Program Flood Map Service Center, Map Panel 060349.

Santa Clara Valley Water District (SCVWD), 2016. *2016 Groundwater Management Plan for the Santa Clara and Llagas Subbasins*, November 22, 2016. https://www.valleywater.org/your-water/where-your-water-comes-from/groundwater/groundwater-management. Accessed August 20, 2020.

Land Use and Planning

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING — Would the project:				
a) Physically divide an established community?	☐	☐	☒	☐
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

Discussion

a) **Less than Significant Impact.** The proposed SJCC FMP would occur on an already existing campus and is in an already established urban setting. The SJCC FMP would include the construction of new buildings; the renovation of existing buildings and facilities; demolition of some existing structures; improvements to vehicular and pedestrian access and circulation systems; and open space improvements at the campus. These features would impede any existing travel within and through the campus or restrict connection to the surrounding neighborhoods. Therefore, the SJCC FMP would not physically divide an established community, and there would be a less than significant impact to land use and planning.

b) **Less than Significant Impact.** There are no SJECCD planning documents for which the SJCC FMP would be considered incompatible with.

The SJECCD is not subject to local plans, policies, or regulations, including the land use controls of the Envision San José 2040 General Plan or City's zoning ordinance. Nevertheless, the SJCC campus has considered these sources in developing the SJCC FMP. The existing Envision San José 2040 General Plan land use designation for the majority of the campus is Public/Quasi-Public (P/QP). the P/QP designation allows public land uses, including schools, colleges, libraries, fire stations, and auditoriums; and some private land uses, including private schools. The proposed changes on the campus under the SJCC FMP would be consistent with this designation. A small area of the campus, which contains the Technology Center building, is designated as Urban Village Commercial (UVC). However, renovations to the Technology Center building would not change the programmable square feet or educational uses within that structure. Therefore, the would not be a change to the existing SJECCD uses within the UVC land use designation.

The existing City of San José land use zoning for the majority of the campus is Single-Family Residential (R-1-8). The R-1-8 zoning district is applied to areas appropriate for single-family residential uses up to eight dwelling units per acre. While the R-1-8 zoning district is not consistent with the Public/Quasi-Public land use designation of the General Plan, the existing use of the proposed project site is for the SJCC campus as a Public/Quasi-Public use which is consistent, and the proposed uses at the project site would align with the existing uses. Smaller portions of the campus are zoned as

Commercial Pedestrian (CP) and Planned Development (PD). The portion of the campus within the CP zone is the extension of Kingman Avenue from South Bascom Avenue to the west side of the SJCC campus. No change is proposed for this segment pursuant to the proposed project. The section of the campus within the Planned Development zone is the Technology Center building, which would only be subject to internal renovation of existing areas used for educational purposes. There would be no change in the amount of space used for educational uses within the Planned Development zone.

The SJCC FMP does not propose land uses that are substantially incompatible with existing or planned land uses adjacent to the SJCC campus. Surrounding land uses would continue to exist adjacent to a fully developed campus that would be generally similar to that which currently exist. Further, there is no adopted specific plan, community plan, Habitat Conservation Plan or Natural Community Conservation Plan that apply to the campus.

Based on the above discussion, there would not be a significant conflict of the SJCC FMP with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect, and there would be a less than significant impact to land use and planning from the proposed project.

References

City of San José, 2011. Envision San José 2040 General Plan. Adopted November 1. Available: https://www.sanjoseca.gov/home/showdocument?id=22359. Accessed August 24, 2020.

———, 2020. Planning Building and Code Enforcement. Tract and Parcel Maps. Available: https://www.sanjoseca.gov/your-government/departments/planning-building-code-enforcement/planning-division/data-and-maps/tract-and-parcel-maps. Accessed August 24, 2020.

———, 2020. Zoning Code. Title 20. Available: https://library.municode.com/ca/san_jose/codes/code_of_ordinances?nodeId=TIT20ZO. Accessed August 24. 2020.

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Mineral Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XII. MINERAL RESOURCES — Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

Environmental Setting

Pursuant to the Surface Mining and Reclamation Act of 1975 (SMARA), the State Mining and Geology Board has identified the Communications Hill Area (Sector EE) as containing mineral deposits of regional significance for aggregate (City of San José, 2020).

The SJCC campus is located outside of the Communications Hill Area and does not have mineral deposits subject to SMARA.

Discussion

a-b) **No Impact.** The SJCC Campus is not in an area with a known mineral resource valuable to the region or state, nor is the campus within a known mineral resource recovery area (City of San José, 2020). The Communications Hill Area, containing mineral deposits of regional significance, is located approximately 4.20 miles southeast of the SJCC campus. Implementation of the SJCC FMP would not interfere with future mining activities or result in the loss of availability of a known mineral resource. Therefore, there would be no impact to mineral resources**.**

References

City of San José. 2020. Envision San José 2040 General Plan. https://www.sanjoseca.gov/home/showdocument?id=22359. Accessed August 14, 2020.

Noise

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIII. NOISE — Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☒	☐	☐	☐
b) Generation of excessive ground borne vibration or ground borne noise levels?	☒	☐	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☒	☐	☐	☐

Discussion

a-c) **Potentially Significant Impact.** The proposed project would include construction and operation of education-related uses, expanding the capacity of existing education uses within the SJCC campus. Construction and operation of the proposed project may generate noise and vibration that could adversely affect nearby sensitive receptors, resulting in a potentially significant impact. For this reason, impacts related to noise and vibration will be analyzed in the EIR.

Population and Housing

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIV. POPULATION AND HOUSING — Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Discussion

a) **No Impact.** The SJCC campus does not currently support housing for students, faculty, or staff, and the implementation of the proposed SJCC FMP would not result in an increase in population growth or result in the addition of on-site housing. Furthermore, any proposed utility improvements that would occur pursuant to implementation of the SJCC FMP are intended to only serve the proposed project. Consequently, the SJCC FMP would not induce substantial unplanned growth either directly or indirectly.

b) **No Impact.** The SJCC campus is not currently developed with residential uses, and no housing is present on the campus. As such, the SJCC FMP would not displace existing housing or people such that the construction of replacement housing would be required.

Public Services

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES —				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:				
i) Fire protection?	☐	☐	☒	☐
ii) Police protection?	☐	☐	☒	☐
iii) Schools?	☐	☐	☒	☐
iv) Parks?	☐	☐	☒	☐
v) Other public facilities?	☐	☐	☒	☐

Environmental Settings

Public services are those that are intended to serve and provide benefits to a community's welfare and livability. Public services include fire and police protection, schools, parks, and other public facilities (i.e., recreational facilities, hospitals, etc.). Additional discussion and analysis of public services may be found in Section XVI, *Recreation*, Section XIX, *Utilities and Service Systems*, and Section XX, *Wildfire*.

Fire Protection Services

The SJCC campus is located at 2100 Moorpark Avenue in Central San José. The San José Fire Department (SJFD) provides fire protection services to the City of San José, including the SJCC campus. The SJFD has 30 Public Safety Radio Dispatchers, 11 Senior Public Safety Dispatchers, 3 Supervising Public Safety Dispatchers and 1 Senior Office Specialist. Equipment teams deployed by the SJFD includes 32 engine companies, nine truck companies, an Urban Search and Rescue (USAR) company, a Hazardous Incident Team (HIT), Aircraft Rescue Fire Fighting (ARFF) personal and equipment, and five transport-capable ALS Squads (City of San José, 2019 and SJFD, 2016). The SJFD maintains 33 fire stations (SJFD, 2020). SJFD No. 4 is the primary response unit for the campus, and responds to all fire protection service calls. Station 4 is located directly across the campus' entry on the east side of Leigh at 740 Leigh Avenue, and has one engine company equipped with a fire hose.

The SJFD responded to approximately 91,900 incidents within its service area in the fiscal year of 2018-2019 (City of San José, 2019). Of the total, 7 percent were fires (3,100 total), 63 percent were medical emergencies (57,500 total), and 34 percent were other types of incidents (i.e., good intent calls, rescues, and false alarms) (31,000 total). The SJFD responded to 74 percent of Priority I incidents within its time standard of eight minutes, and 92 percent of Priority 2 incidents within 13 minutes.

Police Protection Services

Police services are provided to the SJCC campus by the SJECCD Police Department, through on-site campus police stations. The SJECCD maintains a mutual aid policy with the San José Police Department (SJPD) to provide assistance for after-hour incidents and in situations the SJECCD Police Department does not have the proper equipment, expertise, and/or staffing (SJECCD, 2019).

The SJCC is patrolled whenever classes are in session, Monday through Saturday 7:00 AM to 11:00 PM. The SJCC police station is closed Saturdays, Sundays and holidays; however, the Dispatch Center at Evergreen Community College provides assistance during those times and days, typically Monday through Saturday 7:00 AM to 11:00 PM, Sundays 7:00 AM to 3:00 PM, and 8:00 AM to 4:00 PM during holidays.

The existing SJCC Police Department is located on campus in the Student Center SC-10 building. The station is open Monday through Friday 7:00 AM to 3:00 PM. Outside of the hours of operation for the SJECCD Dispatch Center, the SJPD is responsible for emergencies on campus when notified.

Public Schools and Libraries

The City of San José has 15 school districts that provide 240 schools (City of San José, 2019). The closest school to the campus is Sherman Oaks Elementary School located approximately 0.1 miles south of the campus.

The City of San José's public library has 23 branches located throughout the city. The SJECCD's Cesar E. Chavez Library is located on SJCC campus and is open Monday through Thursday 8:30 AM to 8:00 PM and Friday 8:30 AM to 2:00 PM. The closest public library not part of the SJECCD is the Bascom Branch Library, located approximately 0.53 miles southwest of the SJCC campus.

Other Public Services

As mentioned above, the City of San Jose provides public services such as education, libraries, health care, public safety (police and fire), and emergency management (City of San José, 2020).

Discussion

a.i-iv) **Less Than Significant Impact.** As discussed in the Environmental Setting, the SJCC currently receives fire protection and emergency medical services from the SJFD. Implementation of the SJCC 2030 EMP would introduce an estimated 2,030 students and 22,680 WSCH, a growth of 26 percent by 2030. The increase in campus population under the SJCC FMP would be expected to result in an incremental increase in calls. However, it is not anticipated that the need for new facilities would be needed in excess of those currently planned.

As discussed above, the SJECCD Police Department provides law enforcement services on the SJCC campus with the SJPD providing additional services to the campus when needed. As discussed above, implementation of the SJCC FMP would increase the

campus population which could result in an incremental increase to additional calls for service. However, as discussed in the 2011 San José General Plan Final EIR, while the increase in calls for service may require the need for expansion of existing police facilities or the location of new facilities within planned growth areas, the construction of these facilities is not anticipated to have significant impacts.

The SJECCD's existing library on campus is expected to serve the needs of the campus population under the SJCC FMP. Furthermore, the SJCC FMP does not include any residential development or uses that would directly impact public libraries or other public services within the area due to an increase growth in population.

Implementation of the SJCC FMP would include circulation improvements that would facilitate emergency and service vehicle access to the core of the SJCC campus. The SJCC FMP does propose any actions that would result in residential development or uses. New students, facility, and staff associated with the SJCC FMP would likely be living in the surrounding communities or Bay Area at the time of enrollment or hire. To the extent that new students or employees move into Bay Area communities to study or work at the college, their numbers would not be large and would not add a substantial number of school age students to any one community. 0.Therefore, implementation of the SJCC FMP would not include changes that would result in the need for any new or expanded public service (i.e., new schools, parks, fire or police stations) nor would implementation effect response times or otherwise impact public services. Impacts to public services would be less than significant.

References

City of San José. 2011. *Final Program EIR for the Envision San José 2040 General Plan*. State Clearinghouse Number 2009072096. November 1, 2011.

———. 2019. City of San José Annual Report on City Services 2018-19. https://www.sanjoseca.gov/home/showdocument?id=49148. Accessed August 14, 2020.

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San José Evergreen Community College District (SJECCD). 2019. District Police About the Department. https://www.sjeccd.edu/DistrictPolice/Pages/About-The-Department.aspx. Accessed August 14, 2020.

San José Fire Department (SJFD). 2016. SJFD Strategic Business Plan: Vision 2023. http://sanjose.granicus.com/MetaViewer.php?view_id=&event_id=2139&meta_id=576586. Accessed August 14, 2020.

———. 2020. City of San Jose: About SJFD. https://www.sanjoseca.gov/your-government/departments/fire-department. Accessed August 14, 2020.

Recreation

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION —				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

Environmental Settings

There are 180 neighborhood/community parks and 9 regional parks within the City of San José (City of San José, 2011). These parks make up an existing 3,434 acres of regional and neighborhood/community serving parkland that vary in size and amenities.

The SJCC campus contains existing recreational facilities such as a drama theater, auditorium, Cesar E. Chavez Library; sports-related recreation facilities including basketball gymnasium, baseball field, and soccer and multi-use fields; and other open spaces within the campus boundaries.

Discussion

a-b) **Less Than Significant Impact.** Implementation of the SJCC FMP would result in the development of a hierarchy of open spaces ranging from large, active, formal and informal gather spaces to smaller, intimate, and purpose-built spaces. The SJCC FMP could also result in the creation of pedestrian nodes or places that would assist in wayfinding, together with seating, and opportunities for informal meetings and gatherings.

Given the existing recreational facilities on the SJCC campus and within the surrounding area, implementation of the any additional open space under the SJCC FMP would not result in the increase use of existing neighborhood and regional parks or other recreational facilities that would result in substantial physical deterioration of those facilities. Implementation of the proposes SJCC FMP would result in an increase in population (i.e., an estimated 4,812 students and correlating 139,421 WSCH, a growth of 44 percent by 2030). However, population growth resulting from the proposed SJCC FMP would be accounted for by the proposed open spaces and is not anticipated to result in significant environmental impacts. Therefore, impacts on recreational resources would be less than significant.

References

City of San José. 2011. DEIR for the Envision San José 2040 General Plan. State Clearinghouse Number 2009072096. https://www.sanjoseca.gov/your-government/departments/planning-

building-code-enforcement/planning-division/environmental-planning/environmental-review/completed-eirs/envision-san-jose-2040-general-plan-4-year/envision-san-jos-2040-general-plan. Accessed August 17, 2020.

Transportation

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

Discussion

a-d) **Potentially Significant Impact.** The proposed implementation of the SJCC FMP would include the renovation and demolition of existing structures, construction of new structures, and construction of new utilities and transportation facilities, all of which would serve education-related purposes. All of the proposed uses for the proposed project would generate traffic to and from the project site as well as construction traffic during project construction. The EIR will evaluate the potential for development under the proposed SJCC FMP to conflict with programs, plans, ordinances, and policies addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. This increase in vehicle trips under the SJCC FMP would in turn increase the total amount of vehicle miles traveled (VMT) to and from the campus. The EIR will evaluate the potential for development under the proposed SJCC FMP to conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b). Although development under the proposed SJCC FMP is not expected to include hazardous roadway design features or incompatible uses, the potential for impacts related to site access will be evaluated in the EIR. Furthermore, although development under the proposed SJCC FMP is not expected to result in inadequate emergency access, this issue will be evaluated in the EIR.

Tribal Cultural Resources

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

Discussion

a.i, ii) **Less than Significant with Mitigation Incorporated.** CEQA requires the lead agency to consider the effects of a project on tribal cultural resources. As defined in PRC Section 21074, tribal cultural resources are sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are listed, or determined to be eligible for listing, on the national, state, or local register of historical resources.

ESA contacted the California State Native American Heritage Commission (NAHC) on July 15, 2020 to request a search of the NAHC's Sacred Lands File and a list of Native American representatives who may have knowledge of tribal cultural resources in the project area, or interest in the project. The NAHC replied to ESA by email on July 16, 2020, with the statement that the Sacred Lands File has no record of any sacred sites within the project area. The NAHC response included a list of six Native American representatives from six tribes who may have knowledge of tribal cultural resources in the project area, or be interested in the proposed SJCC FMP.

On July 23, 2020, SJECCD sent letters to six Native American tribal organizations who were identified by the NAHC in their response to the Sacred Lands File request. No tribal organizations responded to the request.

Based on the Northwest Information Center records search (described in Section V. Cultural Resources) and the NAHC SLF negative search results, there are no known tribal cultural resources listed or determined eligible for listing in the California Register of Historical Resources, or included in a local register of historical resources as defined

in PRC Section 5020.1(k), pursuant to PRC Section 21074(a)(1), would be affected by the proposed SJCC FMP. To date, no new tribal cultural resources have been identified by Native American representatives, and surface survey of the campus identified no potential tribal cultural resources. In addition, the SJECCD did not determine any resource that could potentially be affected by the project to be a significant tribal cultural resource pursuant to criteria set forth in PRC Section 5024.1(c). However, if any previously unrecorded archaeological resource were identified during project implementation, particularly ground-disturbing construction activities, and were found to qualify as a tribal cultural resource pursuant to PRC Section 21074(a)(2) (determined by the lead agency to be significant pursuant to criteria set forth in PRC Section 5024.1[c]), any impacts to the resource resulting from the project could be potentially significant. Any such potential significant impacts would be reduced to a less than significant level by implementing Mitigation Measures CUL-1 and CUL-2.

References

Northwest Information Center (NWIC), File No. 20-0118. California Historical Resources Information System at Sonoma State University, Rohnert Park. On file at ESA, July 27, 2020.

Utilities and Service Systems

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

Environmental Settings

San José Water Company supplies and delivers potable water (sourced from Santa Clara Valley Water District [SCVWD]) to the SJCC campus through waster distribution lines in the surrounding streets. Wastewater generated on campus is discharged to City of San José wastewater collection lines, and conveyed to and treated at the San José/Santa Clara Water Pollution Control Plant (WPCP). The campus is served by City of San José stormwater infrastructure, which is maintained by the City of San José. Pacific Gas and Electric (PG&E) provides electricity and natural gas to the campus. Solid waste generated on the campus is collected by a private hauler and is disposed at any of four privately owned landfills in San José or at other landfills outside the County. Landfills serving the City include Kirby Canyon, Newby Island, Zanker Road, and Zanker Materials Processing Facility.

Discussion

a) **Less than Significant Impact.** Additional growth and development that would occur under the SJCC FMP would increase demand for potable water (this issue is addressed under checklist item b, below for water supply); increase wastewater generation and need for wastewater treatment (this issue is addressed in checklist item c, below); contribute to stormflows to stormwater collection facilities (please refer to Section X, Hydrology and Water Quality for additional detail); and generate an increase in demand for electricity and natural gas service, and telecommunications.

New facilities developed on the campus under the SJCC FMP would be connected as needed to potable water distribution lines in the proximity of the campus. No substantial relocation or construction of new or expanded off-site water distribution lines would be expected to serve new development under the SJCC FMP.

Minor upgrades to the existing stormwater drainage infrastructure within the campus may also be implemented during construction. Stormwater flows would be directed to existing drainage infrastructure in the proximity of the campus. As discussed in Section X, implementation of the SJCC FMP could increase the volume of stormwater runoff in the City's storm drain system. However, this increase in runoff would be small and would not substantially exceed the capacity of existing or planned downstream stormwater drainage systems. No substantial relocation or construction of new or expanded off-site storm drainage would be expected to serve new development under the SJCC FMP.

The SJCC FMP would also include electrical and natural gas connections to existing infrastructure; however, no substantial relocation or construction of new or expanded off-site electrical/natural gas infrastructure would be required to serve the campus. Similarly, new telecommunications utilities may be provided on-site to serve new development on the campus; however, no substantial off-site telecommunications extensions or new construction is anticipated.

Construction activities associated with these utility improvements described above would have the potential to result in significant or potentially significant impacts. However, compliance with construction-related regulatory requirements, along with identified mitigation measures, discussed in other sections of this Initial Study, and further in the EIR, would reduce construction-related effects associated with utility improvements to a less than significant level. As a result, the impacts associated with the construction of new utilities to serve the campus under the SJCC FMP would be less than significant.

b) **Potentially Significant Impact.** Water would be required for both construction and operation of the SJCC FMP. During construction, water requirements would consist of non-potable water required for dust control and for other construction purposes, sourced from water tank trucks. Potable water for construction workers would be provided by the construction contractors, as needed, based on the number of construction workers each day. The small increase in potable water demand during construction would not be substantial and the short-term spikes in water use can be accommodated; and accordingly construction related non-potable demands for water would be less than significant.

During operation, the SJCC FMP would result in an increase in demand for potable water on campus. The SJCC FMP EIR will evaluate whether there the SJWC would have sufficient water supplies to serve the projected campus development under the SJCC FMP and reasonably foreseeable future development during normal, dry, and multiple dry years.

c) **Potentially Significant Impact.** Implementation of the SJCC FMP would result in an increase in generation of wastewater generation that would require treatment at the WPCP. The SJCC FMP EIR will evaluate whether the WPCP has adequate capacity to

serve projected demand under the proposed SJCC FMP, in addition to current and future demands.

d-e) **Potentially Significant Impact.** The SJCC FMP EIR will evaluate whether solid waste providers have the capacity to serve development under the proposed SJCC FMP in addition to current and future demands. In addition, the SJCC FMP EIR will evaluate whether the proposed project would conflict with federal, State, and local management and reduction statutes and regulations related to solid waste.

Wildfire

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE — If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

Environmental Setting

Wildfire is an outcome of several variables, primarily weather (temperature, humidity, and wind), vegetation, topography, and human influences, which combine to produce regional and local severity zones. The City of San José is located in a Local Responsibility Area (LRA) that is within an incorporated area. In addition, as discussed under Section IX, Hazards and Hazardous Materials, topic g) above, the SJCC campus is not located within or in the vicinity of, a high fire hazard area. Consequently, no significant impacts would be associated with the proposed SJCC FMP as it relates to wildfire.

Discussion

a-c) **Less than Significant Impact.** As discussed under Section IX, topic f), above, the project design review process, and continued implementation of emergency response and evaluation practices and systems during operation of SJCC FMP, would be sufficient to ensure that possible impairment of any emergency response or evacuation plans would be considered a less than significant impact.

Implementation of the SJCC FMP would not include any residential structures, therefore would not have any permanent occupants. Construction activities that could result from the SJCC FMP would require the use of vehicles and equipment that could lead to a minor increase in the risk of ignition, which could ignite a fire in an area with flammable vegetation or material. However, the risk of igniting a wildfire would be low because construction would take place in an incorporated area that does not contain substantial flammable vegetation. Operation of constructed or modified buildings would not involve activities that could introduce wildfire risk. Therefore, this impact would be less than

significant. Similarly, the SJCC FMP would include not include any infrastructure improvements that exacerbate the potential for wildfire risks.

d) **No Impact**. The SJCC campus is located in an area that is relatively level, and consequently, construction of improvements and operation under SJCC FMP would not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

References

California Department of Forestry and Fire Protection (CAL FIRE), 2019. FHSZ Viewer. https://egis.fire.ca.gov/FHSZ/. Accessed August 20, 2020.

Mandatory Findings of Significance

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

Discussion

a) **Potentially Significant Impact.** With the incorporation of mitigation measures, the proposed SJCC FMP would not degrade the quality of the environment, substantially reduced the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, or threaten to eliminate a plant or animal community. In addition, the proposed SJCC FMP would not eliminate important examples of California prehistory. However, the proposed project could negatively impact historic aged structures that may be determined to be of historic importance. This topic will be addressed further in the EIR. For the purposes of this initial study, these potential impacts to cultural resources are considered significant.

b) **Potentially Significant Impact.** The analysis in this Initial Study demonstrates there would be no project-specific or cumulative significant and unavoidable impacts to agricultural and forestry resources, aesthetics, biological resources, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, population and housing, public services, recreation, tribal cultural resources, or wildfire.

Potential cumulative significant impacts to air quality, cultural resources, energy, greenhouse gas emissions, noise and vibration, transportation, and utilities and service systems will be analyzed in an EIR. For the purposes of this initial study, those potential cumulative impacts are considered potentially significant.

c) **Potentially Significant Impact.** The proposed project would not have significant adverse effects to humans related to the issue areas addressed in this Initial Study. The EIR will include analysis of air quality, cultural resources, energy, greenhouse gas emissions,

noise and vibration, and transportation. For the purposes of this Initial Study, those potential impacts to human beings are considered potentially significant.

Appendix A

Biological Resources Database Query Results

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE RareFind

Query Summary:
Quad IS (San Jose West (3712138))

Print Close

CNDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Accipiter cooperii	Cooper's hawk	Birds	ABNKC12040	118	1	None	None	G5	S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Cismontane woodland, Riparian forest, Riparian woodland, Upper montane coniferous forest
Ambystoma californiense	California tiger salamander	Amphibians	AAAAA01180	1271	1	Threatened	Threatened	G2G3	S2S3	null	CDFW_WL-Watch List, IUCN_VU-Vulnerable	Cismontane woodland, Meadow & seep, Riparian woodland, Valley & foothill grassland, Vernal pool, Wetland
Anniella pulchra	Northern California legless lizard	Reptiles	ARACC01020	375	1	None	None	G3	S3	null	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Chaparral, Coastal dunes, Coastal scrub
Antrozous pallidus	pallid bat	Mammals	AMACC10010	420	1	None	None	G5	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	Chaparral, Coastal scrub, Desert wash, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Riparian woodland, Sonoran desert scrub, Upper montane coniferous forest, Valley & foothill grassland
Athene cunicularia	burrowing owl	Birds	ABNSB10010	1989	4	None	None	G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Coastal prairie, Coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, Valley & foothill grassland
Bombus caliginosus	obscure bumble bee	Insects	IIHYM24380	181	1	None	None	G4?	S1S2	null	IUCN_VU-Vulnerable	null
Bombus crotchii	Crotch bumble bee	Insects	IIHYM24480	276	1	None	Candidate Endangered	G3G4	S1S2	null	null	null
Bombus occidentalis	western bumble bee	Insects	IIHYM24250	279	1	None	Candidate Endangered	G2G3	S1	null	USFS_S-Sensitive	null
Buteo swainsoni	Swainson's hawk	Birds	ABNKC19070	2535	1	None	Threatened	G5	S3	null	BLM_S-Sensitive, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Great Basin grassland, Riparian forest, Riparian woodland, Valley & foothill grassland
Centromadia parryi ssp. congdonii	Congdon's tarplant	Dicots	PDAST4R0P1	98	1	None	None	G3T1T2	S1S2	1B.1	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Valley & foothill grassland
Chorizanthe robusta var. robusta	robust spineflower	Dicots	PDPGN040Q2	20	1	Endangered	None	G2T1	S1	1B.1	null	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal dunes

Corynorhinus townsendii	Townsend's big-eared bat	Mammals	AMACC08010	635	1	None	None	G3G4	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	Broadleaved upland forest, Chaparral, Chenopod scrub, Great Basin grassland, Great Basin scrub, Joshua tree woodland, Lower montane coniferous forest, Meadow & seep, Mojavean desert scrub, Riparian forest, Riparian woodland, Sonoran desert scrub, Sonoran thorn woodland, Upper montane coniferous forest, Valley & foothill grassland
Coturnicops noveboracensis	yellow rail	Birds	ABNME01010	45	1	None	None	G4	S1S2	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, NABCI_RWL-Red Watch List, USFS_S-Sensitive, USFWS_BCC-Birds of Conservation Concern	Freshwater marsh, Meadow & seep
Emys marmorata	western pond turtle	Reptiles	ARAAD02030	1396	1	None	None	G3G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive	Aquatic, Artificial flowing waters, Klamath/North coast flowing waters, Klamath/North coast standing waters, Marsh & swamp, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters, South coast flowing waters, South coast standing waters, Wetland
Falco peregrinus anatum	American peregrine falcon	Birds	ABNKD06071	58	1	Delisted	Delisted	G4T4	S3S4	null	CDF_S-Sensitive, CDFW_FP-Fully Protected, USFWS_BCC-Birds of Conservation Concern	null
Lasiurus cinereus	hoary bat	Mammals	AMACC05030	238	3	None	None	G5	S4	null	IUCN_LC-Least Concern, WBWG_M-Medium Priority	Broadleaved upland forest, Cismontane woodland, Lower montane coniferous forest, North coast coniferous forest
Malacothamnus hallii	Hall's bush-mallow	Dicots	PDMAL0Q0F0	43	1	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Chaparral, Coastal scrub, Ultramafic
Neotoma fuscipes annectens	San Francisco dusky-footed woodrat	Mammals	AMAFF08082	42	1	None	None	G5T2T3	S2S3	null	CDFW_SSC-Species of Special Concern	Chaparral, Redwood
Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	Fish	AFCHA0209G	44	1	Threatened	None	G5T2T3Q	S2S3	null	AFS_TH-Threatened	Aquatic, Sacramento/San Joaquin flowing waters
Plagiobothrys glaber	hairless popcornflower	Dicots	PDBOR0V0B0	9	1	None	None	GX	SX	1A	null	Marsh & swamp, Salt marsh, Vernal pool, Wetland
Rana boylii	foothill yellow-legged frog	Amphibians	AAABH01050	2468	2	None	Endangered	G3	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special	Aquatic, Chaparral, Cismontane

											Concern, IUCN_NT-Near Threatened, USFS_S-Sensitive	woodland, Coastal scrub, Klamath/North coast flowing waters, Lower montane coniferous forest, Meadow & seep, Riparian forest, Riparian woodland, Sacramento/San Joaquin flowing waters
Trifolium hydrophilum	saline clover	Dicots	PDFAB400R5	56	1	None	None	G2	S2	1B.2	null	Marsh & swamp, Valley & foothill grassland, Vernal pool, Wetland

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To: August 10, 2020
Consultation Code: 08ESMF00-2020-SLI-2600
Event Code: 08ESMF00-2020-E-07984
Project Name: San José City College

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, under the jurisdiction of the U.S. Fish and Wildlife Service (Service) that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Please follow the link below to see if your proposed project has the potential to affect other species or their habitats under the jurisdiction of the National Marine Fisheries Service:

http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

Project Summary

Consultation Code: 08ESMF00-2020-SLI-2600

Event Code: 08ESMF00-2020-E-07984

Project Name: San José City College

Project Type: DEVELOPMENT

Project Description: The San José City College campus is located at 2100 Moorpark Avenue in central San José in Santa Clara County. The campus encompasses approximately 61acres. Facility recommendations contained in the 2030 Facility Master Plan include demolition and removal of existing buildings on the campus; the construction of new buildings and the renovation of existing buildings and facilities to meet the future program needs; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/37.314152162499N121.92713997586236W

Counties: Santa Clara, CA

Endangered Species Act Species

There is a total of 8 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
California Clapper Rail *Rallus longirostris obsoletus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4240	Endangered
California Least Tern *Sterna antillarum browni* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8104	Endangered

Amphibians

NAME	STATUS
California Red-legged Frog *Rana draytonii* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2891 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/205/office/11420.pdf	Threatened
California Tiger Salamander *Ambystoma californiense* Population: U.S.A. (Central CA DPS) There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2076	Threatened

Fishes

NAME	STATUS
Delta Smelt *Hypomesus transpacificus* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/321	Threatened

Insects

NAME	STATUS
Bay Checkerspot Butterfly *Euphydryas editha bayensis* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2320	Threatened
San Bruno Elfin Butterfly *Callophrys mossii bayensis* There is **proposed** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3394	Endangered

Flowering Plants

NAME	STATUS
Robust Spineflower *Chorizanthe robusta var. robusta* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9287	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

CNPS California Native Plant Society

Inventory of Rare and Endangered Plants

*The database used to provide updates to the Online Inventory is under construction. View updates and changes made since May 2019 here.

Plant List

5 matches found. *Click on scientific name for details*

Search Criteria

Found in Quad 3712138

Modify Search Criteria Export to Excel Modify Columns Modify Sort Display Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Chorizanthe robusta var. robusta	robust spineflower	Polygonaceae	annual herb	Apr-Sep	1B.1	S1	G2T1
Clarkia lewisii	Lewis' clarkia	Onagraceae	annual herb	May-Jul	4.3	S4	G4
Malacothamnus hallii	Hall's bush-mallow	Malvaceae	perennial evergreen shrub	(Apr)May-Sep(Oct)	1B.2	S2	G2
Plagiobothrys glaber	hairless popcornflower	Boraginaceae	annual herb	Mar-May	1A	SH	GH
Trifolium hydrophilum	saline clover	Fabaceae	annual herb	Apr-Jun	1B.2	S2	G2

Suggested Citation

California Native Plant Society, Rare Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 10 August 2020].

Search the Inventory
Simple Search
Advanced Search
Glossary

Information
About the Inventory
About the Rare Plant Program
CNPS Home Page
About CNPS
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Contributors
The Calflora Database
The California Lichen Society
California Natural Diversity Database
The Jepson Flora Project
The Consortium of California Herbaria
CalPhotos

Questions and Comments
rareplants@cnps.org

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NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT
FOR THE
San José City College Facilities Master Plan

To: Public Agencies and Concerned Citizens/Interested Parties

From: San José Evergreen Community College District
40 S. Market Street
San José, CA 95113

Lead Agency/Project Proponent: San José Evergreen Community College District

Notice: Notice is hereby given that the San José Evergreen Community College District (SJECCD), acting as Lead Agency under the California Environmental Quality Act (CEQA), is preparing an Environmental Impact Report (EIR) for the Vision 2030 San José City College Facilities Master Plan (SJCC FMP) and other actions and transactions associated with the proposed project. Written comments regarding the issues that should be covered in the EIR, including potential alternatives to the proposed project and the scope of the analysis, are invited. This Notice of Preparation (NOP), and Initial Study, are available on the SJECCD website at: **http://cboc.sjebond.com/program-documents/**

The EIR is being prepared in compliance with CEQA. Under CEQA, upon deciding to prepare an EIR, the SJECCD must issue a NOP to inform trustee agencies, responsible agencies, and the public of that decision. The purpose of the NOP is to provide information describing the project and its potential environmental effects to those who may wish to comment regarding the scope and content of the information to be included in the EIR. Agencies should comment on such information as it relates to their statutory responsibilities in connection with the project.

The EIR will provide an evaluation of potential environmental impacts associated with development of the proposed project. The proposed project description, location, and environmental issue areas that may be affected by development of the proposed project are described below. The EIR will evaluate the potentially significant environmental impacts of the proposed project, on both a direct and cumulative basis, identify mitigation measures that may be feasible to lessen or avoid such impacts, and identify alternatives to the proposed project.

Project Location: The project site is located at:

San José City College
2100 Moorpark Avenue
San José, CA 95128

The SJCC campus is located in an urban setting and is surrounded by a variety of land uses, including commercial uses and Santa Clara Valley Medical Center to the west; a residential neighborhood, senior housing, a San José Fire Department fire station, and a church to the east; a mixed single- and multi-family residential neighborhood to the south; and single-family residential uses to the north across I-280.

Project Description: The SJECCD proposes to construct and implement the SJCC FMP, which would include renovations throughout the SJCC campus, construction of new structures, demolition of certain structure, and upgrades to existing transportation and circulation facilities. A detailed project description is included in the Initial Study referenced in this notice.

Environmental Effects and the Scope of the EIR: The EIR will analyze potentially significant impacts that result from implementation of the proposed project.

As indicated above, the SJECCD has prepared an Initial Study to describe the project and identify any potentially significant project-specific or cumulative environmental effects, as well as, identify any mitigation measures or alternatives that may avoid or mitigate the identified effects, if any, to a less-than-significant level. Based on the findings of the Initial Study, it is anticipated that the following topics could have potentially significant impacts:

- Air Quality
- Historical Resources
- Energy
- Greenhouse Gas Emissions
- Noise
- Transportation
- Utilities and Service Systems

In addition, the EIR will describe and evaluate project alternatives that may reduce or avoid any identified significant adverse impacts of the project. Unless new information is presented during the NOP comment process, the following topics are expected to have less-than-significant impacts and will be discussed only in the Initial Study: aesthetics; archaeological resources; agriculture and forestry resources; biological resources; geology and soils; hazards and hazardous materials; hydrology and water quality; land use and planning; mineral resources; population and housing; public services; recreation; tribal cultural resources; and wildfire.

Address Where Written Comments May be Sent: Comments and suggestions as to the appropriate scope of analysis in the EIR are invited from all interested parties. Written comments or questions concerning the EIR for the proposed project should be directed to the SJECCD at the following address, in writing, by the end of the scoping period, **Friday, November 27, 2020, at 5:00 p.m**. Submit comments by U.S. Mail or E-mail to:

Terrance DeGray, Associate Vice Chancellor, Physical Plant Development and Operations
San José Evergreen Community College District
40 S. Market Street
San José, CA 95113
Email: Terrance.DeGray@sjeccd.edu
Telephone: (408) 274-6401

Appendix B

Air Quality and Greenhouse Gas Emissions Calculations

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CalEEMod Inputs for Estimation of Construction Emissions

San Jose City College FMP EIR

Project Construction Schedule

	Renovation
	New Construction
	Demolition

Building	Action	Building Area (sqft)	Site Area (sqft)	Site Area (acres)	Start Date	End Date
Student Center	Partial Renovation	69,044	91,300	2.1	5/1/2021	7/1/2021
Central Plant	Interior Equipment Upgrades	7,700	14,250	0.3	6/1/2021	3/1/2022
Jaguar Student Development and Multi-cultural Center (formerly Jaguar Gym)	Renovation	35,363	21,650	0.5	12/1/2022	8/1/2023
CTE 200 Building	Renovation (Interior)	41,820	54,500	1.3	3/1/2022	9/1/2022
Career Technology Education Building	New Building	122,800	48,000	1.1	6/1/2022	3/1/2024
Reprographics and Cosmetology	Partial Renovation	30,648	33,500	0.8	6/1/2024	2/1/2025
Technology Center	Partial Renovation	80,000	30,200	0.7	10/1/2025	4/1/2026
Child Development Center	New Building	15,000	45,000	1.0	1/1/2026	
General Education / Business Complex	New Building	104,461	104,500	2.4	2/1/2027	
Aquatic Center	New Facility	11,000	39,500	0.9	10/1/2026	
Business Building	Demolish	25,272	19,000	0.4	1/1/2026	4/30/2026
General Education	Demolish	43,668	56,900	1.3	5/1/2026	9/30/2026
Parking Structure	New Facility	180,000	96,000	2.2	9/1/2026	
Applied Sciences Building D (What about A?)	Demolish	2,825	4,500	0.1	6/1/2021	8/1/2021
CTE 100 Building	Demolish	36,996	47,200	1.1	7/1/2026	8/31/2026
Demolition of West Wing - Theater bldg	Demolish	10,000	34,000	0.8	1/1/2029	
Renovation of Therater bldg	Renovation	35,630	34,000	0.8		
Reconstruction and Addition of Theater bldg	New Building	35,630	34,000	0.8		

Project Phases grouped by timeline and location on campus for separate CalEEMod runs

Building	Action	Building Area (sqft)	Site Area (sqft)	Site Area (acres)	Start Date	End Date
Phase 1a (2021 - 2026)						
Student Center	Partial Renovation	69044	91300	2.1	5/1/2021	7/1/2021
Central Plant	Interior Equipment Upgrades	7700	14250	0.3	6/1/2021	3/1/2022
Jaguar Student Development and Multi-cultural Center (fo	Renovation	35363	21650	0.5	12/1/2022	8/1/2023
CTE 200 Building	Renovation (Interior)	41820	54500	1.3	3/1/2022	9/1/2022
Reprographics and Cosmetology	Partial Renovation	30648	33500	0.8	6/1/2024	2/1/2025
Technology Center	Partial Renovation	80000	30200	0.7	10/1/2025	4/1/2026
Phase 1b (2021 - 2024)						
Applied Sciences Building D (What about A?)	Demolish	2825	4500	0.1	6/1/2021	8/1/2021
Career Technology Education Building	New Building	122800	48000	1.1	6/1/2022	3/1/2024
Phase 2a (After 2025)						
Business Building	Demolish	25272	19000	0.4	1/1/2026	4/30/2026
General Education	Demolish	43668	56900	1.3	5/1/2026	9/30/2026
General Education / Business Complex	New Building	104461	104500	2.4	2/1/2027	1/0/1900
Phase 2b (After 2025)						
Child Development Center	New Building	15000	45000	1.0	1/1/2026	1/0/1900
Aquatic Center	New Facility	11000	39500	0.9	10/1/2026	1/0/1900
Parking Structure	New Facility	180000	96000	2.2	9/1/2026	1/0/1900
CTE 100 Building	Demolish	36996	47200	1.1	7/1/2026	8/31/2026
Phase 2c (After 2025)						
Demolition of West Wing - Theater bldg	Demolish	10000	34000	0.8	1/1/2029	1/0/1900
Renovation of Therater bldg	Renovation	35630	34000	0.8	1/0/1900	1/0/1900
Reconstruction and Addition of Theater bldg	New Building	35630	34000	0.8	1/0/1900	1/0/1900

CalEEMod Inputs for Estimation of Operational Emissions

San Jose City College FMP

CalEEMod inputs

			FMP	
CalEEMod Land Use	**Existing**	**FMP**	Existing	New/renovated
Educational/Junior College (2Yr)	634693	786323	223454	562869
Day Care Center		15000		15000
Recreational Swimming Pool		11000		11000
Unenclosed Parking with Elevator		180000		180000
TOTAL	**634693**	**992323**		**992323**
Site Area (acres)	30	30	10	20

Trip Generation based on Traffic Study	**Trips /day**	**Trips/day/1000 sqft**	**VMT/year**
Existing	6569	10.3	17949970
FMP	7780	9.9	21328775

Trip Rate Adjustment	**Wkdy**	**Sat**	**Sun**
CalEEMod default for Jr College	27.49	11.23	1.21
Adjusted trip rate for Existing	10.35	4.23	0.46
Adjusted trip rate for FMP	9.89	4.04	0.44

CalEEMod default energy use	**Title 24 Electricity**	**Lighting**	**Title 24 Nat gas**
Daycare	1.56	2.55	0.93
Jr College	2.73	2.91	3.3
Parking	0	1.75	0
Non-Residential % savings over Title 24 (2016) =	10.7%	0.0%	1.0%
Adjusted Energy use	**Title 24 Electricity**	**Lighting**	**Title 24 Nat gas**
Daycare	1.39308	2.55	0.9207
Jr College	2.43789	2.91	3.267
Parking	0	1.75	0

Only electricity emissions were estimated in CalEEMod. Natural gas emissions estimated separately based on existing and projected usage natural gas usage rates from the SJCC Utilities Master Plan and emission factors for natural gas combustion from CalEEMod

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Construction Emissions Calculations
Criteria Air Pollutants and Greenhouse Gases

San Jose City College FMP

CONSTRUCTION EMISSIONS SUMMARY

UNCONTROLLED CONSTRUCTION EMISSIONS - Criteria Air Pollutants

Project Building	Year	No. of Construction Wokdays	Tons over Construction Duration in the Yea				Average Pounds per day			
			ROG	NOx	Exhaust PM_{10}	Exhaust $PM_{2.5}$	ROG	NOx	Exhaust PM_{10}	Exhaust $PM_{2.5}$
Renovation of Student Center	2021	44	0.01	0.12	0.01	0.01	0.6	5.5	0.3	0.2
Renovation of Central Plant	2021	154	0.04	0.40	0.02	0.02	0.6	5.2	0.2	0.2
Renovation of Central Plant	2022	42	0.01	0.10	0.00	0.00	0.5	4.6	0.2	0.2
Renovation of Jaguar Multicultural Center	2022	22	0.01	0.05	0.00	0.00	0.5	4.8	0.2	0.2
Renovation of Jaguar Multicultural Center	2023	152	0.04	0.33	0.01	0.01	0.5	4.3	0.2	0.2
Renovation of Reprographics & Cosmetology	2024	152	0.03	0.31	0.01	0.01	0.4	4.0	0.2	0.2
Renovation of Reprographics & Cosmetology	2025	23	0.00	0.04	0.00	0.00	0.4	3.7	0.2	0.1
Renovation of Technology Center	2025	66	0.02	0.12	0.01	0.00	0.5	3.7	0.2	0.1
Renovation of Technology Center	2026	65	0.02	0.12	0.00	0.00	0.5	3.7	0.2	0.1
Demolition of Applied Sciences Bldg D	2021	44	0.04	0.44	0.02	0.02	2.0	19.8	1.0	1.0
Renovation of CTE 200 Building	2022	133	0.04	0.32	0.01	0.01	0.5	4.8	0.2	0.2
Construction of Career Technology Education Building	2022	153	0.14	1.21	0.05	0.04	1.8	15.8	0.6	0.6
Construction of Career Technology Education Building	2023	260	0.22	1.73	0.07	0.07	1.7	13.3	0.5	0.5
Construction of Career Technology Education Building	2024	45	0.65	0.10	0.00	0.00	29.0	4.3	0.2	0.2
Demolition of Business and General Education Bldgs	2026	195	0.13	1.28	0.05	0.05	1.4	13.2	0.5	0.5
Construction of Business/GE Complex	2027	240	0.19	1.69	0.06	0.05	1.6	14.1	0.5	0.5
Construction of Business/GE Complex	2028	150	0.65	0.86	0.03	0.03	8.7	11.4	0.4	0.4
Demolition of CTE 100 Bldg	2026	44	0.05	0.44	0.02	0.02	2.1	19.8	0.9	0.8
Construction of Child Development Center, Aquatic Center, Parking Garage	2026	261	0.22	2.14	0.07	0.07	1.7	16.4	0.6	0.5
Construction of Child Development Center, Aquatic Center, Parking Garage	2027	261	0.21	1.95	0.07	0.07	1.6	14.9	0.5	0.5
Construction of Child Development Center, Aquatic Center, Parking Garage	2028	247	0.32	1.31	0.05	0.05	2.6	10.6	0.4	0.4
Demolition, Renovation & New Addition to Theater	2029	143	0.23	0.46	0.02	0.02	3.3	6.4	0.3	0.2
PROJECT TOTAL		1893	4.9	15.5	0.6	0.6	5.1	16.4	0.6	0.6

MITIGATED CONSTRUCTION EMISSIONS With TIER 4F EQUIPMENT - Criteria Air Pollutants

Project Building	Year	No. of Construction Wokdays	Tons over Construction Duration in the Yea				Average Pounds per day			
			ROG	NOx	Exhaust PM_{10}	Exhaust $PM_{2.5}$	ROG	NOx	Exhaust PM_{10}	Exhaust $PM_{2.5}$
Renovation of Student Center	2021	44	0.00	0.02	0.00	0.00	0.2	0.8	0.01	0.01
Renovation of Central Plant	2021	154	0.01	0.09	0.00	0.00	0.1	1.2	0.01	0.01
Renovation of Central Plant	2022	42	0.00	0.03	0.00	0.00	0.1	1.2	0.01	0.01
Renovation of Jaguar Multicultural Center	2022	22	0.00	0.01	0.00	0.00	0.1	0.8	0.01	0.01
Renovation of Jaguar Multicultural Center	2023	152	0.01	0.05	0.00	0.00	0.1	0.7	0.01	0.01
Renovation of Reprographics & Cosmetology	2024	152	0.01	0.05	0.00	0.00	0.1	0.6	0.01	0.01
Renovation of Reprographics & Cosmetology	2025	23	0.00	0.01	0.00	0.00	0.1	0.6	0.01	0.01
Renovation of Technology Center	2025	66	0.01	0.02	0.00	0.00	0.2	0.7	0.01	0.01
Renovation of Technology Center	2026	65	0.01	0.02	0.00	0.00	0.2	0.7	0.01	0.01
Demolition of Applied Sciences Bldg D	2021	44	0.01	0.03	0.00	0.00	0.3	1.3	0.04	0.04
Renovation of CTE 200 Building	2022	133	0.01	0.05	0.00	0.00	0.1	0.8	0.01	0.01
Construction of Career Technology Education Building	2022	153	0.04	0.51	0.00	0.00	0.5	6.7	0.04	0.04
Construction of Career Technology Education Building	2023	260	0.06	0.69	0.00	0.00	0.5	5.3	0.03	0.03
Construction of Career Technology Education Building	2024	45	0.64	0.02	0.00	0.00	28.6	0.8	0.01	0.01
Demolition of Business and General Education Bldgs	2026	195	0.03	0.14	0.00	0.00	0.3	1.5	0.04	0.04
Construction of Business/GE Complex	2027	240	0.06	0.70	0.00	0.00	0.5	5.8	0.04	0.04
Construction of Business/GE Complex	2028	150	0.57	0.31	0.00	0.00	7.7	4.2	0.03	0.03
Demolition of CTE 100 Bldg	2026	44	0.01	0.06	0.00	0.00	0.5	2.6	0.06	0.06
Construction of Child Development Center, Aquatic Center, Parking Garage	2026	261	0.08	0.68	0.01	0.01	0.6	5.2	0.05	0.05
Construction of Child Development Center, Aquatic Center, Parking Garage	2027	261	0.08	0.61	0.01	0.01	0.6	4.7	0.05	0.05
Construction of Child Development Center, Aquatic Center, Parking Garage	2028	247	0.22	0.37	0.00	0.00	1.8	3.0	0.04	0.03
Demolition, Renovation & New Addition to Theater	2029	143	0.20	0.08	0.00	0.00	2.8	1.2	0.02	0.02
PROJECT TOTAL		1893	3.6	4.6	0.0	0.0	3.8	4.8	0.05	0.05

Architectural Emissions from Renovation

EF C / 454(g/lb) 3.785(L /Gal)/180(sqft)

E_{AC} = EF_{AC} x F x A_{paint}

A_{paint} for non-residential uses = 2 x floor area (sqft)

F = 75% for interior area

25% for exterior area

EF_{AC} = C_{VOC}/454 (g/lb) x 3.785 (L/gal)/180 (sqft)

For the renovation areas in Phase 1a and 2c,

Non-residential Interior C_{VOC} = 100 g/L

Non-residential Exterior C_{VOC} = 150 g/L

Interior F x A = 450308 sqft

Exterior F x A 150103 sqft

Interior EF_{AC} = 0.0046

Exterior EF_{AC} = 0.0069

Interior E_{AC} = 2085.68 lbs total for renovated buildings

Exterior E_{AC} = 1042.84 lbs total for renovated buildings

Total VOC = 3128.52 lbs

1.5642594 tons

San Jose City College FMP 1/26/2021

CONSTRUCTION EMISSIONS - Greenhouse Gases

Project Component	Year	Metric tons per year			
		CO_2	CH_4	N_2O	CO_2e
Renovation of Student Center	2021	21.3	3.71E-03	0.000	21.4
Renovation of Central Plant	2021	59.3	1.28E-02	0.000	59.6
Renovation of Central Plant	2022	16.1	3.46E-03	0.000	16.2
Renovation of Jaguar Multicultural Center	2022	9.6	1.82E-03	0.000	9.7
Renovation of Jaguar Multicultural Center	2023	65.8	1.24E-02	0.000	66.1
Renovation of Reprographics & Cosmetology	2024	64.6	1.24E-02	0.000	64.9
Renovation of Reprographics & Cosmetology	2025	9.7	1.86E-03	0.000	9.8
Renovation of Technology Center	2025	31.8	5.43E-03	0.000	32.0
Renovation of Technology Center	2026	31.1	5.33E-03	0.000	31.2
Demolition of Applied Sciences Bldg D	2021	48.7	1.20E-02	0.000	49.0
Renovation of CTE 200 Building	2022	59.4	1.11E-02	0.000	59.6
Construction of Career Technology Education Building	2022	227.2	2.83E-02	0.000	227.9
Construction of Career Technology Education Building	2023	342.0	4.33E-02	0.000	343.1
Construction of Career Technology Education Building	2024	21.1	4.55E-03	0.000	21.2
Demolition of Business and General Education Bldgs	2026	223.5	5.25E-02	0.000	224.9
Construction of Business/GE Complex	2027	373.4	5.18E-02	0.000	374.7
Construction of Business/GE Complex	2028	176.7	2.78E-02	0.000	177.4
Demolition of CTE 100 Bldg	2026	82.5	2.12E-02	0.000	83.0
Construction of Child Development Center, Aquatic Center, Parking Garage	2026	511.7	8.45E-02	0.000	513.8
Construction of Child Development Center, Aquatic Center, Parking Garage	2027	469.8	7.58E-02	0.000	471.7
Construction of Child Development Center, Aquatic Center, Parking Garage	2028	315.3	5.60E-02	0.000	316.7
Demolition, Renovation & New Addition to Theater	2029	97.5	2.35E-02	0.000	98.1
PROJECT TOTAL		3160.6	0.53	0.000	3271.9
Life of project (years)					30
Amortized annual emissions (metric tons/year)					109.1

CONSTRUCTION EMISSIONS - Greenhouse Gases

Construction Year	Metric tons per year			
	CO_2	CH_4	N_2O	CO_2e
2021	129.3	0.0	0.0	130.0
2022	312.3	0.0	0.0	313.4
2023	407.9	0.1	0.0	409.2
2024	85.7	0.0	0.0	86.1
2025	41.5	0.0	0.0	41.7
2026	848.8	0.2	0.0	852.8
2027	843.2	0.1	0.0	846.4
2028	492.0	0.1	0.0	494.1
2029	97.5	0.0	0.0	98.1
PROJECT TOTAL	3258.1	0.55	0.000	3271.9
Life of project (years)				30
Amortized annual emissions (metric tons/year)				109.1

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Construction Health Risk Assessment

San Jose City College FMP

AREA SOURCES FOR AERMOD - for off-site receptors

AERMOD Area Source	Year	Start Date	End Date	Calendar days	Unmitigated Emissions (tons per year)		Tier 4 Final (tons per year)	
					Exhaust PM_{10}	Exhaust $PM_{2.5}$	Exhaust PM_{10}	Exhaust $PM_{2.5}$
Area Source 1 - Renovation of Student Center and Jaguar Multicultural Center	2021	5/1/2021	7/1/2021	61	0.006	0.005	0.000	0.000
	2022	12/1/2022	12/31/2022	30	0.002	0.002	0.000	0.000
	2023	1/1/2023	8/1/2023	212	0.015	0.014	0.001	0.001
Area Source 2 - Renovation of Central Plant	2021	6/1/2021	12/31/2021	213	0.018	0.017	0.001	0.001
	2022	1/1/2022	3/1/2022	59	0.004	0.004	0.000	0.000
Area Source 3 - Demolition of Applied Science Bldg D, Renovation of CTE 200 & New Construction of CTE Bldg	2021	6/1/2021	8/1/2021	61	0.023	0.021	0.001	0.001
	2022	3/1/2022	12/31/2022	305	0.060	0.058	0.004	0.004
	2023	1/1/2023	12/31/2023	364	0.067	0.065	0.004	0.004
	2024	1/1/2024	3/1/2024	60	0.004	0.004	0.000	0.000
Area Source 4 - Renovation of Reprographics & Cosmetology	2024	6/1/2024	12/31/2024	213	0.013	0.012	0.001	0.001
	2025	1/1/2025	2/1/2025	31	0.002	0.002	0.000	0.000
Area Source 5 - Renovation of Technology Center	2025	10/1/2025	12/31/2025	91	0.005	0.005	0.000	0.000
	2026	1/1/2026	4/1/2026	90	0.005	0.005	0.000	0.000
Area Source 6 - Demolition of Business and General Education Blds & New Construction of Business/GE Complex	2026	1/1/2026	9/30/2026	272	0.053	0.050	0.004	0.004
	2027	2/1/2027	12/31/2027	333	0.057	0.054	0.005	0.005
	2028	1/1/2028	7/30/2028	211	0.031	0.030	0.003	0.003
Area Source 7 - Demolition of Bldg 100 and New Construction of Child Dev Center, Aquatic Center & Parking Structure	2026	1/1/2026	12/31/2026	364	0.09	0.09	0.008	0.008
	2027	1/1/2027	12/31/2027	364	0.07	0.07	0.006	0.006
	2028	1/1/2028	12/12/2028	346	0.05	0.05	0.004	0.004
Area Source 8 - Demolition, renovation & construction at Theater	2029	1/1/2029	7/18/2029	198	0.02	0.02	0.002	0.001
PROJECT TOTAL					0.6	0.6	0.05	0.04

AREA SOURCES FOR AERMOD - for on-site CDC receptors

AERMOD Area Source	Year	Start Date	End Date	Calendar days	Unmitigated Emissions (tons per year)		Tier 4 Final (tons per year)	
					Exhaust PM_{10}	Exhaust $PM_{2.5}$	Exhaust PM_{10}	Exhaust $PM_{2.5}$
Area Source 6 - New Construction of Business/GE Complex	2027	2/1/2027	12/31/2027	333	0.057	0.054	0.005	0.005
	2028	1/1/2028	7/30/2028	211	0.031	0.030	0.003	0.003
Area Source 7 - Demolition of Bldg 100 and New Construction of Aquatic Center & Parking Structure	2026	7/1/2026	12/31/2026	183	0.04	0.03	0.003	0.003
	2027	1/1/2027	12/31/2027	364	0.07	0.07	0.006	0.006
	2028	1/1/2028	12/12/2028	346	0.05	0.05	0.005	0.005
Area Source 8 - Demolition, renovation & construction at Theater	2029	1/1/2029	7/18/2029	198	0.02	0.02	0.002	0.001
TOTAL					0.3	0.3	0.02	0.02

San Jose City College FMP 1/15/2021

Cancer Risk & Hazard Index Calculations - Offsite Residential - Unmitigated

					Exposure Duration (Days)				DPM		$PM_{2.5}$	
				Start Date	1/1/2026	4/2/2026	4/2/2028					
				Stop Date	4/1/2026	4/1/2028			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Source	Year	Start Date	End Date	Calendar Days	3rd Trimester	0<2	2<9	Exposure Duration	Uncontrolled	Uncontrolled	Uncontrolled	Uncontrolled
Area Source 1	2021	5/1/2021	7/1/2021	61	0.00	0.00	0	0	0.01	0.003	0.01	0.003
Area Source 1	2022	12/1/2022	12/31/2022	30	0	0	0	0	0.00	0.002	0.00	0.002
Area Source 1	2023	1/1/2023	8/1/2023	212	0	0	0	0	0.01	0.002	0.01	0.002
Area Source 2	2021	6/1/2021	12/31/2021	213	0	0	0	0	0.02	0.003	0.02	0.002
Area Source 2	2022	1/1/2022	3/1/2022	59	0	0	0	0	0.00	0.002	0.00	0.002
Area Source 3	2021	6/1/2021	8/1/2021	61	0	0	0	0	0.02	0.009	0.02	0.008
Area Source 3	2022	3/1/2022	12/31/2022	305	0	0	0	0	0.06	0.005	0.06	0.004
Area Source 3	2023	1/1/2023	12/31/2023	364	0	0	0	0	0.07	0.004	0.07	0.004
Area Source 3	2024	1/1/2024	3/1/2024	60	0	0	0	0	0.00	0.002	0.00	0.002
Area Source 4	2024	6/1/2024	12/31/2024	213	0	0	0	0	0.01	0.002	0.01	0.002
Area Source 4	2025	1/1/2025	2/1/2025	31	0	0	0	0	0.00	0.002	0.00	0.002
Area Source 5	2025	10/1/2025	12/31/2025	91	0	0	0	0	0.01	0.002	0.00	0.002
Area Source 5	2026	1/1/2026	4/1/2026	90	90	0	0	90	0.00	0.002	0.00	0.002
Area Source 6	2026	1/1/2026	9/30/2026	272	90	181	1	272	0.05	0.005	0.05	0.004
Area Source 6	2027	2/1/2027	12/31/2027	333	0	333	0	333	0.06	0.004	0.05	0.004
Area Source 6	2028	1/1/2028	7/30/2028	211	0	91	120	211	0.03	0.003	0.03	0.003
Area Source 7	2026	1/1/2026	12/31/2026	364	90	273	1	364	0.09	0.008	0.09	0.007
Area Source 7	2027	1/1/2027	12/31/2027	364	0	364	0	364	0.07	0.006	0.07	0.005
Area Source 7	2028	1/1/2028	12/12/2028	346	0	91	255	346	0.05	0.004	0.05	0.004
Area Source 8	2029	1/1/2029	7/18/2029	198	0	0	198	198	0.02	0.002	0.02	0.002

Cancer Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<9
Daily Breathing Rate	DBR	L/kg-day	361	1090	631
Fraction Of Time At Home	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February.

Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).

Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.

Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	µg/m^3	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Source	3rd Trimester	0<2	2<9
Area Source 1	0.000	0.000	0.000
Area Source 1	0.000	0.000	0.000
Area Source 1	0.000	0.000	0.000
Area Source 2	0.000	0.000	0.000
Area Source 2	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 4	0.000	0.000	0.000
Area Source 4	0.000	0.000	0.000
Area Source 5	0.000	0.000	0.000
Area Source 5	0.012	0.000	0.000
Area Source 6	0.012	0.074	0.000
Area Source 6	0.000	0.136	0.000
Area Source 6	0.000	0.037	0.009
Area Source 7	0.012	0.112	0.000
Area Source 7	0.000	0.149	0.000
Area Source 7	0.000	0.037	0.018
Area Source 8	0.000	0.000	0.014

Risk Calculation Part 1, R1 = IF*CPF*CF

3rd Trimester	0<2	2<9
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
1.34E-05	0.00E+00	0.00E+00
1.34E-05	8.14E-05	7.81E-08
0.00E+00	1.50E-04	0.00E+00
0.00E+00	4.09E-05	9.38E-06
1.34E-05	1.23E-04	7.81E-08
0.00E+00	1.64E-04	0.00E+00
0.00E+00	4.09E-05	1.99E-05
0.00E+00	0.00E+00	1.55E-05

	Cancer Risk	UTM X	UTM Y
MAX UNMITIGATED	76.84	595010.33	4130151.74

HI	UTM X	UTM Y
0.05	595010.33	4130151.74

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.25	595010.33	4130151.74

$PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																				PM2.5 Conc.
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	µg/m3
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029	Max. Annual
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
595010.33	4130151.74	0.001	0.001	0.000	0.000	0.000	0.125	0.068	0.064	0.024	0.014	0.013	0.005	0.005	0.004	0.003	0.003	0.242	0.181	0.135	0.001	0.250

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																				Risk Calculation Part 2				
																						Cancer Risk = ∑R1*C_{DPM}				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594461.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.41E-08	6.21E-07	2.70E-08	0.6817751	0.001
594481.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.68E-08	6.71E-07	2.91E-08	0.7373548	0.001
594501.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.00E-08	7.30E-07	3.16E-08	0.801222	0.001
594521.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.37E-08	7.97E-07	3.44E-08	0.8754593	0.001
594541.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000	4.80E-08	8.76E-07	3.77E-08	0.9614372	0.001
594561.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.31E-08	9.68E-07	4.16E-08	1.0628081	0.001
594421.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.27E-08	5.90E-07	2.57E-08	0.6487146	0.000
594441.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.51E-08	6.36E-07	2.77E-08	0.6993275	0.001
594461.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.77E-08	6.86E-07	2.98E-08	0.7532031	0.001
594481.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.09E-08	7.45E-07	3.23E-08	0.8181522	0.001
594501.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.44E-08	8.10E-07	3.51E-08	0.8899213	0.001
594521.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000	4.86E-08	8.89E-07	3.84E-08	0.9762824	0.001
594541.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.37E-08	9.81E-07	4.22E-08	1.0770797	0.001
594561.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.004	0.003	0.002	0.000	5.97E-08	1.09E-06	4.68E-08	1.1977537	0.001
594581.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.76E-08	1.23E-06	5.27E-08	1.3519873	0.001
594421.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.58E-08	6.45E-07	2.81E-08	0.7087482	0.001
594441.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.86E-08	6.98E-07	3.04E-08	0.7668637	0.001
594461.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.18E-08	7.58E-07	3.29E-08	0.8331312	0.001
594481.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.53E-08	8.25E-07	3.57E-08	0.9056809	0.001
594501.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	4.95E-08	9.03E-07	3.90E-08	0.9914402	0.001
594521.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.44E-08	9.94E-07	4.29E-08	1.0916356	0.001
594541.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.004	0.003	0.002	0.000	6.02E-08	1.10E-06	4.74E-08	1.2093719	0.001
594561.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.76E-08	1.24E-06	5.30E-08	1.3570938	0.001
594581.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.005	0.003	0.003	0.000	7.71E-08	1.40E-06	6.00E-08	1.5390521	0.001
594421.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.93E-08	7.05E-07	3.07E-08	0.7747597	0.001
594441.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.25E-08	7.65E-07	3.33E-08	0.8411935	0.001
594461.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.001	0.000	4.62E-08	8.35E-07	3.62E-08	0.9172218	0.001
594481.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.04E-08	9.15E-07	3.96E-08	1.004612	0.001
594501.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.53E-08	1.01E-06	4.35E-08	1.1053449	0.001
594521.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.09E-08	1.11E-06	4.79E-08	1.2204048	0.001
594561.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.005	0.003	0.003	0.000	7.70E-08	1.40E-06	6.01E-08	1.5380706	0.001
594581.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.73E-08	1.59E-06	6.80E-08	1.7441296	0.001
594421.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.002	0.001	0.000	4.31E-08	7.69E-07	3.35E-08	0.8460451	0.001
594441.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.001	0.000	4.68E-08	8.38E-07	3.64E-08	0.9212415	0.001
594461.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.10E-08	9.17E-07	3.98E-08	1.0077021	0.001
594421.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.001	0.000	4.71E-08	8.38E-07	3.65E-08	0.9214917	0.001
594441.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.13E-08	9.15E-07	3.97E-08	1.0060058	0.001
594461.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.61E-08	1.00E-06	4.35E-08	1.103146	0.001
594421.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.14E-08	9.10E-07	3.96E-08	1.0007048	0.001
594441.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.61E-08	9.95E-07	4.32E-08	1.0940844	0.001
594461.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.15E-08	1.09E-06	4.74E-08	1.2018885	0.001
594361.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.46E-08	1.17E-06	5.21E-08	1.2989636	0.001
594381.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	8.12E-08	1.26E-06	5.58E-08	1.3946551	0.001
594401.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	8.86E-08	1.35E-06	5.99E-08	1.4986082	0.001
594261.22	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.52E-09	9.82E-08	4.33E-09	0.1080298	0.000
594281.44	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-09	9.95E-08	4.38E-09	0.1095179	0.000
594301.66	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.71E-09	1.01E-07	4.44E-09	0.1110436	0.000
594321.88	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.80E-09	1.02E-07	4.50E-09	0.1124495	0.000
594342.1	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.90E-09	1.03E-07	4.56E-09	0.1139185	0.000
594362.32	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.00E-09	1.05E-07	4.62E-09	0.1153143	0.000
594382.54	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.10E-09	1.06E-07	4.68E-09	0.1166845	0.000
594402.76	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.28E-09	1.09E-07	4.80E-09	0.1197154	0.000
594422.98	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-09	1.10E-07	4.87E-09	0.1213796	0.000
594443.2	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.53E-09	1.12E-07	4.96E-09	0.1232368	0.000
594261.22	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.81E-09	1.04E-07	4.57E-09	0.1140014	0.000
594281.44	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.92E-09	1.05E-07	4.64E-09	0.1158815	0.000
594301.66	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.03E-09	1.07E-07	4.70E-09	0.1176627	0.000
594321.88	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.13E-09	1.08E-07	4.77E-09	0.1193444	0.000
594342.1	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.24E-09	1.10E-07	4.83E-09	0.1209407	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594362.32	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.37E-09	1.12E-07	4.92E-09	0.123001	0.000
594382.54	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.55E-09	1.14E-07	5.04E-09	0.1260192	0.000
594402.76	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.68E-09	1.16E-07	5.12E-09	0.1279999	0.000
594422.98	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.82E-09	1.18E-07	5.20E-09	0.1299533	0.000
594443.2	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.96E-09	1.20E-07	5.29E-09	0.1319371	0.000
594261.22	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.12E-09	1.09E-07	4.82E-09	0.1202572	0.000
594281.44	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.23E-09	1.11E-07	4.89E-09	0.1222912	0.000
594301.66	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.36E-09	1.13E-07	4.98E-09	0.1245306	0.000
594321.88	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-09	1.15E-07	5.06E-09	0.126672	0.000
594342.1	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.62E-09	1.17E-07	5.14E-09	0.1287267	0.000
594362.32	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.83E-09	1.20E-07	5.28E-09	0.1324369	0.000
594382.54	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.90E-09	1.21E-07	5.31E-09	0.1331969	0.000
594402.76	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.12E-09	1.24E-07	5.46E-09	0.1368925	0.000
594422.98	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.19E-09	1.25E-07	5.49E-09	0.1373804	0.000
594443.2	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.43E-09	1.28E-07	5.66E-09	0.1415508	0.000
594261.22	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.86E-09	1.23E-07	5.44E-09	0.1355657	0.000
594281.44	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.95E-09	1.24E-07	5.48E-09	0.1369034	0.000
594301.66	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-09	1.27E-07	5.59E-09	0.1397558	0.000
594321.88	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.27E-09	1.30E-07	5.69E-09	0.1426675	0.000
594342.1	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-09	1.32E-07	5.81E-09	0.1457396	0.000
594362.32	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.71E-09	1.37E-07	5.99E-09	0.1505808	0.000
594382.54	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	1.40E-07	6.12E-09	0.1537405	0.000
594402.76	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.10E-09	1.43E-07	6.25E-09	0.1571003	0.000
594422.98	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.31E-09	1.46E-07	6.38E-09	0.1603509	0.000
594443.2	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.52E-09	1.49E-07	6.51E-09	0.1637352	0.000
594463.42	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.75E-09	1.52E-07	6.65E-09	0.167231	0.000
594483.64	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.98E-09	1.55E-07	6.80E-09	0.1707718	0.000
594503.86	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.23E-09	1.58E-07	6.96E-09	0.1745862	0.000
594524.08	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.50E-09	1.62E-07	7.13E-09	0.1785405	0.000
594544.3	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.79E-09	1.66E-07	7.32E-09	0.1827948	0.000
594564.52	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.01E-08	1.70E-07	7.52E-09	0.1875704	0.000
594584.74	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.05E-08	1.75E-07	7.75E-09	0.1929005	0.000
594604.96	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.09E-08	1.80E-07	8.02E-09	0.1991295	0.000
594625.18	4129849.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.14E-08	1.87E-07	8.34E-09	0.2064363	0.000
594261.22	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.23E-09	1.30E-07	5.74E-09	0.1430854	0.000
594281.44	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.41E-09	1.33E-07	5.87E-09	0.146501	0.000
594301.66	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.51E-09	1.35E-07	5.92E-09	0.1479862	0.000
594321.88	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.78E-09	1.39E-07	6.12E-09	0.1533294	0.000
594342.1	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.90E-09	1.41E-07	6.18E-09	0.1550568	0.000
594362.32	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.19E-09	1.46E-07	6.39E-09	0.1604938	0.000
594382.54	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.41E-09	1.49E-07	6.53E-09	0.1643827	0.000
594402.76	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.65E-09	1.53E-07	6.68E-09	0.168299	0.000
594422.98	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.88E-09	1.57E-07	6.84E-09	0.17223	0.000
594443.2	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.14E-09	1.60E-07	7.00E-09	0.1763632	0.000
594463.42	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.40E-09	1.64E-07	7.16E-09	0.1804571	0.000
594483.64	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.67E-09	1.68E-07	7.34E-09	0.1847433	0.000
594503.86	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	9.96E-09	1.72E-07	7.52E-09	0.1891774	0.000
594524.08	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.03E-08	1.76E-07	7.72E-09	0.1938422	0.000
594544.3	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.06E-08	1.80E-07	7.93E-09	0.1988217	0.000
594564.52	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.10E-08	1.85E-07	8.16E-09	0.2042072	0.000
594584.74	4129869.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.14E-08	1.90E-07	8.41E-09	0.2101159	0.000
594604.96	4129869.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.18E-08	1.96E-07	8.70E-09	0.2168486	0.000
594625.18	4129869.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.24E-08	2.04E-07	9.05E-09	0.2249874	0.000
594261.22	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.63E-09	1.37E-07	6.07E-09	0.1511503	0.000
594281.44	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.83E-09	1.41E-07	6.21E-09	0.1549575	0.000
594301.66	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-09	1.44E-07	6.35E-09	0.1588415	0.000
594321.88	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.26E-09	1.48E-07	6.51E-09	0.1629771	0.000
594342.1	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.48E-09	1.52E-07	6.66E-09	0.1671121	0.000
594362.32	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.72E-09	1.56E-07	6.82E-09	0.1713846	0.000
594382.54	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.97E-09	1.60E-07	6.99E-09	0.1758403	0.000
594402.76	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.24E-09	1.64E-07	7.16E-09	0.1804025	0.000
594422.98	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.51E-09	1.68E-07	7.34E-09	0.1850699	0.000
594443.2	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	9.81E-09	1.73E-07	7.53E-09	0.1900516	0.000
594463.42	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.01E-08	1.77E-07	7.73E-09	0.1950619	0.000
594483.64	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.04E-08	1.82E-07	7.93E-09	0.2001581	0.000
594503.86	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.08E-08	1.87E-07	8.15E-09	0.2055402	0.000
594524.08	4129889.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.11E-08	1.91E-07	8.37E-09	0.2109559	0.000
594544.3	4129889.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.15E-08	1.97E-07	8.62E-09	0.216903	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594564.52	4129889.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.19E-08	2.02E-07	8.88E-09	0.2230056	0.000
594584.74	4129889.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.23E-08	2.08E-07	9.15E-09	0.2294946	0.000
594301.66	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.00E-09	1.62E-07	7.15E-09	0.1784895	0.000
594321.88	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.27E-09	1.67E-07	7.35E-09	0.1837434	0.000
594342.1	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.56E-09	1.72E-07	7.55E-09	0.1891542	0.000
594362.32	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	9.87E-09	1.77E-07	7.77E-09	0.1950203	0.000
594422.98	4129929.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.09E-08	1.94E-07	8.47E-09	0.2138625	0.000
594443.2	4129929.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.13E-08	2.01E-07	8.73E-09	0.2206708	0.000
594301.66	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.53E-09	1.72E-07	7.59E-09	0.1892418	0.000
594321.88	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	9.84E-09	1.78E-07	7.82E-09	0.1952375	0.000
594342.1	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.02E-08	1.83E-07	8.04E-09	0.2014225	0.000
594362.32	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.05E-08	1.89E-07	8.29E-09	0.2080936	0.000
594402.76	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.13E-08	2.02E-07	8.82E-09	0.2223394	0.000
594422.98	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.17E-08	2.09E-07	9.11E-09	0.2299703	0.000
594443.2	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.21E-08	2.16E-07	9.41E-09	0.2379523	0.000
594463.42	4129949.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.26E-08	2.24E-07	9.72E-09	0.2462296	0.000
594402.76	4129969.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.21E-08	2.17E-07	9.47E-09	0.2384965	0.000
594422.98	4129969.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.25E-08	2.25E-07	9.80E-09	0.2473596	0.000
594443.2	4129969.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.31E-08	2.33E-07	1.01E-08	0.2566046	0.000
594463.42	4129969.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.36E-08	2.42E-07	1.05E-08	0.2664142	0.000
594261.22	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.01E-08	1.81E-07	8.05E-09	0.1995079	0.000
594281.44	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.04E-08	1.88E-07	8.31E-09	0.2062877	0.000
594301.66	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.07E-08	1.94E-07	8.58E-09	0.213494	0.000
594321.88	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.11E-08	2.01E-07	8.86E-09	0.2210227	0.000
594342.1	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.15E-08	2.08E-07	9.17E-09	0.2291724	0.000
594362.32	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.20E-08	2.16E-07	9.49E-09	0.2377589	0.000
594422.98	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.35E-08	2.42E-07	1.06E-08	0.2662649	0.000
594443.2	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.41E-08	2.52E-07	1.10E-08	0.2770667	0.000
594463.42	4129989.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.47E-08	2.62E-07	1.14E-08	0.2885091	0.000
594342.1	4130009.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.23E-08	2.23E-07	9.80E-09	0.2446503	0.000
594362.32	4130009.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.28E-08	2.31E-07	1.02E-08	0.2542751	0.000
594382.54	4130009.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.33E-08	2.41E-07	1.05E-08	0.2646448	0.000
594422.98	4130009.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.45E-08	2.62E-07	1.14E-08	0.28746	0.000
594342.1	4130029.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.32E-08	2.39E-07	1.05E-08	0.2626882	0.000
594362.32	4130029.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.37E-08	2.49E-07	1.09E-08	0.2735534	0.000
594382.54	4130029.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.43E-08	2.59E-07	1.14E-08	0.2851008	0.000
594422.98	4130029.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.56E-08	2.82E-07	1.23E-08	0.3102422	0.000
594321.88	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.36E-08	2.45E-07	1.08E-08	0.2696165	0.000
594342.1	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.41E-08	2.56E-07	1.13E-08	0.2810158	0.000
594362.32	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.47E-08	2.67E-07	1.17E-08	0.293323	0.000
594382.54	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.54E-08	2.79E-07	1.22E-08	0.3063338	0.000
594422.98	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.68E-08	3.05E-07	1.33E-08	0.3348449	0.000
594443.2	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.77E-08	3.20E-07	1.39E-08	0.3513704	0.000
594463.42	4130049.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.86E-08	3.36E-07	1.46E-08	0.3694241	0.000
594443.2	4130089.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.09E-08	3.79E-07	1.65E-08	0.416125	0.000
594463.42	4130089.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.21E-08	4.01E-07	1.74E-08	0.4400921	0.000
594321.88	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.66E-08	2.98E-07	1.32E-08	0.3282083	0.000
594342.1	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.74E-08	3.13E-07	1.38E-08	0.3444861	0.000
594362.32	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.83E-08	3.31E-07	1.46E-08	0.3642599	0.000
594402.76	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.03E-08	3.68E-07	1.61E-08	0.4044277	0.000
594422.98	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.14E-08	3.89E-07	1.70E-08	0.4271225	0.000
594443.2	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.27E-08	4.12E-07	1.79E-08	0.452669	0.000
594463.42	4130109.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.41E-08	4.38E-07	1.90E-08	0.4807104	0.000
594321.88	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.79E-08	3.21E-07	1.42E-08	0.3535215	0.000
594342.1	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.88E-08	3.38E-07	1.49E-08	0.3719504	0.000
594362.32	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.98E-08	3.57E-07	1.57E-08	0.3926215	0.000
594402.76	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.19E-08	3.98E-07	1.74E-08	0.4372308	0.000
594422.98	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.31E-08	4.20E-07	1.84E-08	0.4613489	0.000
594443.2	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.47E-08	4.49E-07	1.96E-08	0.4932214	0.000
594463.42	4130129.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.63E-08	4.79E-07	2.08E-08	0.5262978	0.000
594321.88	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.93E-08	3.45E-07	1.52E-08	0.3794521	0.000
594342.1	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.03E-08	3.64E-07	1.60E-08	0.4002835	0.000
594362.32	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.14E-08	3.85E-07	1.69E-08	0.4233258	0.000
594422.98	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.51E-08	4.56E-07	1.99E-08	0.5006183	0.000
594443.2	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.68E-08	4.87E-07	2.13E-08	0.5353896	0.000
594463.42	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.87E-08	5.22E-07	2.27E-08	0.5734314	0.000
594483.64	4130149.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.09E-08	5.63E-07	2.44E-08	0.6184435	0.000
594503.86	4130149.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.34E-08	6.07E-07	2.63E-08	0.6668386	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594524.08	4130149.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.61E-08	6.57E-07	2.83E-08	0.7212293	0.001
594544.3	4130149.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.94E-08	7.14E-07	3.07E-08	0.7844636	0.001
594564.52	4130149.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.32E-08	7.82E-07	3.35E-08	0.8583553	0.001
594584.74	4130149.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000	4.78E-08	8.59E-07	3.68E-08	0.9438449	0.001
594301.66	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.97E-08	3.51E-07	1.55E-08	0.3862434	0.000
594321.88	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.08E-08	3.71E-07	1.64E-08	0.4076386	0.000
594342.1	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.19E-08	3.92E-07	1.73E-08	0.4309363	0.000
594362.32	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.32E-08	4.15E-07	1.83E-08	0.4565045	0.000
594422.98	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.73E-08	4.96E-07	2.17E-08	0.5446365	0.000
594443.2	4130169.7	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.92E-08	5.31E-07	2.32E-08	0.5836747	0.000
594463.42	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.13E-08	5.71E-07	2.48E-08	0.6273988	0.000
594483.64	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.38E-08	6.16E-07	2.67E-08	0.6768967	0.001
594503.86	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.66E-08	6.68E-07	2.89E-08	0.7339	0.001
594524.08	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.99E-08	7.28E-07	3.14E-08	0.7989434	0.001
594544.3	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.38E-08	7.96E-07	3.43E-08	0.874476	0.001
594564.52	4130169.7	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000	4.85E-08	8.81E-07	3.78E-08	0.9667886	0.001
594790.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.19E-08	1.88E-07	8.54E-09	0.2082455	0.000
594810.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.29E-08	2.05E-07	9.28E-09	0.2267112	0.000
594830.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.40E-08	2.24E-07	1.01E-08	0.2477401	0.000
594850.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.52E-08	2.45E-07	1.11E-08	0.2716555	0.000
594870.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.67E-08	2.70E-07	1.22E-08	0.299245	0.000
594890.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.83E-08	3.00E-07	1.35E-08	0.3314454	0.000
594910.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.02E-08	3.33E-07	1.50E-08	0.3676689	0.000
594930.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.22E-08	3.69E-07	1.66E-08	0.4082015	0.000
594950.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.45E-08	4.11E-07	1.84E-08	0.45391	0.000
594970.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.71E-08	4.56E-07	2.04E-08	0.5038532	0.000
594990.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.98E-08	5.06E-07	2.26E-08	0.5584992	0.000
595010.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.28E-08	5.60E-07	2.49E-08	0.6179326	0.000
595030.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.61E-08	6.18E-07	2.75E-08	0.6820114	0.001
595050.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.93E-08	6.77E-07	3.00E-08	0.746846	0.001
595070.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.002	0.001	0.000	4.42E-08	7.67E-07	3.38E-08	0.8448413	0.001
595090.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.001	0.000	4.83E-08	8.41E-07	3.70E-08	0.9261016	0.001
594790.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.24E-08	1.97E-07	8.94E-09	0.2180484	0.000
594810.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.35E-08	2.15E-07	9.73E-09	0.2378673	0.000
594830.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.47E-08	2.35E-07	1.06E-08	0.2604151	0.000
594850.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.61E-08	2.59E-07	1.17E-08	0.2867165	0.000
594870.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.77E-08	2.86E-07	1.29E-08	0.3169681	0.000
594890.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.94E-08	3.18E-07	1.43E-08	0.3514604	0.000
594910.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.15E-08	3.54E-07	1.59E-08	0.3913031	0.000
594930.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.38E-08	3.95E-07	1.77E-08	0.4368269	0.000
594950.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.63E-08	4.41E-07	1.97E-08	0.4872688	0.000
594970.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.91E-08	4.92E-07	2.19E-08	0.542753	0.000
594990.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.22E-08	5.48E-07	2.44E-08	0.6041337	0.000
595010.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.56E-08	6.09E-07	2.71E-08	0.6716816	0.001
595030.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.92E-08	6.74E-07	2.99E-08	0.7428628	0.001
595050.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.002	0.001	0.000	4.30E-08	7.43E-07	3.28E-08	0.8184681	0.001
595090.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.30E-08	9.26E-07	4.07E-08	1.0197927	0.001
594790.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.30E-08	2.06E-07	9.35E-09	0.2283948	0.000
594810.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.42E-08	2.25E-07	1.02E-08	0.2498595	0.000
594830.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.55E-08	2.48E-07	1.12E-08	0.2747637	0.000
594850.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.71E-08	2.74E-07	1.24E-08	0.3036622	0.000
594870.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.88E-08	3.04E-07	1.37E-08	0.3367525	0.000
594890.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.07E-08	3.39E-07	1.52E-08	0.374617	0.000
594910.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.30E-08	3.79E-07	1.70E-08	0.4190663	0.000
594930.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.55E-08	4.25E-07	1.90E-08	0.4691304	0.000
594950.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.84E-08	4.77E-07	2.13E-08	0.5262956	0.000
594970.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.15E-08	5.34E-07	2.38E-08	0.589003	0.000
594990.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.49E-08	5.95E-07	2.64E-08	0.6561646	0.001
595010.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.87E-08	6.63E-07	2.94E-08	0.7315728	0.001
595050.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.001	0.000	4.72E-08	8.17E-07	3.60E-08	0.9000479	0.001
595070.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.19E-08	9.03E-07	3.97E-08	0.9942232	0.001
595090.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.86E-08	1.03E-06	4.50E-08	1.1306057	0.001
594790.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.37E-08	2.17E-07	9.82E-09	0.2401454	0.000
594810.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.50E-08	2.38E-07	1.08E-08	0.2635286	0.000
594830.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.64E-08	2.62E-07	1.18E-08	0.2902632	0.000
594850.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.81E-08	2.91E-07	1.31E-08	0.3224573	0.000
594870.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.00E-08	3.24E-07	1.46E-08	0.3588781	0.000
594890.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.21E-08	3.62E-07	1.62E-08	0.400075	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594910.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.46E-08	4.06E-07	1.82E-08	0.4491779	0.000
594930.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.75E-08	4.58E-07	2.04E-08	0.5055902	0.000
595050.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.20E-08	9.02E-07	3.97E-08	0.9935141	0.001
595070.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.89E-08	1.03E-06	4.51E-08	1.1342832	0.001
595090.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	6.51E-08	1.15E-06	5.01E-08	1.2605571	0.001
595130.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.000	7.95E-08	1.41E-06	6.13E-08	1.5506491	0.001
595150.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.76E-08	1.56E-06	6.77E-08	1.7165704	0.001
595170.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.58E-08	1.71E-06	7.42E-08	1.883783	0.001
594790.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	1.45E-08	2.28E-07	1.03E-08	0.2528124	0.000
594810.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.58E-08	2.51E-07	1.13E-08	0.2779623	0.000
594830.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.74E-08	2.77E-07	1.25E-08	0.3071947	0.000
594850.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.92E-08	3.09E-07	1.39E-08	0.341673	0.000
594870.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.13E-08	3.45E-07	1.55E-08	0.3821438	0.000
594890.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.37E-08	3.88E-07	1.74E-08	0.4290726	0.000
594910.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.65E-08	4.38E-07	1.95E-08	0.4836215	0.000
594930.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.97E-08	4.96E-07	2.21E-08	0.5477214	0.000
594950.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.33E-08	5.61E-07	2.49E-08	0.618877	0.000
594970.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.73E-08	6.33E-07	2.81E-08	0.698472	0.001
594990.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.17E-08	7.13E-07	3.15E-08	0.7858958	0.001
595010.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.001	0.000	4.64E-08	8.00E-07	3.53E-08	0.8814711	0.001
595050.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.91E-08	1.03E-06	4.52E-08	1.1370102	0.001
595070.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	6.56E-08	1.15E-06	5.04E-08	1.2685742	0.001
595090.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.28E-08	1.29E-06	5.60E-08	1.4138891	0.001
595130.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.95E-08	1.59E-06	6.91E-08	1.7527848	0.001
595150.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.90E-08	1.77E-06	7.66E-08	1.9466992	0.001
595210.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.004	0.000	1.27E-07	2.29E-06	9.88E-08	2.5149064	0.002
595230.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.35E-07	2.46E-06	1.06E-07	2.6981408	0.002
595270.33	4129731.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.009	0.007	0.005	0.001	1.52E-07	2.77E-06	1.20E-07	3.0468491	0.002
595290.33	4129731.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.009	0.007	0.005	0.001	1.60E-07	2.92E-06	1.26E-07	3.20188	0.002
594470.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.22E-09	1.05E-07	4.68E-09	0.1155612	0.000
594490.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.35E-09	1.06E-07	4.75E-09	0.1171225	0.000
594510.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.49E-09	1.08E-07	4.84E-09	0.1190331	0.000
594530.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.66E-09	1.10E-07	4.95E-09	0.1213288	0.000
594550.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.89E-09	1.13E-07	5.10E-09	0.1246348	0.000
594570.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.14E-09	1.16E-07	5.26E-09	0.1281858	0.000
594590.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.44E-09	1.20E-07	5.45E-09	0.1325634	0.000
594790.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.53E-08	2.40E-07	1.09E-08	0.2664733	0.000
594810.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.68E-08	2.65E-07	1.20E-08	0.2940922	0.000
594830.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.85E-08	2.95E-07	1.33E-08	0.3262476	0.000
594850.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.05E-08	3.29E-07	1.48E-08	0.3646682	0.000
594870.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.28E-08	3.69E-07	1.65E-08	0.408593	0.000
594890.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.54E-08	4.17E-07	1.86E-08	0.4605651	0.000
594910.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.85E-08	4.72E-07	2.11E-08	0.5220597	0.000
594930.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.21E-08	5.37E-07	2.39E-08	0.5933356	0.000
594950.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.62E-08	6.11E-07	2.71E-08	0.6738386	0.001
594970.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.07E-08	6.93E-07	3.06E-08	0.7639833	0.001
594990.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.57E-08	7.85E-07	3.46E-08	0.8650364	0.001
595010.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.14E-08	8.87E-07	3.90E-08	0.9778449	0.001
595050.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	6.61E-08	1.16E-06	5.06E-08	1.2750092	0.001
595070.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.37E-08	1.30E-06	5.66E-08	1.4303007	0.001
595090.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.22E-08	1.46E-06	6.33E-08	1.6021067	0.001
595170.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.23E-07	2.22E-06	9.55E-08	2.4349748	0.002
595190.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.33E-07	2.41E-06	1.04E-07	2.6481877	0.002
595210.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.005	0.000	1.43E-07	2.60E-06	1.12E-07	2.8579807	0.002
595230.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.001	1.53E-07	2.78E-06	1.20E-07	3.0571745	0.002
595270.33	4129751.74	0.001	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.010	0.008	0.006	0.001	1.71E-07	3.12E-06	1.34E-07	3.4229702	0.003
595290.33	4129751.74	0.001	0.001	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001	1.78E-07	3.27E-06	1.41E-07	3.5843733	0.003
594470.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-09	1.15E-07	5.11E-09	0.126746	0.000
594490.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.77E-09	1.14E-07	5.08E-09	0.1256553	0.000
594510.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.10E-09	1.19E-07	5.32E-09	0.1313344	0.000
594530.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.11E-09	1.18E-07	5.29E-09	0.1302141	0.000
594550.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.54E-09	1.25E-07	5.60E-09	0.1377199	0.000
594570.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.59E-09	1.24E-07	5.59E-09	0.1368285	0.000
594590.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.88E-09	1.27E-07	5.78E-09	0.1410664	0.000
594790.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.62E-08	2.54E-07	1.15E-08	0.2812969	0.000
594810.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.78E-08	2.81E-07	1.26E-08	0.311121	0.000
594830.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.97E-08	3.13E-07	1.41E-08	0.3466606	0.000
594850.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.18E-08	3.50E-07	1.57E-08	0.3878648	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594870.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.44E-08	3.96E-07	1.77E-08	0.4383657	0.000
594890.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.74E-08	4.49E-07	2.00E-08	0.4969285	0.000
594910.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.19E-08	5.32E-07	2.36E-08	0.5874572	0.000
594930.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.61E-08	6.08E-07	2.69E-08	0.6707308	0.001
594950.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.08E-08	6.93E-07	3.06E-08	0.7643567	0.001
594970.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.61E-08	7.90E-07	3.48E-08	0.8707867	0.001
594990.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.08E-08	8.73E-07	3.84E-08	0.9623992	0.001
595010.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.003	0.002	0.002	0.000	5.86E-08	1.02E-06	4.46E-08	1.1220413	0.001
595050.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.43E-08	1.31E-06	5.70E-08	1.4400498	0.001
595070.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.34E-08	1.48E-06	6.42E-08	1.6251533	0.001
595090.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.32E-08	1.66E-06	7.20E-08	1.826107	0.001
595170.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.005	0.000	1.40E-07	2.54E-06	1.09E-07	2.7919621	0.002
595190.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.001	1.52E-07	2.76E-06	1.19E-07	3.0316019	0.002
595230.33	4129771.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.010	0.008	0.006	0.001	1.73E-07	3.17E-06	1.36E-07	3.4758681	0.003
595250.33	4129771.74	0.001	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001	1.82E-07	3.34E-06	1.43E-07	3.6695409	0.003
595270.33	4129771.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001	1.91E-07	3.51E-06	1.51E-07	3.8508104	0.003
595290.33	4129771.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.012	0.009	0.007	0.001	1.99E-07	3.66E-06	1.57E-07	4.0155864	0.003
594470.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.22E-09	1.23E-07	5.46E-09	0.1358681	0.000
594490.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.40E-09	1.25E-07	5.57E-09	0.1383648	0.000
594510.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.58E-09	1.28E-07	5.69E-09	0.1410068	0.000
594530.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.80E-09	1.30E-07	5.82E-09	0.1440487	0.000
594550.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.03E-09	1.33E-07	5.97E-09	0.1473262	0.000
594570.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.32E-09	1.37E-07	6.16E-09	0.1515889	0.000
594590.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.66E-09	1.41E-07	6.37E-09	0.1565226	0.000
594610.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.05E-09	1.47E-07	6.62E-09	0.1622946	0.000
594790.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.71E-08	2.68E-07	1.21E-08	0.2974497	0.000
594810.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.89E-08	2.98E-07	1.34E-08	0.3298061	0.000
594830.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.09E-08	3.33E-07	1.49E-08	0.3689982	0.000
594850.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.34E-08	3.76E-07	1.68E-08	0.4166637	0.000
594870.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.63E-08	4.26E-07	1.90E-08	0.4714594	0.000
594890.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.97E-08	4.87E-07	2.17E-08	0.5383464	0.000
594930.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.95E-08	6.66E-07	2.94E-08	0.7346641	0.001
594950.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.49E-08	7.64E-07	3.37E-08	0.8424805	0.001
594970.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.10E-08	8.77E-07	3.85E-08	0.9663575	0.001
594990.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.81E-08	1.01E-06	4.41E-08	1.1080057	0.001
595010.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.60E-08	1.15E-06	5.03E-08	1.2676586	0.001
595050.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.44E-08	1.49E-06	6.49E-08	1.6425517	0.001
595070.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.52E-08	1.69E-06	7.34E-08	1.8634653	0.001
595090.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.000	1.07E-07	1.92E-06	8.28E-08	2.1062277	0.002
595190.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.008	0.006	0.001	1.74E-07	3.18E-06	1.36E-07	3.4856759	0.003
595210.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.011	0.008	0.006	0.001	1.85E-07	3.40E-06	1.46E-07	3.7342887	0.003
595230.33	4129791.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.012	0.009	0.007	0.001	1.96E-07	3.61E-06	1.55E-07	3.9609476	0.003
595250.33	4129791.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.012	0.009	0.007	0.001	2.06E-07	3.80E-06	1.63E-07	4.1647303	0.003
595270.33	4129791.74	0.001	0.001	0.000	0.000	0.000	0.011	0.006	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.013	0.010	0.007	0.001	2.15E-07	3.97E-06	1.70E-07	4.3526572	0.003
595290.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.011	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.013	0.010	0.007	0.001	2.23E-07	4.11E-06	1.77E-07	4.5135823	0.003
595310.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.014	0.010	0.008	0.001	2.29E-07	4.22E-06	1.82E-07	4.6347606	0.003
595330.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.014	0.010	0.008	0.001	2.34E-07	4.32E-06	1.86E-07	4.7350572	0.003
594470.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.72E-09	1.32E-07	5.85E-09	0.1460616	0.000
594490.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.92E-09	1.35E-07	5.97E-09	0.1488915	0.000
594510.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.12E-09	1.37E-07	6.09E-09	0.1516951	0.000
594530.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.35E-09	1.40E-07	6.24E-09	0.1549929	0.000
594550.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.59E-09	1.43E-07	6.39E-09	0.1584712	0.000
594570.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.89E-09	1.47E-07	6.58E-09	0.1627877	0.000
594590.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.23E-09	1.52E-07	6.80E-09	0.1676399	0.000
594610.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.64E-09	1.57E-07	7.06E-09	0.1737397	0.000
594790.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.82E-08	2.85E-07	1.28E-08	0.3163241	0.000
594810.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.02E-08	3.18E-07	1.43E-08	0.3521496	0.000
594830.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.25E-08	3.57E-07	1.60E-08	0.3953595	0.000
594850.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.52E-08	4.05E-07	1.81E-08	0.4486504	0.000
594870.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.85E-08	4.62E-07	2.06E-08	0.5110252	0.000
594890.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.23E-08	5.31E-07	2.36E-08	0.5863749	0.000
594950.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000	4.97E-08	8.49E-07	3.73E-08	0.9357135	0.001
594970.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.69E-08	9.81E-07	4.30E-08	1.0809485	0.001
594990.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.004	0.003	0.002	0.000	6.53E-08	1.14E-06	4.96E-08	1.2507057	0.001
595010.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.46E-08	1.31E-06	5.70E-08	1.4398297	0.001
595050.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.67E-08	1.72E-06	7.45E-08	1.8916555	0.001
595070.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.10E-07	1.96E-06	8.48E-08	2.1590788	0.002
595090.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.004	0.000	1.24E-07	2.23E-06	9.60E-08	2.4494729	0.002

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595190.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.012	0.009	0.007	0.001	2.00E-07	3.67E-06	1.57E-07	4.0271482	0.003
595210.33	4129811.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.013	0.010	0.007	0.001	2.12E-07	3.91E-06	1.68E-07	4.2920585	0.003
595250.33	4129811.74	0.001	0.001	0.000	0.000	0.000	0.011	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.014	0.011	0.008	0.001	2.35E-07	4.33E-06	1.86E-07	4.7528334	0.003
595270.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.015	0.011	0.008	0.001	2.43E-07	4.49E-06	1.92E-07	4.9224308	0.004
595310.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.013	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.015	0.011	0.008	0.001	2.55E-07	4.71E-06	2.02E-07	5.1692782	0.004
595350.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.015	0.011	0.008	0.001	2.62E-07	4.83E-06	2.08E-07	5.2973355	0.004
594790.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.94E-08	3.04E-07	1.37E-08	0.3370197	0.000
594810.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.16E-08	3.40E-07	1.52E-08	0.3762994	0.000
594830.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.41E-08	3.83E-07	1.71E-08	0.4240199	0.000
594850.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.72E-08	4.37E-07	1.95E-08	0.4841931	0.000
594870.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.08E-08	5.01E-07	2.23E-08	0.5539741	0.000
594890.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.52E-08	5.80E-07	2.57E-08	0.6407633	0.001
594950.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.000	5.53E-08	9.48E-07	4.15E-08	1.0452743	0.001
594970.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	6.39E-08	1.11E-06	4.83E-08	1.2185889	0.001
594990.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.004	0.003	0.002	0.000	7.41E-08	1.29E-06	5.64E-08	1.4247931	0.001
595010.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.53E-08	1.50E-06	6.52E-08	1.6530698	0.001
595050.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.12E-07	2.01E-06	8.66E-08	2.2059796	0.002
595070.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.28E-07	2.30E-06	9.92E-08	2.5319242	0.002
595090.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.000	1.45E-07	2.62E-06	1.13E-07	2.8824281	0.002
595270.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.017	0.012	0.009	0.001	2.74E-07	5.07E-06	2.17E-07	5.5636597	0.004
595310.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.014	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.017	0.013	0.009	0.001	2.83E-07	5.25E-06	2.25E-07	5.7605081	0.004
595330.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.017	0.013	0.009	0.001	2.86E-07	5.29E-06	2.27E-07	5.8036098	0.004
595350.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.003	0.017	0.012	0.009	0.001	2.87E-07	5.30E-06	2.28E-07	5.8163404	0.004
594790.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.08E-08	3.25E-07	1.46E-08	0.3601962	0.000
594810.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.31E-08	3.64E-07	1.63E-08	0.4032135	0.000
594830.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.67E-08	4.27E-07	1.90E-08	0.4730791	0.000
594850.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.03E-08	4.90E-07	2.17E-08	0.5417238	0.000
594870.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.46E-08	5.66E-07	2.50E-08	0.6259038	0.001
594890.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.98E-08	6.59E-07	2.91E-08	0.7279212	0.001
594950.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	6.23E-08	1.07E-06	4.68E-08	1.1812523	0.001
594970.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.004	0.003	0.002	0.000	7.27E-08	1.27E-06	5.51E-08	1.3929091	0.001
594990.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.49E-08	1.49E-06	6.47E-08	1.6404646	0.001
595010.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.85E-08	1.74E-06	7.55E-08	1.9188761	0.001
595050.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.32E-07	2.37E-06	1.02E-07	2.6035763	0.002
595070.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.000	1.51E-07	2.74E-06	1.17E-07	3.005445	0.002
595090.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.008	0.006	0.000	1.71E-07	3.12E-06	1.34E-07	3.4295849	0.003
595290.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.019	0.014	0.010	0.001	3.12E-07	5.79E-06	2.48E-07	6.3527678	0.005
595310.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.003	0.019	0.014	0.010	0.001	3.14E-07	5.83E-06	2.50E-07	6.3947037	0.005
595330.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.004	0.003	0.003	0.019	0.014	0.010	0.001	3.14E-07	5.83E-06	2.50E-07	6.3925167	0.005
594790.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.74E-08	4.31E-07	1.92E-08	0.477941	0.000
594810.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.05E-08	4.84E-07	2.14E-08	0.5360177	0.000
594830.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.46E-08	5.55E-07	2.45E-08	0.613697	0.001
594850.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.00E-08	6.48E-07	2.85E-08	0.7160138	0.001
594870.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.65E-08	7.64E-07	3.35E-08	0.8440286	0.001
594890.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.49E-08	9.16E-07	4.01E-08	1.0109771	0.001
594910.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	6.54E-08	1.11E-06	4.84E-08	1.2239624	0.001
594930.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.003	0.000	7.87E-08	1.36E-06	5.89E-08	1.4941884	0.001
594950.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	9.52E-08	1.66E-06	7.20E-08	1.8318965	0.001
594970.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.16E-07	2.05E-06	8.82E-08	2.2524858	0.002
594990.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.006	0.005	0.000	1.40E-07	2.51E-06	1.08E-07	2.7530484	0.002
595010.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.006	0.000	1.67E-07	3.02E-06	1.29E-07	3.3209785	0.002
595030.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.013	0.009	0.007	0.000	1.99E-07	3.64E-06	1.55E-07	3.9952758	0.003
595050.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.015	0.011	0.008	0.000	2.34E-07	4.32E-06	1.84E-07	4.736398	0.003
595090.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.001	0.001	0.020	0.015	0.011	0.001	3.07E-07	5.73E-06	2.43E-07	6.2792539	0.005
595110.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.022	0.016	0.012	0.001	3.39E-07	6.35E-06	2.69E-07	6.9585386	0.005
595130.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.015	0.008	0.007	0.003	0.003	0.002	0.001	0.001	0.002	0.002	0.002	0.024	0.018	0.013	0.001	3.68E-07	6.90E-06	2.93E-07	7.5574917	0.005
595150.33	4129911.74	0.001	0.000	0.000	0.000	0.000	0.016	0.009	0.008	0.003	0.003	0.002	0.002	0.001	0.002	0.002	0.002	0.025	0.019	0.014	0.001	3.90E-07	7.33E-06	3.11E-07	8.0335097	0.006
595170.33	4129911.74	0.001	0.001	0.000	0.000	0.000	0.017	0.009	0.009	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.026	0.020	0.015	0.001	4.08E-07	7.66E-06	3.25E-07	8.3963312	0.006
595190.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.019	0.010	0.009	0.004	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.027	0.020	0.015	0.001	4.20E-07	7.89E-06	3.35E-07	8.647826	0.006
595210.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.020	0.010	0.010	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.002	0.027	0.020	0.015	0.001	4.28E-07	8.04E-06	3.42E-07	8.8144478	0.006
595230.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.021	0.011	0.010	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.027	0.020	0.015	0.001	4.34E-07	8.14E-06	3.47E-07	8.9217044	0.006
595250.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.021	0.011	0.010	0.004	0.003	0.003	0.002	0.002	0.004	0.003	0.003	0.027	0.020	0.015	0.001	4.34E-07	8.13E-06	3.46E-07	8.9063775	0.006
595270.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.022	0.011	0.011	0.004	0.003	0.003	0.002	0.002	0.004	0.004	0.003	0.026	0.020	0.015	0.001	4.30E-07	8.05E-06	3.44E-07	8.8244422	0.006
595290.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.022	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.004	0.004	0.003	0.026	0.019	0.014	0.001	4.23E-07	7.90E-06	3.38E-07	8.6650446	0.006
595310.33	4129911.74	0.001	0.001	0.001	0.000	0.000	0.022	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.005	0.004	0.004	0.025	0.018	0.014	0.002	4.17E-07	7.77E-06	3.33E-07	8.5163289	0.006
595330.33	4129911.74	0.002	0.001	0.001	0.000	0.000	0.022	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.005	0.004	0.004	0.024	0.018	0.013	0.002	4.08E-07	7.58E-06	3.25E-07	8.3116117	0.006
595350.33	4129911.74	0.002	0.002	0.001	0.001	0.000	0.022	0.011	0.011	0.004	0.003	0.003	0.002	0.002	0.005	0.005	0.004	0.022	0.017	0.012	0.002	3.96E-07	7.34E-06	3.16E-07	8.0545299	0.006
595370.33	4129911.74	0.002	0.002	0.001	0.001	0.001	0.021	0.011	0.011	0.004	0.003	0.003	0.002	0.002	0.006	0.005	0.004	0.021	0.016	0.012	0.002	3.84E-07	7.11E-06	3.06E-07	7.7980652	0.006

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595390.33	4129911.74	0.002	0.002	0.002	0.001	0.001	0.021	0.011	0.010	0.004	0.003	0.002	0.002	0.002	0.006	0.005	0.005	0.020	0.015	0.011	0.002	3.72E-07	6.86E-06	2.96E-07	7.5306137	0.006
595430.33	4129911.74	0.003	0.002	0.002	0.001	0.001	0.020	0.010	0.010	0.004	0.003	0.002	0.001	0.001	0.007	0.006	0.005	0.018	0.013	0.010	0.002	3.46E-07	6.35E-06	2.75E-07	6.9704153	0.005
595450.33	4129911.74	0.003	0.002	0.002	0.001	0.001	0.019	0.010	0.009	0.004	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.017	0.012	0.009	0.002	3.33E-07	6.08E-06	2.64E-07	6.6793454	0.005
594790.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.02E-08	4.78E-07	2.11E-08	0.529012	0.000
594810.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.39E-08	5.38E-07	2.38E-08	0.5955661	0.001
594830.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.85E-08	6.18E-07	2.72E-08	0.6836208	0.001
594850.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.45E-08	7.23E-07	3.18E-08	0.7996523	0.001
594870.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.23E-08	8.63E-07	3.77E-08	0.9526197	0.001
594890.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.003	0.003	0.002	0.000	6.25E-08	1.05E-06	4.57E-08	1.1566315	0.001
594910.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.004	0.003	0.002	0.000	7.59E-08	1.29E-06	5.61E-08	1.4257383	0.001
594930.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.004	0.003	0.000	9.23E-08	1.60E-06	6.92E-08	1.7628862	0.001
594950.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.13E-07	2.00E-06	8.62E-08	2.1987121	0.002
594970.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.006	0.005	0.000	1.40E-07	2.50E-06	1.07E-07	2.7444749	0.002
594990.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.008	0.006	0.000	1.71E-07	3.09E-06	1.32E-07	3.3987645	0.003
595010.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.013	0.010	0.007	0.000	2.08E-07	3.81E-06	1.62E-07	4.1762613	0.003
595030.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.016	0.012	0.009	0.001	2.51E-07	4.63E-06	1.97E-07	5.0812443	0.004
595050.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.011	0.006	0.005	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.019	0.014	0.011	0.001	2.96E-07	5.50E-06	2.33E-07	6.02761	0.004
595090.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.014	0.008	0.007	0.003	0.003	0.002	0.002	0.001	0.002	0.002	0.001	0.025	0.019	0.014	0.001	3.82E-07	7.17E-06	3.04E-07	7.8563921	0.006
595110.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.016	0.008	0.008	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.028	0.021	0.015	0.001	4.17E-07	7.86E-06	3.33E-07	8.6061535	0.006
595130.33	4129931.74	0.001	0.000	0.000	0.000	0.000	0.018	0.009	0.009	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.029	0.022	0.016	0.001	4.46E-07	8.41E-06	3.56E-07	9.2078865	0.007
595150.33	4129931.74	0.001	0.001	0.000	0.000	0.000	0.019	0.010	0.009	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.031	0.023	0.017	0.001	4.66E-07	8.79E-06	3.72E-07	9.6272567	0.007
595170.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.020	0.011	0.010	0.004	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.031	0.023	0.017	0.001	4.79E-07	9.05E-06	3.83E-07	9.9092235	0.007
595190.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.022	0.011	0.011	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.002	0.032	0.023	0.018	0.001	4.88E-07	9.20E-06	3.90E-07	10.076445	0.007
595210.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.023	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.031	0.023	0.017	0.001	4.90E-07	9.24E-06	3.92E-07	10.121104	0.007
595250.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.004	0.004	0.003	0.030	0.022	0.017	0.001	4.83E-07	9.07E-06	3.86E-07	9.9398443	0.007
595270.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.005	0.004	0.004	0.029	0.022	0.016	0.001	4.74E-07	8.88E-06	3.79E-07	9.7375216	0.007
595290.33	4129931.74	0.001	0.001	0.001	0.000	0.000	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.005	0.004	0.004	0.028	0.021	0.015	0.002	4.64E-07	8.67E-06	3.71E-07	9.5088625	0.007
595310.33	4129931.74	0.002	0.001	0.001	0.000	0.000	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.005	0.005	0.004	0.027	0.020	0.015	0.002	4.52E-07	8.42E-06	3.61E-07	9.2307797	0.007
595330.33	4129931.74	0.002	0.002	0.001	0.001	0.000	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.006	0.005	0.004	0.025	0.019	0.014	0.002	4.38E-07	8.14E-06	3.49E-07	8.9285726	0.007
595350.33	4129931.74	0.002	0.002	0.001	0.001	0.000	0.024	0.012	0.012	0.005	0.003	0.003	0.002	0.002	0.006	0.005	0.005	0.024	0.018	0.013	0.002	4.22E-07	7.82E-06	3.37E-07	8.5831217	0.006
595370.33	4129931.74	0.002	0.002	0.002	0.001	0.001	0.023	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.006	0.006	0.005	0.022	0.017	0.012	0.002	4.07E-07	7.53E-06	3.24E-07	8.2595657	0.006
595390.33	4129931.74	0.002	0.002	0.002	0.001	0.001	0.022	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.007	0.006	0.005	0.021	0.015	0.012	0.002	3.91E-07	7.21E-06	3.11E-07	7.9112131	0.006
595430.33	4129931.74	0.003	0.003	0.002	0.001	0.001	0.021	0.011	0.010	0.004	0.003	0.002	0.002	0.002	0.007	0.006	0.005	0.018	0.013	0.010	0.002	3.60E-07	6.59E-06	2.86E-07	7.2346013	0.005
595450.33	4129931.74	0.003	0.003	0.002	0.001	0.001	0.020	0.011	0.010	0.004	0.003	0.002	0.002	0.002	0.007	0.006	0.006	0.017	0.013	0.009	0.002	3.44E-07	6.28E-06	2.73E-07	6.9012992	0.005
594790.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.37E-08	5.34E-07	2.35E-08	0.5914763	0.001
594810.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.80E-08	6.06E-07	2.66E-08	0.6705122	0.001
594830.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.33E-08	6.97E-07	3.06E-08	0.7711318	0.001
594850.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.001	0.000	5.03E-08	8.19E-07	3.58E-08	0.9053049	0.001
594870.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.95E-08	9.85E-07	4.29E-08	1.0871586	0.001
594890.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	7.18E-08	1.21E-06	5.24E-08	1.3323068	0.001
594910.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.004	0.003	0.000	8.79E-08	1.51E-06	6.52E-08	1.6607495	0.001
594930.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.10E-07	1.91E-06	8.24E-08	2.1036949	0.002
594950.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.005	0.000	1.38E-07	2.44E-06	1.05E-07	2.6794941	0.002
594970.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.011	0.008	0.006	0.000	1.72E-07	3.11E-06	1.33E-07	3.4107316	0.003
594990.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.014	0.010	0.008	0.000	2.15E-07	3.93E-06	1.68E-07	4.3136874	0.003
595010.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.017	0.013	0.010	0.000	2.66E-07	4.92E-06	2.09E-07	5.3928045	0.004
595030.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.021	0.016	0.012	0.001	3.22E-07	6.01E-06	2.55E-07	6.5902564	0.005
595050.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.013	0.007	0.007	0.003	0.003	0.002	0.002	0.002	0.002	0.001	0.001	0.025	0.019	0.014	0.001	3.80E-07	7.13E-06	3.02E-07	7.8132821	0.006
595090.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.017	0.009	0.008	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.001	0.032	0.024	0.018	0.001	4.79E-07	9.06E-06	3.83E-07	9.9235024	0.007
595110.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.019	0.010	0.009	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.034	0.026	0.019	0.001	5.14E-07	9.74E-06	4.11E-07	10.662319	0.008
595130.33	4129951.74	0.001	0.000	0.000	0.000	0.000	0.021	0.011	0.010	0.004	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.036	0.027	0.020	0.001	5.40E-07	1.02E-05	4.33E-07	11.209134	0.008
595150.33	4129951.74	0.001	0.001	0.000	0.000	0.000	0.022	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.037	0.027	0.020	0.001	5.54E-07	1.05E-05	4.44E-07	11.501166	0.008
595170.33	4129951.74	0.001	0.001	0.001	0.000	0.000	0.024	0.013	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.003	0.002	0.037	0.027	0.020	0.001	5.62E-07	1.06E-05	4.50E-07	11.649743	0.008
595190.33	4129951.74	0.001	0.001	0.001	0.000	0.000	0.025	0.013	0.012	0.005	0.004	0.003	0.002	0.002	0.004	0.003	0.003	0.037	0.027	0.020	0.001	5.64E-07	1.07E-05	4.52E-07	11.674945	0.008
595210.33	4129951.74	0.001	0.001	0.001	0.000	0.000	0.026	0.014	0.013	0.005	0.004	0.003	0.002	0.002	0.004	0.003	0.003	0.036	0.027	0.020	0.001	5.59E-07	1.05E-05	4.48E-07	11.554122	0.008
595250.33	4129951.74	0.001	0.001	0.001	0.000	0.000	0.027	0.014	0.013	0.005	0.004	0.003	0.002	0.002	0.005	0.004	0.004	0.033	0.025	0.018	0.002	5.34E-07	1.00E-05	4.28E-07	11.002361	0.008
595290.33	4129951.74	0.002	0.001	0.001	0.000	0.000	0.027	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.006	0.005	0.004	0.030	0.022	0.017	0.002	5.02E-07	9.39E-06	4.01E-07	10.289372	0.007
595310.33	4129951.74	0.002	0.002	0.001	0.000	0.000	0.027	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.006	0.005	0.005	0.028	0.021	0.016	0.002	4.84E-07	9.03E-06	3.87E-07	9.8988439	0.007
595330.33	4129951.74	0.002	0.002	0.002	0.001	0.000	0.026	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.007	0.006	0.005	0.026	0.020	0.015	0.002	4.66E-07	8.66E-06	3.72E-07	9.500533	0.007
595350.33	4129951.74	0.002	0.002	0.002	0.001	0.001	0.026	0.013	0.013	0.005	0.003	0.003	0.002	0.002	0.007	0.006	0.005	0.025	0.018	0.014	0.002	4.46E-07	8.26E-06	3.55E-07	9.0597031	0.007
595370.33	4129951.74	0.003	0.002	0.002	0.001	0.001	0.025	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.007	0.006	0.006	0.023	0.017	0.013	0.002	4.27E-07	7.88E-06	3.40E-07	8.6483909	0.006
595390.33	4129951.74	0.003	0.002	0.002	0.001	0.001	0.024	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.008	0.007	0.006	0.021	0.016	0.012	0.002	4.08E-07	7.50E-06	3.25E-07	8.2374689	0.006
595430.33	4129951.74	0.003	0.003	0.003	0.001	0.001	0.022	0.012	0.011	0.004	0.003	0.002	0.002	0.002	0.008	0.007	0.006	0.018	0.013	0.010	0.002	3.72E-07	6.79E-06	2.95E-07	7.4537253	0.006
595450.33	4129951.74	0.004	0.003	0.003	0.001	0.001	0.021	0.011	0.010	0.004	0.003	0.002	0.002	0.002	0.008	0.007	0.006	0.017	0.012	0.009	0.002	3.54E-07	6.44E-06	2.81E-07	7.0768084	0.005
594510.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.52E-08	2.68E-07	1.16E-08	0.2942362	0.000
594530.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.58E-08	2.78E-07	1.20E-08	0.3059252	0.000
594550.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.66E-08	2.90E-07	1.25E-08	0.3188143	0.000
595090.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.021	0.011	0.010	0.004	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.041	0.031	0.023	0.001	6.05E-07	1.15E-05	4.86E-07	12.612087	0.009

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595110.33	4129971.74	0.001	0.000	0.000	0.000	0.000	0.023	0.012	0.011	0.004	0.004	0.003	0.002	0.002	0.003	0.002	0.002	0.043	0.032	0.024	0.001	6.36E-07	1.21E-05	5.11E-07	13.254241	0.009
595130.33	4129971.74	0.001	0.001	0.000	0.000	0.000	0.025	0.013	0.012	0.005	0.004	0.003	0.002	0.002	0.003	0.002	0.002	0.044	0.033	0.024	0.001	6.51E-07	1.24E-05	5.24E-07	13.579859	0.010
595150.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.027	0.014	0.013	0.005	0.004	0.004	0.002	0.002	0.003	0.003	0.002	0.044	0.032	0.024	0.001	6.55E-07	1.25E-05	5.26E-07	13.641089	0.010
595170.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.028	0.015	0.014	0.005	0.004	0.004	0.002	0.002	0.004	0.003	0.003	0.043	0.032	0.024	0.001	6.52E-07	1.24E-05	5.24E-07	13.560546	0.010
595190.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.029	0.015	0.014	0.006	0.004	0.004	0.002	0.002	0.004	0.004	0.003	0.042	0.031	0.023	0.001	6.43E-07	1.22E-05	5.16E-07	13.339699	0.010
595210.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.030	0.016	0.015	0.006	0.004	0.004	0.002	0.002	0.005	0.004	0.003	0.040	0.030	0.022	0.001	6.27E-07	1.19E-05	5.03E-07	12.981987	0.009
595230.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.031	0.016	0.015	0.006	0.004	0.004	0.002	0.002	0.005	0.004	0.004	0.038	0.029	0.021	0.002	6.09E-07	1.15E-05	4.88E-07	12.573763	0.009
595250.33	4129971.74	0.001	0.001	0.001	0.000	0.000	0.030	0.016	0.015	0.006	0.004	0.004	0.002	0.002	0.006	0.005	0.004	0.036	0.027	0.020	0.002	5.85E-07	1.10E-05	4.68E-07	12.045038	0.009
595270.33	4129971.74	0.002	0.001	0.001	0.000	0.000	0.030	0.016	0.015	0.006	0.004	0.003	0.002	0.002	0.006	0.005	0.005	0.034	0.025	0.019	0.002	5.62E-07	1.05E-05	4.50E-07	11.545498	0.008
595290.33	4129971.74	0.002	0.002	0.001	0.000	0.000	0.030	0.016	0.015	0.006	0.004	0.003	0.002	0.002	0.007	0.006	0.005	0.032	0.024	0.018	0.002	5.39E-07	1.01E-05	4.31E-07	11.046954	0.008
595310.33	4129971.74	0.002	0.002	0.002	0.001	0.000	0.029	0.015	0.014	0.006	0.004	0.003	0.002	0.002	0.007	0.006	0.005	0.029	0.022	0.016	0.002	5.16E-07	9.60E-06	4.11E-07	10.523948	0.008
595330.33	4129971.74	0.002	0.002	0.002	0.001	0.001	0.028	0.015	0.014	0.005	0.003	0.003	0.002	0.002	0.008	0.007	0.006	0.027	0.020	0.015	0.002	4.92E-07	9.13E-06	3.92E-07	10.012843	0.007
595350.33	4129971.74	0.003	0.002	0.002	0.001	0.001	0.027	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.008	0.007	0.006	0.025	0.019	0.014	0.002	4.67E-07	8.64E-06	3.72E-07	9.4752323	0.007
595370.33	4129971.74	0.003	0.003	0.002	0.001	0.001	0.026	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.008	0.007	0.006	0.023	0.017	0.013	0.002	4.44E-07	8.18E-06	3.53E-07	8.9800801	0.007
595390.33	4129971.74	0.003	0.003	0.002	0.001	0.001	0.025	0.013	0.012	0.005	0.003	0.003	0.002	0.002	0.009	0.007	0.006	0.021	0.016	0.012	0.002	4.22E-07	7.75E-06	3.36E-07	8.5058599	0.006
595430.33	4129971.74	0.004	0.003	0.003	0.001	0.001	0.023	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.009	0.008	0.007	0.018	0.013	0.010	0.003	3.81E-07	6.94E-06	3.02E-07	7.6187807	0.006
595450.33	4129971.74	0.004	0.004	0.003	0.001	0.001	0.021	0.011	0.011	0.004	0.003	0.002	0.002	0.002	0.009	0.008	0.007	0.016	0.012	0.009	0.003	3.61E-07	6.56E-06	2.86E-07	7.2033693	0.005
594510.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	1.65E-08	2.92E-07	1.26E-08	0.3212265	0.000
594530.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.73E-08	3.05E-07	1.32E-08	0.3355327	0.000
594550.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.82E-08	3.19E-07	1.38E-08	0.350757	0.000
594790.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.35E-08	6.99E-07	3.05E-08	0.7730508	0.001
594810.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.001	0.000	4.88E-08	7.88E-07	3.43E-08	0.8711996	0.001
594830.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.59E-08	9.09E-07	3.96E-08	1.0049751	0.001
594850.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	6.56E-08	1.08E-06	4.68E-08	1.1913951	0.001
594870.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	7.89E-08	1.32E-06	5.71E-08	1.4562068	0.001
594890.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.006	0.004	0.003	0.000	9.78E-08	1.67E-06	7.20E-08	1.8379948	0.001
594910.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.004	0.000	1.25E-07	2.18E-06	9.35E-08	2.3956692	0.002
594930.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.006	0.000	1.64E-07	2.91E-06	1.24E-07	3.195981	0.002
594950.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.014	0.010	0.008	0.000	2.17E-07	3.94E-06	1.68E-07	4.3271902	0.003
594970.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.019	0.014	0.011	0.000	2.89E-07	5.34E-06	2.26E-07	5.8565776	0.004
595010.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.014	0.008	0.007	0.003	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.033	0.024	0.018	0.001	4.80E-07	9.08E-06	3.83E-07	9.9464447	0.007
595030.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.017	0.009	0.008	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001	0.040	0.030	0.022	0.001	5.80E-07	1.10E-05	4.65E-07	12.080801	0.009
595050.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.020	0.010	0.010	0.004	0.004	0.003	0.002	0.002	0.002	0.002	0.001	0.046	0.034	0.025	0.001	6.65E-07	1.27E-05	5.35E-07	13.908308	0.010
595090.33	4129991.74	0.001	0.000	0.000	0.000	0.000	0.025	0.013	0.012	0.005	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.052	0.039	0.029	0.001	7.64E-07	1.46E-05	6.16E-07	16.011315	0.011
595110.33	4129991.74	0.001	0.001	0.000	0.000	0.000	0.028	0.015	0.014	0.005	0.004	0.004	0.002	0.002	0.003	0.002	0.002	0.053	0.040	0.029	0.001	7.79E-07	1.49E-05	6.28E-07	16.306891	0.012
595130.33	4129991.74	0.001	0.001	0.000	0.000	0.000	0.030	0.016	0.015	0.006	0.004	0.004	0.002	0.002	0.003	0.003	0.002	0.053	0.039	0.029	0.001	7.78E-07	1.49E-05	6.27E-07	16.272494	0.012
595150.33	4129991.74	0.001	0.001	0.001	0.000	0.000	0.032	0.017	0.016	0.006	0.004	0.004	0.002	0.002	0.004	0.003	0.003	0.051	0.038	0.028	0.001	7.66E-07	1.46E-05	6.16E-07	15.982593	0.011
595170.33	4129991.74	0.001	0.001	0.001	0.000	0.000	0.033	0.017	0.016	0.006	0.004	0.004	0.002	0.002	0.004	0.004	0.003	0.049	0.037	0.027	0.001	7.48E-07	1.42E-05	6.02E-07	15.585063	0.011
595190.33	4129991.74	0.001	0.001	0.001	0.000	0.000	0.034	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.005	0.004	0.004	0.047	0.035	0.026	0.002	7.23E-07	1.37E-05	5.81E-07	15.021214	0.011
595210.33	4129991.74	0.001	0.001	0.001	0.000	0.000	0.035	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.005	0.005	0.004	0.044	0.033	0.025	0.002	6.95E-07	1.32E-05	5.58E-07	14.406198	0.010
595230.33	4129991.74	0.001	0.001	0.001	0.000	0.000	0.035	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.006	0.005	0.004	0.042	0.031	0.023	0.002	6.67E-07	1.26E-05	5.35E-07	13.77633	0.010
595250.33	4129991.74	0.002	0.001	0.001	0.000	0.000	0.034	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.006	0.006	0.005	0.039	0.029	0.021	0.002	6.35E-07	1.19E-05	5.08E-07	13.078041	0.009
595270.33	4129991.74	0.002	0.002	0.001	0.000	0.000	0.034	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.007	0.006	0.005	0.036	0.027	0.020	0.002	6.03E-07	1.13E-05	4.83E-07	12.388824	0.009
595290.33	4129991.74	0.002	0.002	0.002	0.000	0.000	0.033	0.017	0.016	0.006	0.004	0.004	0.002	0.002	0.008	0.007	0.006	0.033	0.025	0.018	0.002	5.73E-07	1.07E-05	4.58E-07	11.728106	0.009
595310.33	4129991.74	0.002	0.002	0.002	0.001	0.000	0.032	0.017	0.016	0.006	0.004	0.003	0.002	0.002	0.008	0.007	0.006	0.030	0.023	0.017	0.002	5.43E-07	1.01E-05	4.33E-07	11.061383	0.008
595330.33	4129991.74	0.003	0.002	0.002	0.001	0.001	0.030	0.016	0.015	0.006	0.004	0.003	0.002	0.002	0.009	0.007	0.007	0.028	0.021	0.015	0.002	5.14E-07	9.51E-06	4.09E-07	10.438083	0.008
595350.33	4129991.74	0.003	0.003	0.002	0.001	0.001	0.029	0.015	0.014	0.006	0.003	0.003	0.002	0.002	0.009	0.008	0.007	0.025	0.019	0.014	0.003	4.85E-07	8.94E-06	3.86E-07	9.8111048	0.007
595370.33	4129991.74	0.003	0.003	0.003	0.001	0.001	0.028	0.015	0.014	0.005	0.003	0.003	0.002	0.002	0.009	0.008	0.007	0.023	0.017	0.013	0.003	4.58E-07	8.41E-06	3.64E-07	9.2372441	0.007
595390.33	4129991.74	0.004	0.003	0.003	0.001	0.001	0.026	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.010	0.008	0.007	0.021	0.016	0.012	0.003	4.33E-07	7.92E-06	3.44E-07	8.7004721	0.006
595430.33	4129991.74	0.005	0.004	0.003	0.001	0.001	0.023	0.012	0.011	0.004	0.003	0.003	0.002	0.002	0.010	0.009	0.007	0.017	0.013	0.010	0.003	3.88E-07	7.04E-06	3.07E-07	7.7313389	0.006
595450.33	4129991.74	0.005	0.004	0.004	0.001	0.001	0.022	0.012	0.011	0.004	0.003	0.002	0.002	0.002	0.010	0.009	0.007	0.016	0.012	0.009	0.003	3.66E-07	6.63E-06	2.90E-07	7.2824434	0.006
594510.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.79E-08	3.19E-07	1.38E-08	0.3510774	0.000
594550.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.99E-08	3.52E-07	1.52E-08	0.3868423	0.000
594790.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.001	0.000	5.04E-08	8.18E-07	3.55E-08	0.9036331	0.001
594810.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.67E-08	9.23E-07	4.00E-08	1.0199974	0.001
594830.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.004	0.003	0.002	0.000	6.53E-08	1.07E-06	4.64E-08	1.1829446	0.001
594850.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	7.71E-08	1.28E-06	5.54E-08	1.4111487	0.001
594870.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.004	0.003	0.000	9.43E-08	1.58E-06	6.83E-08	1.743817	0.001
594890.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.19E-07	2.03E-06	8.73E-08	2.2368483	0.002
594910.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.000	1.55E-07	2.72E-06	1.17E-07	2.9962537	0.002
594930.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.013	0.010	0.007	0.000	2.10E-07	3.79E-06	1.61E-07	4.1571239	0.003
594950.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.019	0.014	0.011	0.000	2.92E-07	5.38E-06	2.28E-07	5.8975812	0.004
594970.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.012	0.007	0.006	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.027	0.020	0.015	0.001	4.05E-07	7.59E-06	3.21E-07	8.3177961	0.006
595010.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.018	0.009	0.009	0.003	0.004	0.003	0.002	0.002	0.002	0.001	0.001	0.048	0.036	0.026	0.001	6.87E-07	1.31E-05	5.53E-07	14.384797	0.010
595030.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.021	0.011	0.010	0.004	0.004	0.004	0.002	0.002	0.002	0.002	0.001	0.057	0.042	0.031	0.001	8.11E-07	1.56E-05	6.54E-07	17.043719	0.012
595050.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.024	0.013	0.012	0.005	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.063	0.047	0.035	0.001	8.99E-07	1.73E-05	7.27E-07	18.928511	0.013
595090.33	4130011.74	0.001	0.000	0.000	0.000	0.000	0.031	0.016	0.015	0.006	0.005	0.004	0.002	0.002	0.003	0.002	0.002	0.066	0.049	0.037	0.001	9.52E-07	1.83E-05	7.70E-07	20.039084	0.014
595110.33	4130011.74	0.001	0.001	0.000	0.000	0.000	0.034	0.018	0.017	0.006	0.005	0.004	0.002	0.002	0.003	0.003	0.002	0.064	0.048	0.036	0.001	9.40E-07	1.81E-05	7.60E-07	19.75024	0.014

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = ∑R1*C_{DPM}				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595150.33	4130011.74	0.001	0.001	0.001	0.000	0.000	0.038	0.020	0.019	0.007	0.005	0.005	0.002	0.002	0.004	0.004	0.003	0.059	0.044	0.033	0.001	8.82E-07	1.68E-05	7.11E-07	18.438503	0.013
595170.33	4130011.74	0.001	0.001	0.001	0.000	0.000	0.039	0.021	0.019	0.008	0.005	0.005	0.002	0.002	0.005	0.004	0.004	0.056	0.041	0.031	0.002	8.43E-07	1.61E-05	6.79E-07	17.592437	0.013
595230.33	4130011.74	0.002	0.001	0.001	0.000	0.000	0.039	0.021	0.019	0.008	0.005	0.004	0.002	0.002	0.007	0.006	0.005	0.045	0.033	0.025	0.002	7.20E-07	1.36E-05	5.78E-07	14.883394	0.011
595250.33	4130011.74	0.002	0.002	0.001	0.000	0.000	0.038	0.020	0.019	0.007	0.005	0.004	0.002	0.002	0.008	0.007	0.006	0.041	0.030	0.023	0.002	6.78E-07	1.27E-05	5.43E-07	13.960173	0.010
595270.33	4130011.74	0.002	0.002	0.002	0.000	0.000	0.037	0.020	0.018	0.007	0.004	0.004	0.002	0.002	0.008	0.007	0.006	0.037	0.028	0.021	0.002	6.39E-07	1.20E-05	5.11E-07	13.100872	0.010
595290.33	4130011.74	0.002	0.002	0.002	0.001	0.000	0.036	0.019	0.018	0.007	0.004	0.004	0.002	0.002	0.009	0.008	0.007	0.034	0.025	0.019	0.003	6.02E-07	1.12E-05	4.80E-07	12.290913	0.009
595310.33	4130011.74	0.003	0.002	0.002	0.001	0.001	0.034	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.009	0.008	0.007	0.031	0.023	0.017	0.003	5.66E-07	1.05E-05	4.50E-07	11.500508	0.008
595330.33	4130011.74	0.003	0.003	0.002	0.001	0.001	0.032	0.017	0.016	0.006	0.004	0.003	0.002	0.002	0.010	0.009	0.007	0.028	0.021	0.015	0.003	5.32E-07	9.81E-06	4.23E-07	10.76633	0.008
595350.33	4130011.74	0.004	0.003	0.003	0.001	0.001	0.030	0.016	0.015	0.006	0.004	0.003	0.002	0.002	0.010	0.009	0.008	0.025	0.019	0.014	0.003	4.99E-07	9.16E-06	3.96E-07	10.055479	0.007
595370.33	4130011.74	0.004	0.003	0.003	0.001	0.001	0.029	0.015	0.014	0.006	0.003	0.003	0.002	0.002	0.010	0.009	0.008	0.023	0.017	0.013	0.003	4.69E-07	8.58E-06	3.72E-07	9.4186755	0.007
595390.33	4130011.74	0.004	0.004	0.003	0.001	0.001	0.027	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.011	0.009	0.008	0.020	0.015	0.011	0.003	4.41E-07	8.04E-06	3.49E-07	8.8303359	0.007
595430.33	4130011.74	0.005	0.005	0.004	0.002	0.001	0.024	0.012	0.012	0.005	0.003	0.003	0.002	0.002	0.011	0.009	0.008	0.017	0.012	0.009	0.003	3.92E-07	7.09E-06	3.10E-07	7.7933053	0.006
595450.33	4130011.74	0.006	0.005	0.004	0.002	0.001	0.022	0.012	0.011	0.004	0.003	0.002	0.002	0.002	0.011	0.009	0.008	0.015	0.011	0.008	0.003	3.69E-07	6.66E-06	2.92E-07	7.3194084	0.006
594490.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.86E-08	3.33E-07	1.44E-08	0.3662272	0.000
594510.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	1.96E-08	3.50E-07	1.51E-08	0.3845391	0.000
594530.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.07E-08	3.68E-07	1.59E-08	0.4050824	0.000
594570.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.33E-08	4.11E-07	1.77E-08	0.4518002	0.000
594790.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.000	5.97E-08	9.74E-07	4.21E-08	1.0755204	0.001
594810.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.004	0.003	0.002	0.000	6.78E-08	1.11E-06	4.79E-08	1.2243585	0.001
594830.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.004	0.003	0.002	0.000	7.86E-08	1.29E-06	5.59E-08	1.4288771	0.001
594850.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.004	0.003	0.000	9.34E-08	1.56E-06	6.71E-08	1.7172368	0.001
594870.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.007	0.005	0.004	0.000	1.15E-07	1.95E-06	8.38E-08	2.1492613	0.002
594890.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.000	1.47E-07	2.56E-06	1.09E-07	2.8149353	0.002
594910.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.013	0.009	0.007	0.000	2.00E-07	3.56E-06	1.52E-07	3.9111421	0.003
594930.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.019	0.014	0.010	0.000	2.86E-07	5.23E-06	2.21E-07	5.7321229	0.004
594950.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.012	0.007	0.006	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.029	0.021	0.016	0.000	4.23E-07	7.92E-06	3.34E-07	8.6737636	0.006
594970.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.015	0.008	0.008	0.003	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.042	0.032	0.024	0.001	6.14E-07	1.17E-05	4.91E-07	12.783201	0.009
595010.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.023	0.012	0.011	0.004	0.004	0.004	0.002	0.002	0.002	0.002	0.001	0.073	0.054	0.040	0.001	1.03E-06	1.98E-05	8.32E-07	21.697496	0.015
595030.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.027	0.014	0.013	0.005	0.005	0.004	0.002	0.002	0.002	0.002	0.002	0.082	0.061	0.045	0.001	1.16E-06	2.24E-05	9.39E-07	24.504281	0.017
595050.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.031	0.016	0.015	0.006	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.085	0.064	0.047	0.001	1.21E-06	2.34E-05	9.82E-07	25.614214	0.018
595090.33	4130031.74	0.001	0.001	0.000	0.000	0.000	0.038	0.020	0.019	0.007	0.006	0.005	0.003	0.003	0.003	0.003	0.002	0.081	0.060	0.045	0.001	1.16E-06	2.25E-05	9.44E-07	24.573216	0.017
595150.33	4130031.74	0.001	0.001	0.001	0.000	0.000	0.045	0.024	0.022	0.009	0.006	0.005	0.003	0.003	0.005	0.004	0.004	0.066	0.049	0.037	0.002	9.94E-07	1.90E-05	8.02E-07	20.808265	0.015
595170.33	4130031.74	0.001	0.001	0.001	0.000	0.000	0.046	0.024	0.022	0.009	0.006	0.005	0.003	0.003	0.006	0.005	0.004	0.061	0.046	0.034	0.002	9.36E-07	1.78E-05	7.54E-07	19.531255	0.014
595230.33	4130031.74	0.002	0.002	0.001	0.000	0.000	0.044	0.023	0.022	0.008	0.005	0.005	0.002	0.002	0.008	0.007	0.006	0.047	0.035	0.026	0.002	7.69E-07	1.45E-05	6.17E-07	15.876306	0.011
595250.33	4130031.74	0.002	0.002	0.002	0.000	0.000	0.042	0.022	0.021	0.008	0.005	0.004	0.002	0.002	0.009	0.008	0.007	0.042	0.031	0.023	0.003	7.16E-07	1.34E-05	5.73E-07	14.719592	0.011
595270.33	4130031.74	0.002	0.002	0.002	0.001	0.000	0.040	0.021	0.020	0.008	0.005	0.004	0.002	0.002	0.010	0.008	0.007	0.038	0.028	0.021	0.003	6.68E-07	1.25E-05	5.33E-07	13.669726	0.010
595290.33	4130031.74	0.003	0.002	0.002	0.001	0.000	0.038	0.020	0.019	0.007	0.004	0.004	0.002	0.002	0.010	0.009	0.008	0.034	0.025	0.019	0.003	6.24E-07	1.16E-05	4.97E-07	12.709326	0.009
595310.33	4130031.74	0.003	0.003	0.002	0.001	0.001	0.036	0.019	0.018	0.007	0.004	0.004	0.002	0.002	0.011	0.009	0.008	0.030	0.023	0.017	0.003	5.83E-07	1.08E-05	4.63E-07	11.81284	0.009
595330.33	4130031.74	0.004	0.003	0.003	0.001	0.001	0.034	0.018	0.017	0.007	0.004	0.004	0.002	0.002	0.011	0.010	0.009	0.027	0.020	0.015	0.003	5.45E-07	1.00E-05	4.32E-07	10.991622	0.008
595350.33	4130031.74	0.004	0.004	0.003	0.001	0.001	0.032	0.017	0.016	0.006	0.004	0.003	0.002	0.002	0.012	0.010	0.009	0.024	0.018	0.013	0.003	5.08E-07	9.30E-06	4.02E-07	10.208125	0.008
595370.33	4130031.74	0.005	0.004	0.003	0.001	0.001	0.029	0.016	0.015	0.006	0.003	0.003	0.002	0.002	0.012	0.010	0.009	0.022	0.016	0.012	0.003	4.76E-07	8.67E-06	3.76E-07	9.5194331	0.007
595390.33	4130031.74	0.005	0.004	0.004	0.001	0.001	0.027	0.014	0.013	0.005	0.003	0.003	0.002	0.002	0.012	0.010	0.009	0.019	0.014	0.011	0.003	4.46E-07	8.10E-06	3.53E-07	8.8985892	0.007
595430.33	4130031.74	0.006	0.005	0.005	0.002	0.001	0.024	0.012	0.012	0.005	0.003	0.003	0.002	0.002	0.012	0.010	0.009	0.016	0.012	0.009	0.003	3.94E-07	7.10E-06	3.12E-07	7.8099632	0.006
595450.33	4130031.74	0.007	0.006	0.005	0.002	0.002	0.022	0.011	0.011	0.004	0.003	0.002	0.002	0.002	0.012	0.010	0.009	0.014	0.011	0.008	0.003	3.71E-07	6.66E-06	2.93E-07	7.3198403	0.006
594490.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.02E-08	3.64E-07	1.58E-08	0.3998912	0.000
594510.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.14E-08	3.83E-07	1.66E-08	0.4212615	0.000
594530.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.27E-08	4.05E-07	1.75E-08	0.4451944	0.000
594550.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.41E-08	4.29E-07	1.85E-08	0.4720594	0.000
594570.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.58E-08	4.56E-07	1.96E-08	0.501777	0.000
594590.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.76E-08	4.86E-07	2.09E-08	0.534645	0.000
594790.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.004	0.003	0.002	0.000	7.07E-08	1.17E-06	5.04E-08	1.2943227	0.001
594810.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.000	8.18E-08	1.35E-06	5.83E-08	1.4946697	0.001
594830.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.005	0.004	0.003	0.000	9.58E-08	1.60E-06	6.87E-08	1.7635635	0.001
594850.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.007	0.005	0.004	0.000	1.16E-07	1.95E-06	8.37E-08	2.1524994	0.002
594870.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.009	0.006	0.005	0.000	1.45E-07	2.49E-06	1.07E-07	2.7442018	0.002
594890.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.012	0.009	0.007	0.000	1.90E-07	3.35E-06	1.43E-07	3.6872459	0.003
594910.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.017	0.013	0.010	0.000	2.70E-07	4.89E-06	2.07E-07	5.3636317	0.004
594930.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.012	0.006	0.006	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.028	0.021	0.016	0.000	4.19E-07	7.82E-06	3.30E-07	8.5691064	0.006
594950.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.016	0.008	0.008	0.003	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.047	0.035	0.026	0.001	6.78E-07	1.29E-05	5.43E-07	14.138336	0.010
594970.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.019	0.010	0.010	0.004	0.004	0.004	0.002	0.002	0.001	0.001	0.001	0.072	0.054	0.040	0.001	1.02E-06	1.97E-05	8.24E-07	21.512452	0.015
595010.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.029	0.015	0.014	0.006	0.005	0.005	0.003	0.003	0.002	0.002	0.001	0.112	0.084	0.062	0.001	1.57E-06	3.05E-05	1.28E-06	33.387144	0.023
595030.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.034	0.018	0.017	0.007	0.006	0.005	0.003	0.003	0.002	0.002	0.002	0.117	0.087	0.065	0.001	1.63E-06	3.18E-05	1.33E-06	34.750482	0.024
595050.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.039	0.021	0.019	0.008	0.006	0.006	0.003	0.003	0.003	0.002	0.002	0.112	0.084	0.062	0.001	1.58E-06	3.07E-05	1.29E-06	33.585965	0.024
595090.33	4130051.74	0.001	0.001	0.000	0.000	0.000	0.047	0.025	0.023	0.009	0.006	0.006	0.003	0.003	0.004	0.003	0.003	0.096	0.071	0.053	0.001	1.37E-06	2.65E-05	1.11E-06	29.008292	0.020
595150.33	4130051.74	0.001	0.001	0.001	0.000	0.000	0.053	0.028	0.026	0.010	0.006	0.006	0.003	0.003	0.006	0.005	0.005	0.073	0.055	0.041	0.002	1.10E-06	2.10E-05	8.88E-07	23.0308	0.016
595170.33	4130051.74	0.001	0.001	0.001	0.000	0.000	0.053	0.028	0.026	0.010	0.006	0.006	0.003	0.003	0.007	0.006	0.005	0.067	0.050	0.037	0.002	1.02E-06	1.95E-05	8.24E-07	21.343259	0.015
595210.33	4130051.74	0.002	0.002	0.001	0.000	0.000	0.050	0.027	0.025	0.010	0.006	0.005	0.003	0.003	0.009	0.008	0.007	0.054	0.040	0.030	0.003	8.76E-07	1.65E-05	7.02E-07	18.11459	0.013
595230.33	4130051.74	0.002	0.002	0.002	0.000	0.000	0.048	0.026	0.024	0.009	0.005	0.005	0.003	0.003	0.010	0.008	0.007	0.048	0.036	0.027	0.003	8.10E-07	1.52E-05	6.49E-07	16.688425	0.012

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595250.33	4130051.74	0.002	0.002	0.002	0.000	0.000	0.046	0.024	0.023	0.009	0.005	0.005	0.003	0.003	0.010	0.009	0.008	0.043	0.032	0.024	0.003	7.46E-07	1.39E-05	5.96E-07	15.286156	0.011
595270.33	4130051.74	0.003	0.002	0.002	0.001	0.000	0.043	0.023	0.021	0.008	0.005	0.004	0.002	0.002	0.011	0.010	0.008	0.038	0.028	0.021	0.003	6.89E-07	1.28E-05	5.49E-07	14.048753	0.010
595430.33	4130051.74	0.007	0.006	0.005	0.002	0.002	0.023	0.012	0.011	0.004	0.003	0.002	0.002	0.002	0.013	0.011	0.010	0.015	0.011	0.008	0.004	3.95E-07	7.08E-06	3.12E-07	7.7899123	0.006
595450.33	4130051.74	0.008	0.007	0.006	0.002	0.002	0.021	0.011	0.011	0.004	0.003	0.002	0.002	0.002	0.013	0.011	0.010	0.013	0.010	0.007	0.004	3.70E-07	6.62E-06	2.93E-07	7.2850239	0.006
594490.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.21E-08	3.98E-07	1.72E-08	0.4374933	0.000
594510.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.34E-08	4.21E-07	1.82E-08	0.4624802	0.000
594550.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.66E-08	4.76E-07	2.04E-08	0.5227244	0.000
594570.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.86E-08	5.09E-07	2.19E-08	0.5599646	0.000
594790.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.005	0.004	0.003	0.000	8.61E-08	1.45E-06	6.20E-08	1.5959792	0.001
594810.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.006	0.004	0.003	0.000	1.00E-07	1.69E-06	7.24E-08	1.864804	0.001
594830.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.007	0.005	0.004	0.000	1.20E-07	2.04E-06	8.70E-08	2.2422216	0.002
594850.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.000	1.48E-07	2.54E-06	1.08E-07	2.7992244	0.002
594870.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.012	0.009	0.007	0.000	1.91E-07	3.36E-06	1.43E-07	3.6920268	0.003
594890.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.017	0.013	0.009	0.000	2.62E-07	4.70E-06	1.99E-07	5.1650033	0.004
594910.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.012	0.006	0.006	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.026	0.020	0.015	0.000	3.94E-07	7.29E-06	3.07E-07	7.9906967	0.006
594930.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.015	0.008	0.008	0.003	0.004	0.004	0.002	0.002	0.001	0.001	0.001	0.049	0.037	0.027	0.001	7.08E-07	1.35E-05	5.66E-07	14.75384	0.011
594950.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.020	0.011	0.010	0.004	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.090	0.067	0.050	0.001	1.25E-06	2.43E-05	1.02E-06	26.545815	0.019
594970.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.025	0.013	0.013	0.005	0.005	0.005	0.003	0.003	0.002	0.001	0.001	0.133	0.099	0.074	0.001	1.84E-06	3.59E-05	1.50E-06	39.271536	0.027
595010.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.038	0.020	0.019	0.007	0.007	0.006	0.003	0.003	0.002	0.002	0.002	0.170	0.126	0.094	0.001	2.34E-06	4.59E-05	1.92E-06	50.150563	0.035
595030.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.044	0.023	0.022	0.009	0.007	0.006	0.003	0.003	0.003	0.002	0.002	0.156	0.116	0.087	0.001	2.17E-06	4.24E-05	1.77E-06	46.308794	0.032
595050.33	4130071.74	0.001	0.000	0.000	0.000	0.000	0.050	0.026	0.025	0.010	0.007	0.007	0.003	0.003	0.003	0.003	0.002	0.138	0.103	0.077	0.001	1.93E-06	3.77E-05	1.58E-06	41.203901	0.029
595090.33	4130071.74	0.001	0.001	0.001	0.000	0.000	0.059	0.031	0.029	0.011	0.008	0.007	0.003	0.003	0.004	0.004	0.003	0.108	0.080	0.060	0.002	1.55E-06	3.00E-05	1.26E-06	32.811531	0.023
595110.33	4130071.74	0.001	0.001	0.001	0.000	0.000	0.062	0.033	0.030	0.012	0.007	0.007	0.003	0.003	0.005	0.005	0.004	0.097	0.072	0.054	0.002	1.42E-06	2.73E-05	1.15E-06	29.85309	0.021
595150.33	4130071.74	0.001	0.001	0.001	0.000	0.000	0.063	0.033	0.031	0.012	0.007	0.006	0.003	0.003	0.007	0.006	0.005	0.079	0.059	0.044	0.002	1.20E-06	2.30E-05	9.69E-07	25.128691	0.018
595210.33	4130071.74	0.002	0.002	0.002	0.000	0.000	0.056	0.030	0.028	0.011	0.006	0.005	0.003	0.003	0.010	0.009	0.008	0.056	0.041	0.031	0.003	9.22E-07	1.74E-05	7.38E-07	19.028753	0.014
595230.33	4130071.74	0.002	0.002	0.002	0.000	0.000	0.053	0.028	0.026	0.010	0.006	0.005	0.003	0.003	0.011	0.010	0.009	0.049	0.036	0.027	0.003	8.41E-07	1.58E-05	6.72E-07	17.279257	0.013
595250.33	4130071.74	0.003	0.002	0.002	0.001	0.000	0.049	0.026	0.024	0.009	0.005	0.005	0.003	0.003	0.012	0.011	0.009	0.042	0.031	0.023	0.003	7.67E-07	1.43E-05	6.11E-07	15.661864	0.011
595270.33	4130071.74	0.003	0.003	0.003	0.001	0.001	0.046	0.024	0.022	0.009	0.005	0.004	0.003	0.003	0.013	0.011	0.010	0.037	0.027	0.020	0.004	7.03E-07	1.30E-05	5.58E-07	14.272012	0.010
595430.33	4130071.74	0.008	0.007	0.006	0.002	0.002	0.023	0.012	0.011	0.004	0.003	0.002	0.002	0.002	0.014	0.012	0.011	0.013	0.010	0.007	0.004	3.94E-07	7.03E-06	3.11E-07	7.7397902	0.007
595450.33	4130071.74	0.009	0.008	0.007	0.003	0.002	0.021	0.011	0.010	0.004	0.002	0.002	0.002	0.002	0.014	0.012	0.011	0.012	0.009	0.007	0.004	3.69E-07	6.57E-06	2.92E-07	7.2312009	0.006
594510.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	2.57E-08	4.64E-07	2.00E-08	0.5094886	0.000
594550.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.95E-08	5.29E-07	2.27E-08	0.5812645	0.000
594570.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.18E-08	5.69E-07	2.44E-08	0.6253586	0.000
595010.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.051	0.027	0.025	0.010	0.008	0.007	0.003	0.003	0.003	0.002	0.002	0.223	0.166	0.124	0.001	3.07E-06	6.03E-05	2.52E-06	65.890734	0.046
595030.33	4130091.74	0.001	0.000	0.000	0.000	0.000	0.058	0.031	0.029	0.011	0.009	0.008	0.003	0.003	0.003	0.003	0.002	0.186	0.138	0.103	0.001	2.58E-06	5.04E-05	2.11E-06	55.068065	0.038
595050.33	4130091.74	0.001	0.001	0.000	0.000	0.000	0.065	0.034	0.032	0.013	0.009	0.008	0.003	0.003	0.004	0.003	0.003	0.156	0.116	0.087	0.001	2.19E-06	4.27E-05	1.79E-06	46.677827	0.033
595090.33	4130091.74	0.001	0.001	0.001	0.000	0.000	0.074	0.039	0.037	0.014	0.009	0.008	0.003	0.003	0.005	0.005	0.004	0.119	0.088	0.066	0.002	1.71E-06	3.30E-05	1.39E-06	36.12037	0.025
595110.33	4130091.74	0.001	0.001	0.001	0.000	0.000	0.076	0.040	0.037	0.015	0.008	0.008	0.003	0.003	0.006	0.006	0.005	0.106	0.079	0.059	0.002	1.56E-06	3.00E-05	1.26E-06	32.805329	0.023
595150.33	4130091.74	0.001	0.001	0.001	0.000	0.000	0.073	0.038	0.036	0.014	0.008	0.007	0.003	0.003	0.009	0.008	0.007	0.085	0.063	0.047	0.003	1.30E-06	2.49E-05	1.05E-06	27.262446	0.019
595170.33	4130091.74	0.002	0.001	0.001	0.000	0.000	0.070	0.037	0.034	0.013	0.007	0.007	0.003	0.003	0.010	0.009	0.008	0.075	0.056	0.041	0.003	1.18E-06	2.24E-05	9.49E-07	24.561748	0.018
595190.33	4130091.74	0.002	0.002	0.001	0.000	0.000	0.066	0.035	0.032	0.013	0.007	0.006	0.003	0.003	0.011	0.010	0.009	0.065	0.048	0.036	0.003	1.06E-06	2.00E-05	8.50E-07	21.93919	0.016
595210.33	4130091.74	0.002	0.002	0.002	0.000	0.000	0.061	0.032	0.030	0.012	0.006	0.006	0.003	0.003	0.012	0.011	0.009	0.055	0.041	0.031	0.003	9.52E-07	1.79E-05	7.61E-07	19.584009	0.014
595230.33	4130091.74	0.003	0.002	0.002	0.000	0.000	0.056	0.030	0.028	0.011	0.006	0.005	0.003	0.003	0.014	0.012	0.010	0.047	0.035	0.026	0.004	8.57E-07	1.60E-05	6.82E-07	17.519132	0.013
595250.33	4130091.74	0.003	0.003	0.003	0.001	0.000	0.052	0.027	0.025	0.010	0.005	0.005	0.003	0.003	0.015	0.013	0.011	0.040	0.030	0.022	0.004	7.76E-07	1.44E-05	6.16E-07	15.761955	0.012
595430.33	4130091.74	0.010	0.009	0.007	0.003	0.002	0.022	0.011	0.011	0.004	0.003	0.002	0.002	0.002	0.015	0.014	0.012	0.012	0.009	0.007	0.004	3.92E-07	6.97E-06	3.10E-07	7.6699321	0.007
595450.33	4130091.74	0.010	0.009	0.008	0.003	0.003	0.020	0.010	0.010	0.004	0.002	0.002	0.002	0.002	0.015	0.013	0.011	0.011	0.008	0.006	0.004	3.66E-07	6.50E-06	2.90E-07	7.1539484	0.007
594510.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	2.83E-08	5.12E-07	2.21E-08	0.562112	0.000
594530.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.03E-08	5.48E-07	2.36E-08	0.6020299	0.000
594550.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.28E-08	5.90E-07	2.54E-08	0.6479737	0.000
594570.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.56E-08	6.40E-07	2.74E-08	0.7025851	0.001
595010.33	4130111.74	0.001	0.000	0.000	0.000	0.000	0.069	0.036	0.034	0.013	0.010	0.009	0.004	0.004	0.003	0.003	0.002	0.247	0.184	0.137	0.001	3.40E-06	6.67E-05	2.79E-06	72.875062	0.051
595030.33	4130111.74	0.001	0.000	0.000	0.000	0.000	0.078	0.041	0.039	0.015	0.010	0.009	0.004	0.004	0.004	0.003	0.003	0.200	0.149	0.111	0.001	2.78E-06	5.44E-05	2.28E-06	59.484579	0.042
595050.33	4130111.74	0.001	0.001	0.000	0.000	0.000	0.086	0.045	0.042	0.017	0.010	0.009	0.004	0.004	0.004	0.004	0.003	0.167	0.125	0.093	0.002	2.36E-06	4.59E-05	1.92E-06	50.126888	0.035
595090.33	4130111.74	0.001	0.001	0.001	0.000	0.000	0.092	0.049	0.045	0.018	0.010	0.009	0.004	0.004	0.006	0.006	0.005	0.130	0.097	0.072	0.002	1.88E-06	3.63E-05	1.53E-06	39.748869	0.028
595110.33	4130111.74	0.001	0.001	0.001	0.000	0.000	0.092	0.048	0.045	0.018	0.009	0.008	0.004	0.004	0.008	0.007	0.006	0.117	0.087	0.065	0.002	1.73E-06	3.33E-05	1.40E-06	36.401331	0.026
595130.33	4130111.74	0.001	0.001	0.001	0.000	0.000	0.089	0.047	0.044	0.017	0.009	0.008	0.004	0.004	0.009	0.008	0.007	0.105	0.078	0.058	0.003	1.58E-06	3.02E-05	1.27E-06	33.083182	0.024
595150.33	4130111.74	0.002	0.001	0.001	0.000	0.000	0.084	0.044	0.041	0.016	0.008	0.007	0.004	0.004	0.011	0.009	0.008	0.091	0.068	0.050	0.003	1.41E-06	2.69E-05	1.14E-06	29.43982	0.021
595170.33	4130111.74	0.002	0.002	0.001	0.000	0.000	0.078	0.041	0.038	0.015	0.008	0.007	0.003	0.003	0.012	0.011	0.009	0.077	0.057	0.043	0.003	1.24E-06	2.36E-05	9.98E-07	25.799488	0.019
595190.33	4130111.74	0.002	0.002	0.002	0.000	0.000	0.071	0.038	0.035	0.014	0.007	0.006	0.003	0.003	0.014	0.012	0.010	0.064	0.048	0.036	0.004	1.09E-06	2.05E-05	8.71E-07	22.450996	0.016
595210.33	4130111.74	0.003	0.002	0.002	0.000	0.000	0.065	0.034	0.032	0.013	0.006	0.006	0.003	0.003	0.015	0.013	0.011	0.053	0.040	0.030	0.004	9.61E-07	1.80E-05	7.65E-07	19.676636	0.014
595230.33	4130111.74	0.003	0.003	0.003	0.001	0.000	0.059	0.031	0.029	0.011	0.006	0.005	0.003	0.003	0.016	0.014	0.012	0.044	0.033	0.025	0.004	8.57E-07	1.59E-05	6.80E-07	17.4232	0.013
595250.33	4130111.74	0.004	0.004	0.003	0.001	0.001	0.053	0.028	0.026	0.010	0.005	0.005	0.003	0.003	0.017	0.015	0.013	0.037	0.028	0.021	0.005	7.71E-07	1.42E-05	6.09E-07	15.572681	0.012
595430.33	4130111.74	0.012	0.010	0.009	0.003	0.003	0.020	0.011	0.010	0.004	0.002	0.002	0.002	0.002	0.017	0.014	0.013	0.011	0.008	0.006	0.004	3.89E-07	6.89E-06	3.08E-07	7.5843868	0.007
595450.33	4130111.74	0.012	0.010	0.009	0.004	0.003	0.018	0.010	0.009	0.004	0.002	0.002	0.002	0.002	0.016	0.014	0.012	0.010	0.007	0.005	0.004	3.63E-07	6.41E-06	2.88E-07	7.0616319	0.007
594510.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.13E-08	5.68E-07	2.45E-08	0.6241732	0.000
594530.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	3.38E-08	6.12E-07	2.64E-08	0.6723518	0.001
594550.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	3.66E-08	6.62E-07	2.84E-08	0.7269307	0.001
594570.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	4.00E-08	7.20E-07	3.08E-08	0.7905328	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595010.33	4130131.74	0.001	0.000	0.000	0.000	0.000	0.095	0.050	0.047	0.018	0.013	0.011	0.004	0.004	0.003	0.003	0.003	0.255	0.190	0.141	0.001	3.53E-06	6.91E-05	2.89E-06	75.476833	0.053
595030.33	4130131.74	0.001	0.001	0.000	0.000	0.000	0.106	0.056	0.052	0.020	0.012	0.011	0.004	0.004	0.004	0.004	0.003	0.208	0.155	0.116	0.002	2.91E-06	5.68E-05	2.37E-06	62.04705	0.043
595050.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.113	0.059	0.056	0.022	0.012	0.011	0.004	0.004	0.005	0.005	0.004	0.180	0.134	0.100	0.002	2.54E-06	4.94E-05	2.07E-06	54.012421	0.038
595090.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.114	0.060	0.056	0.022	0.011	0.010	0.004	0.004	0.008	0.007	0.006	0.148	0.110	0.082	0.002	2.14E-06	4.15E-05	1.74E-06	45.339185	0.032
595110.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.109	0.058	0.054	0.021	0.010	0.009	0.004	0.004	0.010	0.008	0.007	0.133	0.099	0.074	0.003	1.97E-06	3.79E-05	1.59E-06	41.496095	0.029
595130.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.102	0.054	0.050	0.020	0.009	0.009	0.004	0.004	0.011	0.010	0.009	0.114	0.085	0.064	0.003	1.74E-06	3.34E-05	1.41E-06	36.563311	0.026
595150.33	4130131.74	0.002	0.002	0.001	0.000	0.000	0.093	0.049	0.046	0.018	0.009	0.008	0.004	0.004	0.013	0.012	0.010	0.094	0.070	0.052	0.004	1.49E-06	2.84E-05	1.20E-06	31.122308	0.022
595170.33	4130131.74	0.002	0.002	0.002	0.000	0.000	0.084	0.044	0.042	0.016	0.008	0.007	0.004	0.004	0.015	0.013	0.012	0.076	0.056	0.042	0.004	1.27E-06	2.39E-05	1.01E-06	26.195367	0.019
595190.33	4130131.74	0.003	0.002	0.002	0.000	0.000	0.075	0.040	0.037	0.015	0.007	0.006	0.003	0.003	0.017	0.015	0.013	0.060	0.045	0.034	0.004	1.08E-06	2.03E-05	8.64E-07	22.245959	0.016
595210.33	4130131.74	0.003	0.003	0.003	0.001	0.000	0.067	0.035	0.033	0.013	0.006	0.006	0.003	0.003	0.019	0.016	0.014	0.049	0.036	0.027	0.005	9.45E-07	1.75E-05	7.49E-07	19.225445	0.014
595230.33	4130131.74	0.004	0.004	0.003	0.001	0.000	0.060	0.031	0.029	0.012	0.006	0.005	0.003	0.003	0.020	0.017	0.015	0.040	0.030	0.022	0.005	8.39E-07	1.54E-05	6.61E-07	16.927298	0.013
595250.33	4130131.74	0.005	0.004	0.004	0.001	0.001	0.053	0.028	0.026	0.010	0.005	0.005	0.003	0.003	0.021	0.018	0.016	0.033	0.024	0.018	0.005	7.57E-07	1.38E-05	5.94E-07	15.161883	0.012
595430.33	4130131.74	0.014	0.012	0.010	0.004	0.004	0.019	0.010	0.009	0.004	0.002	0.002	0.002	0.002	0.018	0.015	0.013	0.009	0.007	0.005	0.005	3.85E-07	6.80E-06	3.05E-07	7.485752	0.007
595450.33	4130131.74	0.014	0.012	0.010	0.005	0.004	0.017	0.009	0.008	0.003	0.002	0.002	0.002	0.002	0.017	0.014	0.013	0.008	0.006	0.005	0.005	3.58E-07	6.30E-06	2.85E-07	6.9450618	0.007
595010.33	4130151.74	0.001	0.001	0.000	0.000	0.000	0.134	0.071	0.066	0.026	0.015	0.014	0.005	0.005	0.004	0.004	0.003	0.259	0.193	0.144	0.002	3.60E-06	7.03E-05	2.94E-06	76.835588	0.054
595030.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.144	0.076	0.071	0.028	0.015	0.013	0.005	0.005	0.005	0.005	0.004	0.225	0.168	0.125	0.002	3.16E-06	6.15E-05	2.57E-06	67.228646	0.047
595050.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.148	0.078	0.073	0.029	0.014	0.013	0.005	0.005	0.007	0.006	0.005	0.206	0.153	0.114	0.002	2.91E-06	5.67E-05	2.37E-06	61.981626	0.043
595090.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.138	0.073	0.068	0.027	0.012	0.011	0.005	0.005	0.010	0.009	0.008	0.178	0.132	0.099	0.003	2.58E-06	5.00E-05	2.10E-06	54.642355	0.038
595110.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.126	0.067	0.062	0.024	0.011	0.010	0.004	0.004	0.012	0.011	0.009	0.152	0.113	0.084	0.003	2.26E-06	4.37E-05	1.84E-06	47.794432	0.034
595130.33	4130151.74	0.002	0.001	0.001	0.000	0.000	0.114	0.060	0.056	0.022	0.010	0.009	0.004	0.004	0.015	0.013	0.011	0.120	0.089	0.067	0.004	1.86E-06	3.56E-05	1.50E-06	38.995086	0.028
595150.33	4130151.74	0.002	0.002	0.002	0.000	0.000	0.101	0.053	0.050	0.019	0.009	0.008	0.004	0.004	0.017	0.015	0.013	0.091	0.068	0.050	0.004	1.50E-06	2.84E-05	1.20E-06	31.133176	0.022
595170.33	4130151.74	0.003	0.002	0.002	0.000	0.000	0.088	0.047	0.044	0.017	0.008	0.007	0.004	0.004	0.019	0.017	0.014	0.069	0.051	0.038	0.005	1.23E-06	2.30E-05	9.78E-07	25.219901	0.018
595190.33	4130151.74	0.003	0.003	0.002	0.000	0.000	0.077	0.041	0.038	0.015	0.007	0.006	0.004	0.004	0.021	0.018	0.016	0.053	0.039	0.029	0.005	1.04E-06	1.93E-05	8.24E-07	21.171249	0.016
595210.33	4130151.74	0.004	0.004	0.003	0.001	0.000	0.067	0.035	0.033	0.013	0.006	0.006	0.003	0.003	0.023	0.020	0.017	0.042	0.031	0.023	0.006	9.12E-07	1.67E-05	7.16E-07	18.352761	0.014
595230.33	4130151.74	0.005	0.004	0.004	0.001	0.001	0.059	0.031	0.029	0.011	0.006	0.005	0.003	0.003	0.024	0.021	0.018	0.034	0.025	0.019	0.006	8.15E-07	1.48E-05	6.37E-07	16.272246	0.013
595250.33	4130151.74	0.006	0.006	0.005	0.001	0.001	0.051	0.027	0.025	0.010	0.005	0.005	0.003	0.003	0.025	0.022	0.019	0.027	0.020	0.015	0.006	7.43E-07	1.34E-05	5.79E-07	14.7351	0.012
595430.33	4130151.74	0.016	0.014	0.012	0.005	0.005	0.017	0.009	0.009	0.003	0.002	0.002	0.002	0.002	0.018	0.016	0.014	0.008	0.006	0.005	0.005	3.79E-07	6.68E-06	3.02E-07	7.3612342	0.008
595450.33	4130151.74	0.016	0.014	0.012	0.007	0.005	0.016	0.008	0.008	0.003	0.002	0.002	0.002	0.002	0.017	0.015	0.013	0.007	0.006	0.004	0.005	3.51E-07	6.17E-06	2.81E-07	6.8012075	0.008
594490.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	8.54E-08	1.48E-06	6.42E-08	1.6304638	0.001
594510.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.48E-08	1.64E-06	7.11E-08	1.8091161	0.001
594530.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	1.06E-07	1.83E-06	7.90E-08	2.0139425	0.002
594550.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.18E-07	2.04E-06	8.80E-08	2.2464748	0.002
594570.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.33E-07	2.29E-06	9.84E-08	2.5162105	0.002
594490.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.22E-08	1.57E-06	6.83E-08	1.7331635	0.001
594510.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000	1.02E-07	1.74E-06	7.55E-08	1.9184832	0.002
594530.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.003	0.000	1.14E-07	1.93E-06	8.35E-08	2.1269107	0.002
594550.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.27E-07	2.14E-06	9.25E-08	2.3596369	0.002
594570.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.008	0.006	0.004	0.000	1.43E-07	2.38E-06	1.03E-07	2.6227083	0.002
594470.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.01E-08	1.51E-06	6.59E-08	1.6669795	0.001
594490.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.93E-08	1.66E-06	7.21E-08	1.8273559	0.001
594550.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.007	0.005	0.004	0.000	1.37E-07	2.21E-06	9.60E-08	2.4462269	0.002
594570.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.008	0.006	0.004	0.001	1.53E-07	2.44E-06	1.06E-07	2.6986108	0.002
594470.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	9.65E-08	1.58E-06	6.90E-08	1.7435555	0.001
594490.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	1.06E-07	1.72E-06	7.52E-08	1.9047015	0.002
594530.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.007	0.005	0.004	0.001	1.32E-07	2.07E-06	9.00E-08	2.2881941	0.002
594550.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.007	0.005	0.004	0.001	1.47E-07	2.26E-06	9.84E-08	2.5069994	0.002
594570.33	4130411.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.003	0.003	0.002	0.001	0.001	0.008	0.006	0.004	0.001	1.66E-07	2.47E-06	1.08E-07	2.7476902	0.002
594470.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000	1.03E-07	1.63E-06	7.15E-08	1.8057674	0.002
594490.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.006	0.004	0.003	0.000	1.14E-07	1.77E-06	7.77E-08	1.9650727	0.002
594530.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.003	0.002	0.003	0.003	0.001	0.001	0.001	0.007	0.005	0.004	0.001	1.42E-07	2.10E-06	9.20E-08	2.335965	0.002
594550.33	4130431.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.003	0.003	0.002	0.001	0.001	0.007	0.005	0.004	0.001	1.61E-07	2.29E-06	1.00E-07	2.5477023	0.002
595474.53	4130151.04	0.016	0.014	0.012	0.008	0.007	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.016	0.014	0.012	0.007	0.005	0.004	0.004	3.20E-07	5.61E-06	2.57E-07	6.1904116	0.008
595514.53	4130151.04	0.014	0.012	0.011	0.010	0.008	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.013	0.012	0.010	0.006	0.004	0.003	0.004	2.74E-07	4.79E-06	2.22E-07	5.286076	0.007
595534.53	4130151.04	0.014	0.012	0.010	0.011	0.009	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.012	0.011	0.009	0.005	0.004	0.003	0.004	2.53E-07	4.43E-06	2.06E-07	4.8878736	0.007
595554.53	4130151.04	0.013	0.011	0.009	0.011	0.010	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.005	0.004	0.003	0.004	2.34E-07	4.10E-06	1.92E-07	4.5224957	0.007
595594.53	4130151.04	0.011	0.010	0.008	0.012	0.010	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.010	0.009	0.007	0.004	0.003	0.002	0.003	2.02E-07	3.52E-06	1.66E-07	3.8827487	0.006
595614.53	4130151.04	0.010	0.009	0.008	0.012	0.010	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.87E-07	3.26E-06	1.55E-07	3.6035551	0.006
595634.53	4130151.04	0.009	0.008	0.007	0.011	0.009	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.003	1.74E-07	3.03E-06	1.44E-07	3.3488699	0.006
595674.53	4130151.04	0.008	0.007	0.006	0.010	0.009	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.002	1.51E-07	2.63E-06	1.26E-07	2.9055015	0.005
595694.53	4130151.04	0.007	0.006	0.005	0.010	0.008	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.002	1.41E-07	2.45E-06	1.18E-07	2.7119501	0.005
595714.53	4130151.04	0.007	0.006	0.005	0.009	0.008	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.003	0.002	0.002	0.002	1.32E-07	2.29E-06	1.10E-07	2.5355148	0.004
595734.53	4130151.04	0.006	0.005	0.005	0.008	0.007	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.002	1.24E-07	2.15E-06	1.04E-07	2.3744531	0.004
595774.53	4130151.04	0.005	0.005	0.004	0.007	0.006	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.001	0.002	1.09E-07	1.89E-06	9.16E-08	2.0913589	0.003
595794.53	4130151.04	0.005	0.004	0.004	0.007	0.006	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.03E-07	1.78E-06	8.63E-08	1.9672796	0.003
595434.53	4130171.04	0.019	0.016	0.014	0.007	0.006	0.015	0.008	0.008	0.003	0.002	0.002	0.002	0.002	0.019	0.016	0.014	0.007	0.005	0.004	0.005	3.66E-07	6.43E-06	2.93E-07	7.0848675	0.008
595454.53	4130171.04	0.018	0.016	0.014	0.009	0.007	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.017	0.015	0.013	0.006	0.005	0.004	0.005	3.37E-07	5.91E-06	2.71E-07	6.5142854	0.008
595474.53	4130171.04	0.017	0.015	0.013	0.010	0.009	0.013	0.007	0.006	0.002	0.002	0.002	0.001	0.001	0.016	0.014	0.012	0.006	0.004	0.003	0.005	3.10E-07	5.43E-06	2.51E-07	5.9891407	0.008
595514.53	4130171.04	0.015	0.013	0.011	0.013	0.011	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.013	0.012	0.010	0.005	0.004	0.003	0.004	2.63E-07	4.59E-06	2.15E-07	5.0697676	0.008

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = ∑R1*C_{DPM}				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595534.53	4130171.04	0.014	0.012	0.011	0.014	0.011	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.012	0.011	0.009	0.005	0.004	0.003	0.004	2.42E-07	4.23E-06	1.99E-07	4.6699361	0.008
595554.53	4130171.04	0.013	0.011	0.010	0.014	0.012	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.008	0.004	0.003	0.002	0.004	2.24E-07	3.90E-06	1.84E-07	4.3067517	0.007
595594.53	4130171.04	0.011	0.010	0.008	0.014	0.011	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.91E-07	3.33E-06	1.58E-07	3.6777375	0.007
595614.53	4130171.04	0.010	0.009	0.008	0.013	0.011	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.77E-07	3.08E-06	1.47E-07	3.4065819	0.006
595634.53	4130171.04	0.009	0.008	0.007	0.012	0.010	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.003	0.002	0.003	1.65E-07	2.86E-06	1.37E-07	3.1606102	0.006
595674.53	4130171.04	0.008	0.007	0.006	0.011	0.009	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.002	1.43E-07	2.47E-06	1.19E-07	2.7345343	0.005
595694.53	4130171.04	0.007	0.006	0.005	0.010	0.009	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.003	0.002	0.002	0.002	1.33E-07	2.31E-06	1.12E-07	2.5505667	0.005
595714.53	4130171.04	0.007	0.006	0.005	0.009	0.008	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.002	1.24E-07	2.15E-06	1.04E-07	2.3832756	0.004
595734.53	4130171.04	0.006	0.005	0.004	0.009	0.007	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.001	0.002	1.17E-07	2.02E-06	9.79E-08	2.2303826	0.004
595774.53	4130171.04	0.005	0.004	0.004	0.007	0.006	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.03E-07	1.78E-06	8.65E-08	1.9646607	0.003
595794.53	4130171.04	0.005	0.004	0.003	0.007	0.006	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.68E-08	1.67E-06	8.15E-08	1.8485052	0.003
595434.53	4130211.04	0.024	0.021	0.018	0.013	0.011	0.012	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.019	0.016	0.014	0.005	0.004	0.003	0.005	3.41E-07	5.97E-06	2.77E-07	6.5868523	0.010
595474.53	4130211.04	0.020	0.018	0.015	0.018	0.015	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.015	0.013	0.011	0.005	0.003	0.003	0.005	2.82E-07	4.93E-06	2.32E-07	5.4460054	0.010
595494.53	4130211.04	0.019	0.016	0.014	0.020	0.016	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.014	0.012	0.010	0.004	0.003	0.002	0.004	2.57E-07	4.49E-06	2.13E-07	4.9612265	0.009
595514.53	4130211.04	0.017	0.014	0.012	0.020	0.017	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.012	0.011	0.009	0.004	0.003	0.002	0.004	2.35E-07	4.10E-06	1.95E-07	4.5315728	0.009
595534.53	4130211.04	0.015	0.013	0.011	0.020	0.017	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.004	0.003	0.002	0.004	2.16E-07	3.75E-06	1.80E-07	4.1476002	0.009
595574.53	4130211.04	0.012	0.011	0.009	0.019	0.016	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.003	0.002	0.003	1.82E-07	3.16E-06	1.53E-07	3.4990082	0.008
595594.53	4130211.04	0.011	0.009	0.008	0.017	0.014	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.003	1.68E-07	2.91E-06	1.41E-07	3.2242751	0.007
595614.53	4130211.04	0.010	0.008	0.007	0.016	0.013	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.003	1.55E-07	2.69E-06	1.31E-07	2.9797313	0.006
595634.53	4130211.04	0.009	0.008	0.007	0.014	0.012	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.002	1.44E-07	2.49E-06	1.22E-07	2.7595791	0.006
595654.53	4130211.04	0.008	0.007	0.006	0.013	0.011	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.002	1.34E-07	2.31E-06	1.13E-07	2.5617776	0.005
595674.53	4130211.04	0.007	0.006	0.005	0.012	0.010	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.003	0.002	0.001	0.002	1.25E-07	2.15E-06	1.05E-07	2.3835375	0.005
595694.53	4130211.04	0.007	0.006	0.005	0.011	0.009	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.16E-07	2.01E-06	9.85E-08	2.2230354	0.004
595714.53	4130211.04	0.006	0.005	0.004	0.010	0.008	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.09E-07	1.88E-06	9.22E-08	2.0777802	0.004
595734.53	4130211.04	0.005	0.005	0.004	0.009	0.007	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.02E-07	1.76E-06	8.64E-08	1.9461441	0.004
595774.53	4130211.04	0.004	0.004	0.003	0.007	0.006	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.01E-08	1.55E-06	7.64E-08	1.7172951	0.003
595794.53	4130211.04	0.004	0.004	0.003	0.006	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.001	8.49E-08	1.46E-06	7.20E-08	1.6175429	0.003
595434.53	4130231.04	0.026	0.023	0.020	0.019	0.016	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.018	0.016	0.014	0.005	0.004	0.003	0.005	3.23E-07	5.65E-06	2.66E-07	6.2392243	0.011
595474.53	4130231.04	0.021	0.018	0.016	0.024	0.020	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.014	0.013	0.011	0.004	0.003	0.002	0.005	2.65E-07	4.62E-06	2.20E-07	5.1075315	0.011
595494.53	4130231.04	0.019	0.016	0.014	0.025	0.021	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.013	0.011	0.010	0.004	0.003	0.002	0.004	2.41E-07	4.19E-06	2.01E-07	4.6355236	0.011
595514.53	4130231.04	0.017	0.014	0.012	0.025	0.021	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.012	0.010	0.009	0.004	0.003	0.002	0.004	2.19E-07	3.82E-06	1.84E-07	4.2216275	0.010
595534.53	4130231.04	0.015	0.013	0.011	0.024	0.020	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.011	0.009	0.008	0.003	0.003	0.002	0.004	2.01E-07	3.49E-06	1.69E-07	3.8551385	0.009
595574.53	4130231.04	0.012	0.010	0.009	0.021	0.017	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.003	1.69E-07	2.93E-06	1.43E-07	3.2430625	0.008
595594.53	4130231.04	0.010	0.009	0.008	0.019	0.016	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.003	1.56E-07	2.70E-06	1.32E-07	2.9873485	0.007
595614.53	4130231.04	0.009	0.008	0.007	0.017	0.014	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.003	1.44E-07	2.49E-06	1.22E-07	2.7593927	0.006
595634.53	4130231.04	0.008	0.007	0.006	0.015	0.013	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.001	0.002	1.34E-07	2.31E-06	1.13E-07	2.555767	0.006
595654.53	4130231.04	0.007	0.006	0.006	0.013	0.011	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.003	0.002	0.001	0.002	1.24E-07	2.14E-06	1.06E-07	2.3732696	0.005
595674.53	4130231.04	0.007	0.006	0.005	0.012	0.010	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.16E-07	2.00E-06	9.84E-08	2.2094926	0.005
595694.53	4130231.04	0.006	0.005	0.005	0.010	0.009	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.08E-07	1.86E-06	9.19E-08	2.0620076	0.004
595714.53	4130231.04	0.005	0.005	0.004	0.009	0.008	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.01E-07	1.74E-06	8.60E-08	1.9286427	0.004
595734.53	4130231.04	0.005	0.004	0.004	0.008	0.007	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.49E-08	1.63E-06	8.07E-08	1.8080191	0.003
595774.53	4130231.04	0.004	0.004	0.003	0.007	0.005	0.004	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.001	8.40E-08	1.44E-06	7.15E-08	1.5991102	0.003
595794.53	4130231.04	0.004	0.003	0.003	0.006	0.005	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.93E-08	1.36E-06	6.74E-08	1.5081102	0.003
595434.53	4130251.04	0.028	0.024	0.021	0.027	0.023	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.017	0.015	0.013	0.004	0.003	0.002	0.005	3.02E-07	5.27E-06	2.51E-07	5.8261362	0.013
595474.53	4130251.04	0.021	0.018	0.016	0.033	0.027	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.013	0.012	0.010	0.004	0.003	0.002	0.004	2.46E-07	4.28E-06	2.07E-07	4.7330815	0.012
595494.53	4130251.04	0.019	0.016	0.014	0.032	0.027	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.012	0.010	0.009	0.004	0.003	0.002	0.004	2.23E-07	3.87E-06	1.88E-07	4.2841258	0.012
595514.53	4130251.04	0.016	0.014	0.012	0.031	0.026	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.009	0.008	0.003	0.002	0.002	0.004	2.03E-07	3.52E-06	1.71E-07	3.8928581	0.011
595534.53	4130251.04	0.014	0.012	0.011	0.028	0.024	0.007	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.003	0.002	0.002	0.003	1.85E-07	3.21E-06	1.57E-07	3.5523091	0.010
595574.53	4130251.04	0.011	0.010	0.008	0.022	0.019	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.003	1.56E-07	2.70E-06	1.33E-07	2.9843271	0.008
595594.53	4130251.04	0.010	0.008	0.007	0.020	0.016	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.003	0.002	0.001	0.003	1.44E-07	2.48E-06	1.23E-07	2.7498971	0.007
595614.53	4130251.04	0.009	0.007	0.006	0.017	0.014	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.001	0.002	1.33E-07	2.29E-06	1.13E-07	2.5412032	0.006
595634.53	4130251.04	0.008	0.007	0.006	0.015	0.013	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.002	1.23E-07	2.13E-06	1.05E-07	2.3551285	0.005
595654.53	4130251.04	0.007	0.006	0.005	0.013	0.011	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.15E-07	1.98E-06	9.80E-08	2.1890456	0.005
595674.53	4130251.04	0.006	0.005	0.005	0.011	0.010	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.07E-07	1.84E-06	9.14E-08	2.0401041	0.004
595694.53	4130251.04	0.006	0.005	0.004	0.010	0.008	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.00E-07	1.72E-06	8.55E-08	1.9062094	0.004
595714.53	4130251.04	0.005	0.004	0.004	0.009	0.007	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.38E-08	1.61E-06	8.01E-08	1.7855841	0.004
595734.53	4130251.04	0.005	0.004	0.003	0.008	0.006	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.81E-08	1.51E-06	7.52E-08	1.6762666	0.003
595774.53	4130251.04	0.004	0.003	0.003	0.006	0.005	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.82E-08	1.34E-06	6.67E-08	1.486938	0.003
595794.53	4130251.04	0.003	0.003	0.003	0.005	0.005	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.39E-08	1.27E-06	6.30E-08	1.4038197	0.002
595474.53	4130271.04	0.021	0.018	0.015	0.043	0.036	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.012	0.011	0.009	0.003	0.003	0.002	0.004	2.25E-07	3.92E-06	1.91E-07	4.3328713	0.014
595494.53	4130271.04	0.018	0.015	0.013	0.040	0.033	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.010	0.008	0.003	0.002	0.002	0.004	2.04E-07	3.54E-06	1.74E-07	3.9177414	0.013
595514.53	4130271.04	0.015	0.013	0.011	0.036	0.030	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.009	0.007	0.003	0.002	0.002	0.003	1.85E-07	3.21E-06	1.58E-07	3.5585324	0.011
595534.53	4130271.04	0.013	0.011	0.010	0.031	0.026	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.003	1.69E-07	2.93E-06	1.45E-07	3.2450614	0.010
595574.53	4130271.04	0.010	0.009	0.008	0.023	0.019	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.003	0.002	0.001	0.003	1.43E-07	2.46E-06	1.22E-07	2.7290934	0.008
595594.53	4130271.04	0.009	0.008	0.007	0.020	0.016	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.002	1.32E-07	2.27E-06	1.13E-07	2.5175054	0.007
595614.53	4130271.04	0.008	0.007	0.006	0.017	0.014	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.002	1.22E-07	2.10E-06	1.05E-07	2.3289518	0.006
595774.53	4130271.04	0.003	0.003	0.003	0.005	0.005	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.28E-08	1.25E-06	6.22E-08	1.3810002	0.002
595794.53	4130271.04	0.003	0.003	0.002	0.005	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.89E-08	1.18E-06	5.88E-08	1.3064578	0.002

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595474.53	4130291.04	0.019	0.017	0.014	0.054	0.045	0.007	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.010	0.008	0.003	0.002	0.002	0.004	2.04E-07	3.54E-06	1.75E-07	3.9202799	0.016
595494.53	4130291.04	0.016	0.014	0.012	0.046	0.039	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.003	0.002	0.002	0.004	1.85E-07	3.20E-06	1.59E-07	3.5467012	0.014
595514.53	4130291.04	0.014	0.012	0.010	0.039	0.033	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.003	1.68E-07	2.91E-06	1.45E-07	3.2233315	0.012
595534.53	4130291.04	0.012	0.010	0.009	0.032	0.027	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.54E-07	2.66E-06	1.33E-07	2.9425411	0.010
595574.53	4130291.04	0.009	0.008	0.007	0.022	0.019	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.002	1.30E-07	2.24E-06	1.12E-07	2.4837934	0.007
595594.53	4130291.04	0.008	0.007	0.006	0.018	0.016	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.002	1.20E-07	2.07E-06	1.04E-07	2.2955831	0.006
595614.53	4130291.04	0.007	0.006	0.005	0.016	0.013	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.12E-07	1.92E-06	9.64E-08	2.1278348	0.005
595654.53	4130291.04	0.006	0.005	0.004	0.011	0.009	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.70E-08	1.67E-06	8.36E-08	1.8464931	0.004
595674.53	4130291.04	0.005	0.004	0.004	0.010	0.008	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.08E-08	1.56E-06	7.82E-08	1.7273133	0.004
595694.53	4130291.04	0.005	0.004	0.003	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.53E-08	1.46E-06	7.34E-08	1.6202644	0.003
595714.53	4130291.04	0.004	0.004	0.003	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.001	8.02E-08	1.37E-06	6.89E-08	1.5232721	0.003
595734.53	4130291.04	0.004	0.003	0.003	0.006	0.005	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.57E-08	1.29E-06	6.49E-08	1.4353827	0.003
595774.53	4130291.04	0.003	0.003	0.002	0.005	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.77E-08	1.16E-06	5.79E-08	1.2819899	0.002
595794.53	4130291.04	0.003	0.002	0.002	0.004	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.41E-08	1.10E-06	5.48E-08	1.2147326	0.002
595474.53	4130311.04	0.017	0.015	0.013	0.062	0.052	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.003	0.002	0.002	0.004	1.83E-07	3.17E-06	1.59E-07	3.5142503	0.017
595494.53	4130311.04	0.014	0.012	0.011	0.049	0.041	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.003	1.66E-07	2.87E-06	1.45E-07	3.1855992	0.014
595514.53	4130311.04	0.012	0.011	0.009	0.039	0.033	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.52E-07	2.62E-06	1.32E-07	2.9020335	0.011
595534.53	4130311.04	0.011	0.009	0.008	0.031	0.026	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.39E-07	2.40E-06	1.21E-07	2.6561683	0.009
595574.53	4130311.04	0.008	0.007	0.006	0.020	0.017	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.18E-07	2.03E-06	1.03E-07	2.2518772	0.007
595594.53	4130311.04	0.007	0.006	0.005	0.017	0.014	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.10E-07	1.88E-06	9.51E-08	2.0877174	0.006
595614.53	4130311.04	0.006	0.005	0.005	0.014	0.012	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.02E-07	1.75E-06	8.84E-08	1.9404173	0.005
595654.53	4130311.04	0.005	0.004	0.004	0.010	0.008	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.91E-08	1.53E-06	7.70E-08	1.6922771	0.004
595674.53	4130311.04	0.004	0.004	0.003	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.36E-08	1.43E-06	7.22E-08	1.5870234	0.003
595694.53	4130311.04	0.004	0.003	0.003	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.87E-08	1.35E-06	6.78E-08	1.4923017	0.003
595714.53	4130311.04	0.004	0.003	0.003	0.006	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.42E-08	1.27E-06	6.39E-08	1.4060964	0.003
595734.53	4130311.04	0.003	0.003	0.002	0.005	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.01E-08	1.20E-06	6.02E-08	1.3273846	0.002
595774.53	4130311.04	0.003	0.002	0.002	0.004	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.29E-08	1.07E-06	5.39E-08	1.1907291	0.002
595794.53	4130311.04	0.003	0.002	0.002	0.004	0.003	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.98E-08	1.02E-06	5.12E-08	1.1308268	0.002
595474.53	4130331.04	0.015	0.013	0.011	0.063	0.053	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.001	0.003	1.63E-07	2.82E-06	1.43E-07	3.1266476	0.016
595494.53	4130331.04	0.012	0.011	0.009	0.047	0.039	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.49E-07	2.57E-06	1.30E-07	2.8450599	0.013
595514.53	4130331.04	0.010	0.009	0.008	0.036	0.030	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.36E-07	2.34E-06	1.19E-07	2.6002399	0.010
595534.53	4130331.04	0.009	0.008	0.007	0.028	0.023	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.002	0.002	0.001	0.002	1.25E-07	2.15E-06	1.10E-07	2.3874696	0.008
595574.53	4130331.04	0.007	0.006	0.005	0.017	0.015	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.07E-07	1.84E-06	9.35E-08	2.0394738	0.006
595594.53	4130331.04	0.006	0.005	0.005	0.014	0.012	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.97E-08	1.71E-06	8.69E-08	1.8969269	0.005
595614.53	4130331.04	0.005	0.005	0.004	0.012	0.010	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.30E-08	1.59E-06	8.10E-08	1.7681502	0.004
595654.53	4130331.04	0.004	0.004	0.003	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.17E-08	1.40E-06	7.09E-08	1.5504453	0.003
595674.53	4130331.04	0.004	0.003	0.003	0.007	0.006	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.69E-08	1.31E-06	6.66E-08	1.4580871	0.003
595694.53	4130331.04	0.004	0.003	0.003	0.006	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.26E-08	1.24E-06	6.27E-08	1.3753016	0.003
595714.53	4130331.04	0.003	0.003	0.002	0.005	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.86E-08	1.17E-06	5.91E-08	1.298798	0.002
595734.53	4130331.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.49E-08	1.11E-06	5.59E-08	1.2290414	0.002
595774.53	4130331.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.86E-08	9.98E-07	5.02E-08	1.1070318	0.002
595794.53	4130331.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.58E-08	9.50E-07	4.78E-08	1.0536354	0.002
595414.53	4130351.04	0.021	0.019	0.016	0.168	0.141	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.009	0.008	0.003	0.002	0.002	0.004	1.96E-07	3.39E-06	1.73E-07	3.7594955	0.039
595434.53	4130351.04	0.017	0.015	0.013	0.114	0.096	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.003	0.002	0.002	0.004	1.76E-07	3.04E-06	1.56E-07	3.3749309	0.027
595474.53	4130351.04	0.012	0.010	0.009	0.054	0.045	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.002	0.002	0.001	0.003	1.45E-07	2.50E-06	1.28E-07	2.7717058	0.014
595494.53	4130351.04	0.010	0.009	0.008	0.039	0.033	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.33E-07	2.28E-06	1.17E-07	2.534029	0.011
595514.53	4130351.04	0.009	0.008	0.007	0.029	0.024	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.002	1.22E-07	2.10E-06	1.07E-07	2.3256871	0.008
595534.53	4130351.04	0.008	0.007	0.006	0.022	0.019	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.13E-07	1.93E-06	9.91E-08	2.1453949	0.007
595574.53	4130351.04	0.006	0.005	0.004	0.014	0.012	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.71E-08	1.66E-06	8.51E-08	1.8461451	0.005
595594.53	4130351.04	0.005	0.005	0.004	0.011	0.010	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.07E-08	1.55E-06	7.93E-08	1.7238377	0.004
595614.53	4130351.04	0.005	0.004	0.003	0.010	0.008	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.49E-08	1.45E-06	7.41E-08	1.6120219	0.003
595694.53	4130351.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.70E-08	1.14E-06	5.80E-08	1.2686714	0.002
595714.53	4130351.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.35E-08	1.08E-06	5.48E-08	1.2012153	0.002
595734.53	4130351.04	0.003	0.002	0.002	0.004	0.003	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.03E-08	1.03E-06	5.19E-08	1.1390383	0.002
595774.53	4130351.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.46E-08	9.30E-07	4.69E-08	1.0312911	0.002
595794.53	4130351.04	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.21E-08	8.86E-07	4.46E-08	0.9825871	0.001
595414.53	4130371.04	0.017	0.014	0.012	0.147	0.123	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.001	0.004	1.70E-07	2.94E-06	1.52E-07	3.26029	0.034
595434.53	4130371.04	0.014	0.012	0.010	0.089	0.075	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.54E-07	2.66E-06	1.38E-07	2.9478297	0.022
595474.53	4130371.04	0.010	0.008	0.007	0.039	0.033	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.28E-07	2.21E-06	1.14E-07	2.4505125	0.011
595494.53	4130371.04	0.008	0.007	0.006	0.028	0.024	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.002	1.18E-07	2.03E-06	1.05E-07	2.2533534	0.008
595514.53	4130371.04	0.007	0.006	0.005	0.021	0.018	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.09E-07	1.87E-06	9.67E-08	2.079342	0.006
595534.53	4130371.04	0.006	0.005	0.005	0.017	0.014	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	1.01E-07	1.74E-06	8.94E-08	1.9267901	0.005
595574.53	4130371.04	0.005	0.004	0.004	0.011	0.009	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.81E-08	1.51E-06	7.74E-08	1.6733292	0.004
595594.53	4130371.04	0.004	0.004	0.003	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.26E-08	1.41E-06	7.24E-08	1.5681	0.003
595614.53	4130371.04	0.004	0.003	0.003	0.008	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.76E-08	1.33E-06	6.78E-08	1.4715241	0.003
595654.53	4130371.04	0.003	0.003	0.002	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.91E-08	1.18E-06	6.01E-08	1.3078258	0.002
595674.53	4130371.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.54E-08	1.11E-06	5.67E-08	1.2365808	0.002
595694.53	4130371.04	0.003	0.002	0.002	0.004	0.004	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.20E-08	1.06E-06	5.36E-08	1.1721798	0.002

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595714.53	4130371.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.89E-08	1.00E-06	5.08E-08	1.1128059	0.002
595734.53	4130371.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.60E-08	9.54E-07	4.83E-08	1.0578835	0.002
595774.53	4130371.04	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.10E-08	8.67E-07	4.37E-08	0.9615485	0.001
595794.53	4130371.04	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.87E-08	8.28E-07	4.17E-08	0.9182676	0.001
595414.53	4130391.04	0.013	0.011	0.009	0.083	0.070	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.48E-07	2.55E-06	1.33E-07	2.8265436	0.020
595434.53	4130391.04	0.011	0.009	0.008	0.052	0.044	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.35E-07	2.32E-06	1.21E-07	2.5745692	0.013
595474.53	4130391.04	0.008	0.007	0.006	0.025	0.021	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.14E-07	1.96E-06	1.02E-07	2.1711333	0.007
595494.53	4130391.04	0.007	0.006	0.005	0.019	0.016	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.05E-07	1.81E-06	9.39E-08	2.0079684	0.006
595514.53	4130391.04	0.006	0.005	0.004	0.015	0.013	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.79E-08	1.68E-06	8.69E-08	1.8630188	0.005
595534.53	4130391.04	0.005	0.005	0.004	0.012	0.010	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.13E-08	1.56E-06	8.08E-08	1.7347535	0.004
595614.53	4130391.04	0.003	0.003	0.003	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.11E-08	1.21E-06	6.22E-08	1.3468309	0.002
595654.53	4130391.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.37E-08	1.09E-06	5.54E-08	1.2046925	0.002
595674.53	4130391.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.05E-08	1.03E-06	5.24E-08	1.1426975	0.002
595694.53	4130391.04	0.002	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.75E-08	9.78E-07	4.97E-08	1.0855545	0.002
595714.53	4130391.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.47E-08	9.31E-07	4.72E-08	1.0329798	0.002
595734.53	4130391.04	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.22E-08	8.87E-07	4.49E-08	0.9844773	0.001
595774.53	4130391.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.77E-08	8.10E-07	4.09E-08	0.8985635	0.001
595794.53	4130391.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.56E-08	7.75E-07	3.91E-08	0.8597472	0.001
595414.53	4130411.04	0.010	0.008	0.007	0.039	0.033	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.28E-07	2.21E-06	1.16E-07	2.4533132	0.011
595434.53	4130411.04	0.008	0.007	0.006	0.028	0.023	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.003	1.18E-07	2.03E-06	1.07E-07	2.2552801	0.008
595614.53	4130411.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.53E-08	1.11E-06	5.71E-08	1.2363336	0.002
595654.53	4130411.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.89E-08	1.00E-06	5.12E-08	1.1122995	0.002
595674.53	4130411.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.60E-08	9.53E-07	4.85E-08	1.0576728	0.002
595694.53	4130411.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.34E-08	9.08E-07	4.62E-08	1.0075142	0.001
595714.53	4130411.04	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.10E-08	8.66E-07	4.40E-08	0.96128	0.001
595734.53	4130411.04	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.87E-08	8.28E-07	4.19E-08	0.9181895	0.001
595774.53	4130411.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.46E-08	7.58E-07	3.83E-08	0.8409322	0.001
595794.53	4130411.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.28E-08	7.27E-07	3.66E-08	0.8064777	0.001
595414.53	4130431.04	0.007	0.006	0.006	0.022	0.019	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.13E-07	1.93E-06	1.02E-07	2.1461736	0.007
595434.53	4130431.04	0.006	0.006	0.005	0.017	0.015	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.04E-07	1.79E-06	9.42E-08	1.9868756	0.005
595454.53	4130431.04	0.006	0.005	0.004	0.014	0.012	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.69E-08	1.66E-06	8.72E-08	1.8447077	0.005
595474.53	4130431.04	0.005	0.004	0.004	0.011	0.009	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.06E-08	1.55E-06	8.11E-08	1.7230737	0.004
595494.53	4130431.04	0.005	0.004	0.003	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.49E-08	1.45E-06	7.56E-08	1.6116748	0.003
595514.53	4130431.04	0.004	0.004	0.003	0.008	0.007	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	7.97E-08	1.36E-06	7.07E-08	1.512389	0.003
595614.53	4130431.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.02E-08	1.03E-06	5.25E-08	1.1384437	0.002
595774.53	4130431.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.19E-08	7.11E-07	3.59E-08	0.7892272	0.001
595794.53	4130431.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.03E-08	6.83E-07	3.44E-08	0.7581922	0.001
595414.53	4130451.04	0.006	0.005	0.004	0.015	0.013	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	9.94E-08	1.70E-06	9.01E-08	1.8928354	0.005
595434.53	4130451.04	0.005	0.005	0.004	0.012	0.010	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.28E-08	1.59E-06	8.36E-08	1.7643537	0.004
595454.53	4130451.04	0.005	0.004	0.003	0.010	0.008	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.68E-08	1.48E-06	7.78E-08	1.6484309	0.004
595474.53	4130451.04	0.004	0.004	0.003	0.008	0.007	0.003	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.16E-08	1.39E-06	7.28E-08	1.5485391	0.003
595494.53	4130451.04	0.004	0.003	0.003	0.007	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.68E-08	1.31E-06	6.83E-08	1.4570257	0.003
595514.53	4130451.04	0.003	0.003	0.003	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.24E-08	1.24E-06	6.41E-08	1.3727341	0.002
595614.53	4130451.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.57E-08	9.48E-07	4.85E-08	1.0522101	0.002
595634.53	4130451.04	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.31E-08	9.04E-07	4.62E-08	1.0035032	0.001
595654.53	4130451.04	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.07E-08	8.62E-07	4.39E-08	0.9570713	0.001
595674.53	4130451.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.85E-08	8.24E-07	4.19E-08	0.9148334	0.001
595694.53	4130451.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.64E-08	7.89E-07	4.00E-08	0.8750227	0.001
595714.53	4130451.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.45E-08	7.56E-07	3.83E-08	0.8383029	0.001
595734.53	4130451.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.27E-08	7.25E-07	3.67E-08	0.8043941	0.001
595774.53	4130451.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.94E-08	6.69E-07	3.37E-08	0.7421969	0.001
595794.53	4130451.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.79E-08	6.44E-07	3.24E-08	0.7142881	0.001
595414.53	4130471.04	0.005	0.004	0.004	0.011	0.009	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.87E-08	1.52E-06	7.99E-08	1.6850736	0.004
595434.53	4130471.04	0.004	0.004	0.003	0.009	0.007	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.32E-08	1.42E-06	7.46E-08	1.5801188	0.003
595454.53	4130471.04	0.004	0.003	0.003	0.008	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	7.82E-08	1.34E-06	6.98E-08	1.4835451	0.003
595474.53	4130471.04	0.004	0.003	0.003	0.007	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.39E-08	1.26E-06	6.57E-08	1.4009046	0.003
595494.53	4130471.04	0.003	0.003	0.002	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.99E-08	1.19E-06	6.19E-08	1.324049	0.002
595514.53	4130471.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.62E-08	1.13E-06	5.84E-08	1.2531457	0.002
595614.53	4130471.04	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.16E-08	8.79E-07	4.49E-08	0.9756291	0.001
595634.53	4130471.04	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.94E-08	8.41E-07	4.28E-08	0.9327077	0.001
595654.53	4130471.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.72E-08	8.04E-07	4.09E-08	0.8919243	0.001
595674.53	4130471.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.53E-08	7.70E-07	3.91E-08	0.8544245	0.001
595694.53	4130471.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.34E-08	7.38E-07	3.74E-08	0.8189026	0.001
595714.53	4130471.04	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.17E-08	7.08E-07	3.58E-08	0.7857755	0.001
595734.53	4130471.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.01E-08	6.81E-07	3.44E-08	0.7553102	0.001
595774.53	4130471.04	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.71E-08	6.31E-07	3.17E-08	0.6995888	0.001
595794.53	4130471.04	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.58E-08	6.08E-07	3.05E-08	0.6742427	0.001
595414.53	4130491.04	0.004	0.003	0.003	0.008	0.007	0.003	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	7.98E-08	1.36E-06	7.14E-08	1.5133815	0.003

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595434.53	4130491.04	0.004	0.003	0.003	0.007	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.52E-08	1.28E-06	6.70E-08	1.4263034	0.003
595454.53	4130491.04	0.003	0.003	0.002	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.09E-08	1.21E-06	6.30E-08	1.344708	0.002
595474.53	4130491.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.73E-08	1.15E-06	5.95E-08	1.2746166	0.002
595494.53	4130491.04	0.003	0.002	0.002	0.005	0.004	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.39E-08	1.09E-06	5.63E-08	1.2093206	0.002
595514.53	4130491.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.07E-08	1.04E-06	5.33E-08	1.1496845	0.002
595614.53	4130491.04	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.80E-08	8.18E-07	4.16E-08	0.9076104	0.001
595634.53	4130491.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.61E-08	7.84E-07	3.98E-08	0.8697802	0.001
595654.53	4130491.04	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.42E-08	7.51E-07	3.81E-08	0.8337069	0.001
595674.53	4130491.04	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.24E-08	7.21E-07	3.65E-08	0.800096	0.001
595694.53	4130491.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.08E-08	6.93E-07	3.50E-08	0.7687152	0.001
595714.53	4130491.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.92E-08	6.66E-07	3.36E-08	0.7388934	0.001
595734.53	4130491.04	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.77E-08	6.41E-07	3.23E-08	0.7114309	0.001
594970.73	4130091.46	0.000	0.000	0.000	0.000	0.000	0.034	0.018	0.017	0.007	0.007	0.006	0.003	0.003	0.002	0.002	0.001	0.234	0.174	0.130	0.001	3.21E-06	6.31E-05	2.63E-06	68.909804	0.048
595473.2	4129914.46	0.003	0.003	0.002	0.001	0.001	0.019	0.010	0.009	0.004	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.015	0.012	0.009	0.002	3.20E-07	5.82E-06	2.54E-07	6.3951622	0.005
595513.2	4129914.46	0.004	0.003	0.003	0.001	0.001	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.013	0.010	0.007	0.002	2.94E-07	5.32E-06	2.33E-07	5.8512614	0.004
595533.2	4129914.46	0.004	0.003	0.003	0.001	0.001	0.016	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.013	0.009	0.007	0.002	2.81E-07	5.08E-06	2.23E-07	5.5833943	0.004
595553.2	4129914.46	0.004	0.003	0.003	0.002	0.001	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.012	0.009	0.006	0.002	2.69E-07	4.85E-06	2.13E-07	5.329212	0.004
595573.2	4129914.46	0.004	0.004	0.003	0.002	0.001	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.011	0.008	0.006	0.002	2.57E-07	4.63E-06	2.04E-07	5.0880131	0.004
595613.2	4129914.46	0.004	0.004	0.003	0.002	0.002	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.009	0.007	0.005	0.002	2.35E-07	4.21E-06	1.87E-07	4.6351657	0.004
595633.2	4129914.46	0.004	0.004	0.003	0.002	0.002	0.013	0.007	0.006	0.002	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.009	0.007	0.005	0.002	2.25E-07	4.02E-06	1.79E-07	4.4215401	0.004
595673.2	4129914.46	0.004	0.004	0.003	0.003	0.002	0.011	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.007	0.006	0.005	0.008	0.006	0.004	0.002	2.06E-07	3.66E-06	1.64E-07	4.0282466	0.004
595693.2	4129914.46	0.004	0.004	0.003	0.003	0.002	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.007	0.005	0.004	0.002	1.96E-07	3.49E-06	1.57E-07	3.8408603	0.004
595713.2	4129914.46	0.004	0.004	0.003	0.003	0.002	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.007	0.005	0.004	0.002	1.88E-07	3.33E-06	1.50E-07	3.6648018	0.003
595733.2	4129914.46	0.004	0.004	0.003	0.003	0.002	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.006	0.005	0.004	0.002	1.79E-07	3.17E-06	1.43E-07	3.4959063	0.003
595773.2	4129914.46	0.004	0.004	0.003	0.003	0.003	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.006	0.004	0.003	0.002	1.64E-07	2.89E-06	1.31E-07	3.1818816	0.003
595793.2	4129914.46	0.004	0.004	0.003	0.003	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.005	0.004	0.003	0.002	1.56E-07	2.75E-06	1.26E-07	3.0354801	0.003
595473.2	4129934.46	0.004	0.003	0.003	0.001	0.001	0.019	0.010	0.009	0.004	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.015	0.011	0.009	0.002	3.29E-07	5.98E-06	2.61E-07	6.5655775	0.005
595513.2	4129934.46	0.004	0.003	0.003	0.001	0.001	0.017	0.009	0.009	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.013	0.010	0.007	0.002	3.00E-07	5.42E-06	2.38E-07	5.9583795	0.005
595533.2	4129934.46	0.004	0.004	0.003	0.002	0.001	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.012	0.009	0.007	0.002	2.86E-07	5.16E-06	2.27E-07	5.6691981	0.004
595553.2	4129934.46	0.004	0.004	0.003	0.002	0.002	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.011	0.008	0.006	0.002	2.73E-07	4.90E-06	2.16E-07	5.3933542	0.004
595573.2	4129934.46	0.005	0.004	0.003	0.002	0.002	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.011	0.008	0.006	0.002	2.60E-07	4.66E-06	2.06E-07	5.1306608	0.004
595613.2	4129934.46	0.005	0.004	0.004	0.002	0.002	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.007	0.006	0.006	0.009	0.007	0.005	0.002	2.37E-07	4.23E-06	1.88E-07	4.6524272	0.004
595633.2	4129934.46	0.005	0.004	0.004	0.003	0.002	0.013	0.007	0.006	0.002	0.002	0.002	0.001	0.001	0.007	0.006	0.005	0.008	0.006	0.005	0.002	2.26E-07	4.02E-06	1.80E-07	4.4284814	0.004
595673.2	4129934.46	0.005	0.004	0.004	0.003	0.002	0.011	0.006	0.006	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.007	0.005	0.004	0.002	2.05E-07	3.64E-06	1.64E-07	4.0140739	0.004
595693.2	4129934.46	0.005	0.004	0.004	0.003	0.003	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.007	0.005	0.004	0.002	1.96E-07	3.47E-06	1.56E-07	3.8198303	0.004
595713.2	4129934.46	0.005	0.004	0.004	0.003	0.003	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.006	0.005	0.004	0.002	1.87E-07	3.30E-06	1.49E-07	3.6365031	0.004
595733.2	4129934.46	0.005	0.004	0.003	0.003	0.003	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.006	0.004	0.003	0.002	1.78E-07	3.14E-06	1.43E-07	3.4626428	0.003
595773.2	4129934.46	0.005	0.004	0.003	0.003	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.005	0.004	0.003	0.002	1.62E-07	2.85E-06	1.30E-07	3.139744	0.003
595793.2	4129934.46	0.004	0.004	0.003	0.003	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.005	0.004	0.003	0.002	1.54E-07	2.71E-06	1.24E-07	2.9901632	0.003
595473.2	4129954.46	0.004	0.004	0.003	0.001	0.001	0.020	0.010	0.010	0.004	0.002	0.002	0.002	0.002	0.008	0.007	0.006	0.015	0.011	0.008	0.002	3.36E-07	6.09E-06	2.67E-07	6.69736	0.005
595513.2	4129954.46	0.005	0.004	0.003	0.002	0.001	0.018	0.009	0.009	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.013	0.010	0.007	0.002	3.04E-07	5.49E-06	2.41E-07	6.0342407	0.005
595533.2	4129954.46	0.005	0.004	0.004	0.002	0.002	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.012	0.009	0.007	0.002	2.89E-07	5.20E-06	2.30E-07	5.7235295	0.005
595553.2	4129954.46	0.005	0.004	0.004	0.002	0.002	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.011	0.008	0.006	0.002	2.75E-07	4.94E-06	2.19E-07	5.4313622	0.005
595573.2	4129954.46	0.005	0.004	0.004	0.002	0.002	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.010	0.008	0.006	0.002	2.62E-07	4.68E-06	2.08E-07	5.1548971	0.004
595613.2	4129954.46	0.005	0.004	0.004	0.003	0.002	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.009	0.006	0.005	0.002	2.37E-07	4.22E-06	1.89E-07	4.646726	0.004
595633.2	4129954.46	0.005	0.005	0.004	0.003	0.002	0.012	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.008	0.007	0.006	0.008	0.006	0.004	0.002	2.26E-07	4.01E-06	1.80E-07	4.4132675	0.004
595673.2	4129954.46	0.005	0.005	0.004	0.003	0.003	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.007	0.005	0.004	0.002	2.04E-07	3.62E-06	1.63E-07	3.9837447	0.004
595693.2	4129954.46	0.005	0.004	0.004	0.003	0.003	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.007	0.005	0.004	0.002	1.94E-07	3.43E-06	1.56E-07	3.7834861	0.004
595713.2	4129954.46	0.005	0.004	0.004	0.004	0.003	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.006	0.005	0.003	0.002	1.85E-07	3.26E-06	1.48E-07	3.5956526	0.004
595733.2	4129954.46	0.005	0.004	0.004	0.004	0.003	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.006	0.004	0.003	0.002	1.76E-07	3.10E-06	1.41E-07	3.4167378	0.004
595773.2	4129954.46	0.005	0.004	0.004	0.004	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.005	0.004	0.003	0.002	1.59E-07	2.80E-06	1.28E-07	3.0867534	0.003
595793.2	4129954.46	0.005	0.004	0.003	0.004	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.005	0.004	0.003	0.002	1.52E-07	2.66E-06	1.22E-07	2.9347143	0.003
595473.2	4129974.46	0.005	0.004	0.003	0.002	0.001	0.020	0.011	0.010	0.004	0.002	0.002	0.002	0.002	0.009	0.008	0.007	0.015	0.011	0.008	0.003	3.41E-07	6.17E-06	2.71E-07	6.7832722	0.005
595513.2	4129974.46	0.005	0.004	0.004	0.002	0.002	0.018	0.009	0.009	0.003	0.002	0.002	0.001	0.001	0.009	0.008	0.007	0.012	0.009	0.007	0.003	3.07E-07	5.52E-06	2.44E-07	6.0737375	0.005
595533.2	4129974.46	0.005	0.005	0.004	0.002	0.002	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.009	0.008	0.007	0.011	0.009	0.006	0.003	2.92E-07	5.23E-06	2.31E-07	5.7481379	0.005
595553.2	4129974.46	0.005	0.005	0.004	0.002	0.002	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.009	0.008	0.007	0.011	0.008	0.006	0.003	2.76E-07	4.94E-06	2.20E-07	5.4393889	0.005
595613.2	4129974.46	0.006	0.005	0.004	0.003	0.003	0.013	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.008	0.007	0.006	0.008	0.006	0.005	0.002	2.36E-07	4.20E-06	1.88E-07	4.623056	0.004
595633.2	4129974.46	0.006	0.005	0.004	0.003	0.003	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.008	0.007	0.006	0.008	0.006	0.004	0.002	2.24E-07	3.98E-06	1.79E-07	4.3814687	0.004
595673.2	4129974.46	0.006	0.005	0.004	0.004	0.003	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.007	0.005	0.004	0.002	2.02E-07	3.57E-06	1.62E-07	3.9381612	0.004
595693.2	4129974.46	0.006	0.005	0.004	0.004	0.003	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.006	0.005	0.003	0.002	1.92E-07	3.39E-06	1.54E-07	3.7330506	0.004
595713.2	4129974.46	0.005	0.005	0.004	0.004	0.003	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.006	0.004	0.003	0.002	1.82E-07	3.21E-06	1.47E-07	3.5402386	0.004
595733.2	4129974.46	0.005	0.005	0.004	0.004	0.003	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.004	0.003	0.002	1.73E-07	3.05E-06	1.39E-07	3.3584239	0.004
595773.2	4129974.46	0.005	0.004	0.004	0.004	0.003	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.005	0.004	0.003	0.002	1.56E-07	2.74E-06	1.26E-07	3.0232126	0.003
595793.2	4129974.46	0.005	0.004	0.004	0.004	0.003	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.004	0.003	0.002	0.002	1.48E-07	2.60E-06	1.20E-07	2.8694523	0.003
595473.2	4129994.46	0.005	0.005	0.004	0.002	0.001	0.020	0.011	0.010	0.004	0.002	0.002	0.002	0.002	0.010	0.009	0.008	0.014	0.011	0.008	0.003	3.45E-07	6.21E-06	2.73E-07	6.8316204	0.005
595513.2	4129994.46	0.006	0.005	0.004	0.002	0.002	0.018	0.009	0.009	0.003	0.002	0.002	0.001	0.001	0.010	0.008	0.007	0.012	0.009	0.007	0.003	3.09E-07	5.53E-06	2.45E-07	6.082827	0.005
595533.2	4129994.46	0.006	0.005	0.004	0.003	0.002	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.010	0.008	0.007	0.011	0.008	0.006	0.003	2.92E-07	5.22E-06	2.32E-07	5.7431648	0.005
595553.2	4129994.46	0.006	0.005	0.005	0.003	0.002	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.009	0.008	0.007	0.010	0.007	0.006	0.003	2.76E-07	4.93E-06	2.20E-07	5.42423	0.005

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595613.2	4129994.46	0.006	0.005	0.005	0.004	0.003	0.013	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.009	0.007	0.006	0.008	0.006	0.004	0.003	2.35E-07	4.16E-06	1.87E-07	4.5800509	0.005
595633.2	4129994.46	0.006	0.005	0.005	0.004	0.003	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.008	0.007	0.006	0.007	0.005	0.004	0.002	2.22E-07	3.93E-06	1.78E-07	4.3308552	0.004
595673.2	4129994.46	0.006	0.005	0.004	0.004	0.004	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.006	0.005	0.003	0.002	2.00E-07	3.52E-06	1.60E-07	3.8774962	0.004
595693.2	4129994.46	0.006	0.005	0.004	0.004	0.004	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.006	0.004	0.003	0.002	1.89E-07	3.33E-06	1.52E-07	3.6677288	0.004
595713.2	4129994.46	0.006	0.005	0.004	0.004	0.004	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.004	0.003	0.002	1.79E-07	3.15E-06	1.44E-07	3.4721185	0.004
595733.2	4129994.46	0.006	0.005	0.004	0.004	0.004	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.004	0.003	0.002	1.70E-07	2.98E-06	1.37E-07	3.2875287	0.004
595773.2	4129994.46	0.005	0.005	0.004	0.004	0.004	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.004	0.003	0.002	0.002	1.53E-07	2.67E-06	1.24E-07	2.9493335	0.003
595793.2	4129994.46	0.005	0.004	0.004	0.004	0.004	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.004	0.003	0.002	0.002	1.45E-07	2.53E-06	1.18E-07	2.7950271	0.003
595473.2	4130014.46	0.006	0.005	0.005	0.002	0.002	0.020	0.011	0.010	0.004	0.002	0.002	0.002	0.002	0.011	0.009	0.008	0.013	0.010	0.007	0.003	3.46E-07	6.22E-06	2.74E-07	6.8387727	0.006
595513.2	4130014.46	0.007	0.006	0.005	0.003	0.002	0.018	0.009	0.009	0.003	0.002	0.002	0.001	0.001	0.010	0.009	0.008	0.011	0.008	0.006	0.003	3.09E-07	5.51E-06	2.45E-07	6.0647009	0.005
595533.2	4130014.46	0.007	0.006	0.005	0.003	0.002	0.016	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.010	0.009	0.008	0.010	0.008	0.006	0.003	2.91E-07	5.19E-06	2.31E-07	5.7122121	0.005
595553.2	4130014.46	0.007	0.006	0.005	0.003	0.003	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.010	0.009	0.008	0.009	0.007	0.005	0.003	2.75E-07	4.89E-06	2.19E-07	5.3842863	0.005
595593.2	4130014.46	0.007	0.006	0.005	0.004	0.003	0.013	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.009	0.008	0.007	0.008	0.006	0.004	0.003	2.46E-07	4.35E-06	1.96E-07	4.7917825	0.005
595613.2	4130014.46	0.007	0.006	0.005	0.004	0.004	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.009	0.008	0.007	0.007	0.005	0.004	0.003	2.32E-07	4.10E-06	1.86E-07	4.5187713	0.005
595633.2	4130014.46	0.007	0.006	0.005	0.004	0.004	0.011	0.006	0.006	0.002	0.001	0.001	0.001	0.001	0.009	0.007	0.006	0.007	0.005	0.004	0.003	2.19E-07	3.87E-06	1.76E-07	4.2640869	0.005
595673.2	4130014.46	0.006	0.006	0.005	0.005	0.004	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.006	0.004	0.003	0.002	1.96E-07	3.45E-06	1.58E-07	3.8016197	0.004
595693.2	4130014.46	0.006	0.005	0.005	0.005	0.004	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.005	0.004	0.003	0.002	1.85E-07	3.25E-06	1.50E-07	3.5894173	0.004
595713.2	4130014.46	0.006	0.005	0.005	0.005	0.004	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.004	0.003	0.002	1.75E-07	3.07E-06	1.42E-07	3.3913632	0.004
595733.2	4130014.46	0.006	0.005	0.004	0.005	0.004	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.004	0.003	0.002	1.66E-07	2.90E-06	1.34E-07	3.2050443	0.004
595773.2	4130014.46	0.005	0.005	0.004	0.005	0.004	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.004	0.003	0.002	0.002	1.49E-07	2.60E-06	1.21E-07	2.8658073	0.004
595793.2	4130014.46	0.005	0.004	0.004	0.005	0.004	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.004	0.003	0.002	0.002	1.41E-07	2.46E-06	1.15E-07	2.7118573	0.003
595473.2	4130034.46	0.007	0.006	0.005	0.002	0.002	0.020	0.010	0.010	0.004	0.002	0.002	0.002	0.002	0.012	0.010	0.009	0.012	0.009	0.007	0.003	3.47E-07	6.20E-06	2.74E-07	6.817483	0.006
595513.2	4130034.46	0.008	0.007	0.006	0.003	0.003	0.017	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.011	0.010	0.008	0.010	0.008	0.006	0.003	3.07E-07	5.47E-06	2.44E-07	6.0204267	0.006
595533.2	4130034.46	0.008	0.007	0.006	0.003	0.003	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.011	0.009	0.008	0.009	0.007	0.005	0.003	2.90E-07	5.14E-06	2.30E-07	5.6604166	0.005
595553.2	4130034.46	0.008	0.007	0.006	0.004	0.003	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.010	0.009	0.008	0.009	0.006	0.005	0.003	2.73E-07	4.83E-06	2.17E-07	5.3242196	0.005
595593.2	4130034.46	0.008	0.007	0.006	0.005	0.004	0.013	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.010	0.008	0.007	0.007	0.005	0.004	0.003	2.43E-07	4.28E-06	1.94E-07	4.7178152	0.005
595613.2	4130034.46	0.007	0.006	0.006	0.005	0.004	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.009	0.008	0.007	0.007	0.005	0.004	0.003	2.29E-07	4.03E-06	1.83E-07	4.438844	0.005
595633.2	4130034.46	0.007	0.006	0.005	0.005	0.004	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.006	0.005	0.003	0.003	2.15E-07	3.79E-06	1.73E-07	4.1803883	0.005
595673.2	4130034.46	0.007	0.006	0.005	0.005	0.005	0.009	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.005	0.004	0.003	0.002	1.92E-07	3.36E-06	1.55E-07	3.7112479	0.004
595693.2	4130034.46	0.007	0.006	0.005	0.005	0.005	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.005	0.004	0.003	0.002	1.81E-07	3.17E-06	1.47E-07	3.4975531	0.004
595713.2	4130034.46	0.006	0.006	0.005	0.005	0.005	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.005	0.003	0.003	0.002	1.71E-07	2.99E-06	1.39E-07	3.2980193	0.004
595733.2	4130034.46	0.006	0.005	0.005	0.005	0.005	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.61E-07	2.82E-06	1.31E-07	3.1112796	0.004
595773.2	4130034.46	0.006	0.005	0.004	0.005	0.004	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.004	0.003	0.002	0.002	1.44E-07	2.51E-06	1.18E-07	2.7731978	0.004
595793.2	4130034.46	0.005	0.005	0.004	0.005	0.004	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.004	0.003	0.002	0.002	1.36E-07	2.37E-06	1.11E-07	2.6205872	0.003
595473.2	4130054.46	0.008	0.007	0.006	0.003	0.002	0.019	0.010	0.010	0.004	0.002	0.002	0.002	0.002	0.013	0.011	0.010	0.011	0.009	0.006	0.004	3.45E-07	6.15E-06	2.73E-07	6.7696303	0.006
595513.2	4130054.46	0.009	0.007	0.006	0.004	0.003	0.016	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.012	0.010	0.009	0.009	0.007	0.005	0.003	3.05E-07	5.41E-06	2.43E-07	5.9554524	0.006
595533.2	4130054.46	0.009	0.007	0.006	0.004	0.003	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.011	0.010	0.009	0.009	0.006	0.005	0.003	2.87E-07	5.07E-06	2.29E-07	5.588341	0.006
595553.2	4130054.46	0.009	0.007	0.006	0.005	0.004	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.011	0.009	0.008	0.008	0.006	0.004	0.003	2.69E-07	4.76E-06	2.15E-07	5.2442519	0.005
595593.2	4130054.46	0.008	0.007	0.006	0.005	0.005	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.010	0.009	0.007	0.007	0.005	0.004	0.003	2.38E-07	4.20E-06	1.91E-07	4.6247455	0.005
595613.2	4130054.46	0.008	0.007	0.006	0.006	0.005	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.006	0.005	0.003	0.003	2.24E-07	3.94E-06	1.80E-07	4.3421192	0.005
595633.2	4130054.46	0.008	0.007	0.006	0.006	0.005	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.006	0.004	0.003	0.003	2.11E-07	3.70E-06	1.70E-07	4.0803255	0.005
595673.2	4130054.46	0.007	0.006	0.005	0.006	0.005	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.005	0.004	0.003	0.003	1.87E-07	3.27E-06	1.51E-07	3.6065706	0.004
595693.2	4130054.46	0.007	0.006	0.005	0.006	0.005	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.005	0.003	0.003	0.002	1.76E-07	3.07E-06	1.43E-07	3.3923854	0.004
595713.2	4130054.46	0.007	0.006	0.005	0.006	0.005	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.66E-07	2.89E-06	1.35E-07	3.1929443	0.004
595733.2	4130054.46	0.006	0.005	0.005	0.006	0.005	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.56E-07	2.72E-06	1.27E-07	3.0071112	0.004
595773.2	4130054.46	0.006	0.005	0.004	0.006	0.005	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.004	0.003	0.002	0.002	1.39E-07	2.42E-06	1.14E-07	2.6721177	0.004
595793.2	4130054.46	0.005	0.005	0.004	0.006	0.005	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.003	0.002	0.002	1.31E-07	2.28E-06	1.08E-07	2.522018	0.003
595473.2	4130074.46	0.009	0.008	0.007	0.003	0.003	0.019	0.010	0.009	0.004	0.002	0.002	0.002	0.002	0.014	0.012	0.010	0.010	0.008	0.006	0.004	3.43E-07	6.08E-06	2.72E-07	6.6996449	0.006
595513.2	4130074.46	0.010	0.008	0.007	0.004	0.004	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.012	0.011	0.009	0.009	0.006	0.005	0.004	3.01E-07	5.33E-06	2.40E-07	5.8701055	0.006
595533.2	4130074.46	0.010	0.008	0.007	0.005	0.004	0.014	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.012	0.010	0.009	0.008	0.006	0.004	0.003	2.83E-07	4.99E-06	2.26E-07	5.4935282	0.006
595553.2	4130074.46	0.009	0.008	0.007	0.005	0.005	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.011	0.010	0.009	0.007	0.005	0.004	0.003	2.65E-07	4.67E-06	2.12E-07	5.1438134	0.006
595593.2	4130074.46	0.009	0.008	0.007	0.006	0.005	0.011	0.006	0.006	0.002	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.006	0.005	0.003	0.003	2.33E-07	4.09E-06	1.88E-07	4.5131279	0.005
595613.2	4130074.46	0.009	0.008	0.006	0.007	0.006	0.010	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.006	0.004	0.003	0.003	2.19E-07	3.83E-06	1.77E-07	4.2283504	0.005
595633.2	4130074.46	0.008	0.007	0.006	0.007	0.006	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.005	0.004	0.003	0.003	2.05E-07	3.59E-06	1.66E-07	3.9633455	0.005
595673.2	4130074.46	0.008	0.007	0.006	0.007	0.006	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.005	0.003	0.003	0.003	1.81E-07	3.16E-06	1.47E-07	3.4880468	0.005
595693.2	4130074.46	0.007	0.006	0.005	0.007	0.006	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.007	0.007	0.006	0.004	0.003	0.002	0.002	1.70E-07	2.97E-06	1.39E-07	3.2745471	0.004
595713.2	4130074.46	0.007	0.006	0.005	0.007	0.006	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.60E-07	2.79E-06	1.31E-07	3.0765505	0.004
595733.2	4130074.46	0.006	0.006	0.005	0.007	0.006	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.50E-07	2.62E-06	1.23E-07	2.8928742	0.004
595773.2	4130074.46	0.006	0.005	0.004	0.006	0.005	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.003	0.002	0.002	1.33E-07	2.32E-06	1.10E-07	2.5638233	0.004
595793.2	4130074.46	0.005	0.005	0.004	0.006	0.005	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.002	1.26E-07	2.19E-06	1.04E-07	2.4169483	0.003
595473.2	4130094.46	0.011	0.009	0.008	0.004	0.003	0.018	0.009	0.009	0.003	0.002	0.002	0.002	0.002	0.014	0.012	0.011	0.009	0.007	0.005	0.004	3.39E-07	6.00E-06	2.70E-07	6.6099662	0.007
595513.2	4130094.46	0.011	0.009	0.008	0.005	0.005	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.013	0.011	0.010	0.008	0.006	0.004	0.004	2.97E-07	5.23E-06	2.37E-07	5.7611109	0.006
595533.2	4130094.46	0.011	0.009	0.008	0.006	0.005	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.012	0.011	0.009	0.007	0.005	0.004	0.004	2.77E-07	4.88E-06	2.22E-07	5.3780642	0.006
595553.2	4130094.46	0.010	0.009	0.008	0.007	0.006	0.012	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.011	0.010	0.009	0.007	0.005	0.004	0.003	2.59E-07	4.55E-06	2.09E-07	5.0215356	0.006
595593.2	4130094.46	0.010	0.008	0.007	0.007	0.006	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.006	0.004	0.003	0.003	2.27E-07	3.97E-06	1.84E-07	4.3817916	0.006
595613.2	4130094.46	0.009	0.008	0.007	0.008	0.006	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.005	0.004	0.003	0.003	2.12E-07	3.71E-06	1.72E-07	4.0949649	0.005
595633.2	4130094.46	0.009	0.008	0.007	0.008	0.007	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.005	0.004	0.003	0.003	1.98E-07	3.47E-06	1.62E-07	3.8293012	0.005
595673.2	4130094.46	0.008	0.007	0.006	0.008	0.007	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.003	1.74E-07	3.04E-06	1.43E-07	3.3559617	0.005

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595693.2	4130094.46	0.007	0.006	0.006	0.008	0.006	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.004	0.003	0.002	0.002	1.63E-07	2.85E-06	1.34E-07	3.1448293	0.004
595713.2	4130094.46	0.007	0.006	0.005	0.007	0.006	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.53E-07	2.67E-06	1.26E-07	2.9497526	0.004
595733.2	4130094.46	0.007	0.006	0.005	0.007	0.006	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.004	0.003	0.002	0.002	1.44E-07	2.51E-06	1.19E-07	2.7697296	0.004
595773.2	4130094.46	0.006	0.005	0.004	0.007	0.006	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.002	1.28E-07	2.22E-06	1.06E-07	2.4488892	0.004
595793.2	4130094.46	0.005	0.005	0.004	0.006	0.005	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.002	1.20E-07	2.09E-06	9.96E-08	2.3064691	0.003
595473.2	4130114.46	0.012	0.011	0.009	0.005	0.004	0.016	0.009	0.008	0.003	0.002	0.002	0.002	0.002	0.015	0.013	0.011	0.008	0.006	0.005	0.004	3.34E-07	5.90E-06	2.67E-07	6.4972779	0.007
595513.2	4130114.46	0.012	0.010	0.009	0.007	0.006	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.013	0.012	0.010	0.007	0.005	0.004	0.004	2.90E-07	5.11E-06	2.33E-07	5.6286001	0.007
595533.2	4130114.46	0.012	0.010	0.009	0.007	0.006	0.013	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.012	0.011	0.009	0.006	0.005	0.004	0.004	2.71E-07	4.75E-06	2.18E-07	5.2383073	0.006
595553.2	4130114.46	0.011	0.010	0.008	0.008	0.007	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.012	0.010	0.009	0.006	0.004	0.003	0.003	2.52E-07	4.42E-06	2.04E-07	4.8762171	0.006
595593.2	4130114.46	0.010	0.009	0.008	0.009	0.007	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.005	0.004	0.003	0.003	2.19E-07	3.83E-06	1.78E-07	4.2308154	0.006
595613.2	4130114.46	0.010	0.008	0.007	0.009	0.007	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.005	0.004	0.003	0.003	2.04E-07	3.57E-06	1.67E-07	3.9434075	0.006
595633.2	4130114.46	0.009	0.008	0.007	0.009	0.007	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.91E-07	3.33E-06	1.56E-07	3.6792832	0.005
595673.2	4130114.46	0.008	0.007	0.006	0.009	0.007	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.003	1.67E-07	2.91E-06	1.37E-07	3.2114099	0.005
595693.2	4130114.46	0.007	0.006	0.006	0.008	0.007	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.002	1.56E-07	2.72E-06	1.29E-07	3.0043798	0.005
595713.2	4130114.46	0.007	0.006	0.005	0.008	0.007	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.003	0.002	0.002	1.46E-07	2.55E-06	1.21E-07	2.8140209	0.004
595733.2	4130114.46	0.007	0.006	0.005	0.008	0.006	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.003	0.002	0.002	0.002	1.37E-07	2.39E-06	1.14E-07	2.6389529	0.004
595773.2	4130114.46	0.006	0.005	0.004	0.007	0.006	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.002	1.21E-07	2.11E-06	1.01E-07	2.3288404	0.004
595793.2	4130114.46	0.005	0.005	0.004	0.007	0.005	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.002	1.14E-07	1.98E-06	9.52E-08	2.191511	0.003
595473.2	4130134.46	0.014	0.012	0.011	0.006	0.005	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.015	0.014	0.012	0.007	0.006	0.004	0.004	3.28E-07	5.77E-06	2.63E-07	6.3612337	0.007
595513.2	4130134.46	0.013	0.012	0.010	0.008	0.007	0.013	0.007	0.006	0.002	0.002	0.001	0.001	0.001	0.013	0.012	0.010	0.006	0.005	0.003	0.004	2.83E-07	4.96E-06	2.28E-07	5.4691232	0.007
595533.2	4130134.46	0.013	0.011	0.010	0.009	0.008	0.012	0.006	0.006	0.002	0.002	0.001	0.001	0.001	0.013	0.011	0.010	0.006	0.004	0.003	0.004	2.62E-07	4.60E-06	2.13E-07	5.0722509	0.007
595553.2	4130134.46	0.012	0.011	0.009	0.010	0.008	0.011	0.006	0.005	0.002	0.001	0.001	0.001	0.001	0.012	0.010	0.009	0.005	0.004	0.003	0.004	2.44E-07	4.26E-06	1.98E-07	4.705928	0.007
595593.2	4130134.46	0.011	0.009	0.008	0.010	0.009	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.005	0.003	0.003	0.003	2.11E-07	3.68E-06	1.72E-07	4.0592202	0.006
595613.2	4130134.46	0.010	0.009	0.007	0.010	0.009	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.96E-07	3.42E-06	1.61E-07	3.7741447	0.006
595633.2	4130134.46	0.009	0.008	0.007	0.010	0.009	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.003	1.83E-07	3.18E-06	1.50E-07	3.5132939	0.005
595673.2	4130134.46	0.008	0.007	0.006	0.010	0.008	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.004	0.003	0.002	0.002	1.59E-07	2.76E-06	1.32E-07	3.055597	0.005
595693.2	4130134.46	0.007	0.006	0.006	0.009	0.008	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.003	0.002	0.002	1.49E-07	2.58E-06	1.23E-07	2.8542498	0.005
595713.2	4130134.46	0.007	0.006	0.005	0.009	0.007	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.003	0.002	0.002	0.002	1.39E-07	2.42E-06	1.16E-07	2.6703302	0.004
595733.2	4130134.46	0.006	0.006	0.005	0.008	0.007	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.003	0.002	0.002	0.002	1.30E-07	2.26E-06	1.09E-07	2.5018245	0.004
595773.2	4130134.46	0.006	0.005	0.004	0.007	0.006	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.002	1.15E-07	1.99E-06	9.61E-08	2.2048112	0.004
595793.2	4130134.46	0.005	0.004	0.004	0.007	0.006	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.001	0.002	1.08E-07	1.87E-06	9.05E-08	2.0737462	0.003
594298.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	5.99E-08	9.62E-07	4.29E-08	1.0651807	0.001
594318.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.46E-08	1.03E-06	4.58E-08	1.1388436	0.001
594338.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.99E-08	1.10E-06	4.90E-08	1.2187045	0.001
594358.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.59E-08	1.18E-06	5.24E-08	1.3054205	0.001
594378.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	8.26E-08	1.26E-06	5.61E-08	1.3992746	0.001
594398.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.000	9.02E-08	1.35E-06	6.01E-08	1.500458	0.001
594418.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.001	9.89E-08	1.45E-06	6.44E-08	1.6094229	0.001
594438.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.003	0.001	1.09E-07	1.55E-06	6.91E-08	1.7273276	0.002
594458.04	4130501.51	0.001	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.003	0.003	0.001	0.001	0.001	0.005	0.004	0.003	0.001	1.21E-07	1.66E-06	7.40E-08	1.854916	0.002
594498.04	4130501.51	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.003	0.002	0.004	0.004	0.002	0.002	0.001	0.006	0.004	0.003	0.001	1.54E-07	1.90E-06	8.51E-08	2.1413652	0.002
594518.04	4130501.51	0.001	0.001	0.000	0.000	0.000	0.009	0.005	0.005	0.002	0.003	0.003	0.005	0.005	0.002	0.002	0.001	0.006	0.004	0.003	0.001	1.77E-07	2.03E-06	9.12E-08	2.3025364	0.003
594538.04	4130501.51	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.007	0.007	0.002	0.002	0.002	0.006	0.005	0.003	0.001	2.07E-07	2.17E-06	9.77E-08	2.4800818	0.003
594298.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.29E-08	9.92E-07	4.43E-08	1.0993918	0.001
594318.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.79E-08	1.06E-06	4.73E-08	1.1731746	0.001
594338.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	7.34E-08	1.13E-06	5.04E-08	1.2524185	0.001
594358.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.002	0.000	7.96E-08	1.20E-06	5.39E-08	1.3382554	0.001
594378.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.000	8.67E-08	1.29E-06	5.75E-08	1.4297796	0.001
594398.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.001	9.48E-08	1.37E-06	6.14E-08	1.528625	0.001
594418.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.001	1.04E-07	1.47E-06	6.57E-08	1.6350107	0.002
594438.04	4130521.51	0.001	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.003	0.003	0.001	0.001	0.001	0.005	0.003	0.003	0.001	1.15E-07	1.56E-06	7.02E-08	1.7492041	0.002
594458.04	4130521.51	0.001	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.005	0.004	0.003	0.001	1.28E-07	1.67E-06	7.50E-08	1.872426	0.002
594498.04	4130521.51	0.001	0.001	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.003	0.002	0.005	0.005	0.002	0.002	0.001	0.005	0.004	0.003	0.001	1.63E-07	1.90E-06	8.57E-08	2.1474723	0.002
594518.04	4130521.51	0.001	0.001	0.000	0.000	0.000	0.009	0.005	0.005	0.002	0.003	0.003	0.006	0.006	0.002	0.002	0.002	0.006	0.004	0.003	0.001	1.88E-07	2.02E-06	9.16E-08	2.3018927	0.003
594538.04	4130521.51	0.001	0.001	0.001	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.008	0.008	0.002	0.002	0.002	0.006	0.004	0.003	0.001	2.19E-07	2.15E-06	9.80E-08	2.4712768	0.003
594298.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.57E-08	1.02E-06	4.57E-08	1.1295303	0.001
594318.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	7.09E-08	1.08E-06	4.86E-08	1.2025694	0.001
594358.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.000	8.32E-08	1.23E-06	5.51E-08	1.3642334	0.001
594418.04	4130541.51	0.001	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.004	0.003	0.002	0.001	1.09E-07	1.48E-06	6.67E-08	1.6530065	0.002
594438.04	4130541.51	0.001	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.004	0.003	0.002	0.001	1.20E-07	1.57E-06	7.11E-08	1.7631734	0.002
594458.04	4130541.51	0.001	0.001	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.002	0.002	0.004	0.004	0.002	0.001	0.001	0.005	0.003	0.003	0.001	1.34E-07	1.67E-06	7.58E-08	1.8817395	0.002
594498.04	4130541.51	0.001	0.001	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.003	0.002	0.005	0.005	0.002	0.002	0.002	0.005	0.004	0.003	0.001	1.69E-07	1.89E-06	8.62E-08	2.1441059	0.003
594518.04	4130541.51	0.001	0.001	0.001	0.000	0.000	0.009	0.005	0.005	0.002	0.003	0.003	0.007	0.007	0.002	0.002	0.002	0.005	0.004	0.003	0.001	1.93E-07	2.01E-06	9.19E-08	2.2896753	0.003
594538.04	4130541.51	0.001	0.001	0.001	0.000	0.000	0.010	0.005	0.005	0.002	0.003	0.003	0.008	0.008	0.003	0.002	0.002	0.006	0.004	0.003	0.001	2.21E-07	2.13E-06	9.81E-08	2.4480397	0.003
594298.04	4130561.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	6.84E-08	1.04E-06	4.68E-08	1.1550439	0.001
594318.04	4130561.51	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.000	7.38E-08	1.10E-06	4.97E-08	1.2264432	0.001
594798.04	4130621.51	0.003	0.003	0.002	0.001	0.001	0.010	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.010	0.008	0.007	0.005	0.003	0.003	0.008	2.21E-07	3.59E-06	2.39E-07	4.0485104	0.003
594818.04	4130621.51	0.004	0.003	0.003	0.001	0.001	0.010	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.010	0.009	0.008	0.005	0.003	0.003	0.008	2.24E-07	3.70E-06	2.51E-07	4.1743441	0.003

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594838.04	4130621.51	0.004	0.003	0.003	0.001	0.001	0.010	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.011	0.009	0.008	0.005	0.003	0.003	0.009	2.26E-07	3.79E-06	2.60E-07	4.2757968	0.003
594858.04	4130621.51	0.004	0.004	0.003	0.002	0.001	0.009	0.005	0.005	0.002	0.002	0.001	0.002	0.002	0.011	0.010	0.008	0.004	0.003	0.002	0.009	2.28E-07	3.86E-06	2.66E-07	4.352474	0.003
594878.04	4130621.51	0.005	0.004	0.003	0.002	0.001	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.004	0.003	0.002	0.009	2.29E-07	3.89E-06	2.68E-07	4.3877652	0.003
594898.04	4130621.51	0.005	0.004	0.004	0.002	0.002	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.004	0.003	0.002	0.009	2.27E-07	3.89E-06	2.67E-07	4.3833589	0.003
594918.04	4130621.51	0.005	0.005	0.004	0.002	0.002	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.004	0.003	0.002	0.009	2.24E-07	3.85E-06	2.61E-07	4.3344724	0.003
594938.04	4130621.51	0.006	0.005	0.004	0.002	0.002	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.011	0.010	0.009	0.004	0.003	0.002	0.008	2.19E-07	3.78E-06	2.51E-07	4.2553427	0.003
594958.04	4130621.51	0.006	0.005	0.004	0.003	0.002	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.010	0.008	0.004	0.003	0.002	0.007	2.13E-07	3.68E-06	2.36E-07	4.1299607	0.003
594978.04	4130621.51	0.006	0.005	0.005	0.003	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.011	0.009	0.008	0.003	0.003	0.002	0.007	2.04E-07	3.53E-06	2.16E-07	3.9464387	0.003
594998.04	4130621.51	0.006	0.006	0.005	0.003	0.003	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.009	0.008	0.003	0.002	0.002	0.006	1.93E-07	3.34E-06	1.94E-07	3.7271798	0.003
595018.04	4130621.51	0.007	0.006	0.005	0.003	0.003	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.003	0.002	0.002	0.005	1.80E-07	3.12E-06	1.73E-07	3.4695378	0.003
595038.04	4130621.51	0.007	0.006	0.005	0.004	0.003	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.004	1.66E-07	2.87E-06	1.54E-07	3.1924347	0.003
595058.04	4130621.51	0.007	0.006	0.005	0.004	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.001	0.003	1.51E-07	2.61E-06	1.37E-07	2.8998344	0.003
595078.04	4130621.51	0.007	0.006	0.005	0.004	0.004	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.36E-07	2.35E-06	1.23E-07	2.6087748	0.003
595118.04	4130621.51	0.006	0.006	0.005	0.005	0.004	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.10E-07	1.89E-06	9.98E-08	2.1020459	0.003
595138.04	4130621.51	0.006	0.005	0.005	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.00E-07	1.71E-06	9.10E-08	1.904853	0.003
595158.04	4130621.51	0.006	0.005	0.004	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.20E-08	1.57E-06	8.36E-08	1.7433539	0.003
595198.04	4130621.51	0.005	0.004	0.004	0.005	0.004	0.003	0.002	0.001	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	7.92E-08	1.35E-06	7.22E-08	1.4991768	0.003
595218.04	4130621.51	0.004	0.004	0.003	0.005	0.004	0.003	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.42E-08	1.26E-06	6.75E-08	1.4029531	0.002
595238.04	4130621.51	0.004	0.003	0.003	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.99E-08	1.19E-06	6.34E-08	1.3216158	0.002
595578.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.45E-08	5.89E-07	2.94E-08	0.6525783	0.001
595598.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.34E-08	5.70E-07	2.84E-08	0.631638	0.001
595618.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.24E-08	5.52E-07	2.75E-08	0.6114658	0.001
595638.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.13E-08	5.34E-07	2.66E-08	0.5921886	0.001
595658.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	3.04E-08	5.18E-07	2.57E-08	0.5740291	0.001
595678.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.94E-08	5.02E-07	2.49E-08	0.5565582	0.001
595778.04	4130621.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.54E-08	4.34E-07	2.14E-08	0.4803961	0.001
594758.04	4130641.51	0.003	0.002	0.002	0.001	0.001	0.009	0.005	0.004	0.002	0.002	0.002	0.002	0.002	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.96E-07	3.06E-06	1.93E-07	3.4482332	0.003
594778.04	4130641.51	0.003	0.003	0.002	0.001	0.001	0.009	0.005	0.004	0.002	0.002	0.002	0.002	0.002	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.97E-07	3.16E-06	2.03E-07	3.5642022	0.003
594798.04	4130641.51	0.003	0.003	0.002	0.001	0.001	0.009	0.005	0.004	0.002	0.002	0.002	0.002	0.002	0.009	0.008	0.007	0.004	0.003	0.002	0.007	1.99E-07	3.25E-06	2.12E-07	3.6605444	0.003
594818.04	4130641.51	0.003	0.003	0.003	0.001	0.001	0.009	0.005	0.004	0.002	0.002	0.002	0.002	0.002	0.009	0.008	0.007	0.004	0.003	0.002	0.007	2.00E-07	3.32E-06	2.19E-07	3.739166	0.003
594838.04	4130641.51	0.004	0.003	0.003	0.002	0.001	0.009	0.005	0.004	0.002	0.002	0.001	0.002	0.002	0.009	0.008	0.007	0.004	0.003	0.002	0.007	2.01E-07	3.37E-06	2.23E-07	3.7944308	0.003
594858.04	4130641.51	0.004	0.003	0.003	0.002	0.001	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.004	0.003	0.002	0.007	2.01E-07	3.40E-06	2.25E-07	3.8283423	0.003
594878.04	4130641.51	0.004	0.004	0.003	0.002	0.002	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.004	0.003	0.002	0.007	2.00E-07	3.41E-06	2.25E-07	3.8312502	0.003
594898.04	4130641.51	0.005	0.004	0.003	0.002	0.002	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.004	0.003	0.002	0.007	1.98E-07	3.39E-06	2.23E-07	3.8068878	0.003
594918.04	4130641.51	0.005	0.004	0.004	0.002	0.002	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.004	0.003	0.002	0.007	1.94E-07	3.34E-06	2.17E-07	3.7471804	0.003
594938.04	4130641.51	0.005	0.004	0.004	0.002	0.002	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.010	0.008	0.007	0.004	0.003	0.002	0.007	1.90E-07	3.27E-06	2.09E-07	3.6699438	0.003
594958.04	4130641.51	0.005	0.005	0.004	0.003	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.006	1.84E-07	3.17E-06	1.97E-07	3.5516373	0.003
594978.04	4130641.51	0.005	0.005	0.004	0.003	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.008	0.007	0.003	0.002	0.002	0.005	1.76E-07	3.04E-06	1.81E-07	3.3976696	0.003
594998.04	4130641.51	0.006	0.005	0.004	0.003	0.003	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.007	0.003	0.002	0.002	0.005	1.67E-07	2.88E-06	1.64E-07	3.2107035	0.003
595018.04	4130641.51	0.006	0.005	0.004	0.003	0.003	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.004	1.56E-07	2.69E-06	1.48E-07	2.9960591	0.003
595038.04	4130641.51	0.006	0.005	0.004	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.003	0.002	0.001	0.003	1.44E-07	2.49E-06	1.33E-07	2.7694636	0.003
595058.04	4130641.51	0.006	0.005	0.004	0.004	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.002	0.002	0.001	0.003	1.32E-07	2.28E-06	1.19E-07	2.5285208	0.003
595078.04	4130641.51	0.006	0.005	0.004	0.004	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.003	1.20E-07	2.06E-06	1.07E-07	2.2898679	0.003
595118.04	4130641.51	0.005	0.005	0.004	0.004	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.001	0.001	0.002	9.87E-08	1.69E-06	8.83E-08	1.8742618	0.003
595138.04	4130641.51	0.005	0.004	0.004	0.004	0.004	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.02E-08	1.54E-06	8.09E-08	1.709589	0.003
595158.04	4130641.51	0.005	0.004	0.004	0.004	0.004	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.32E-08	1.42E-06	7.48E-08	1.573059	0.002
595198.04	4130641.51	0.004	0.004	0.003	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.002	0.002	0.001	0.001	0.002	7.21E-08	1.22E-06	6.51E-08	1.3621093	0.002
595218.04	4130641.51	0.004	0.003	0.003	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.78E-08	1.15E-06	6.11E-08	1.278249	0.002
595238.04	4130641.51	0.003	0.003	0.002	0.004	0.004	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.39E-08	1.08E-06	5.76E-08	1.2053571	0.002
595278.04	4130641.51	0.003	0.002	0.002	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.76E-08	9.76E-07	5.16E-08	1.0854564	0.002
595298.04	4130641.51	0.002	0.002	0.002	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.50E-08	9.32E-07	4.91E-08	1.0362098	0.002
595318.04	4130641.51	0.002	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.26E-08	8.92E-07	4.68E-08	0.990922	0.002
595338.04	4130641.51	0.002	0.002	0.001	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.03E-08	8.54E-07	4.46E-08	0.9484087	0.002
595378.04	4130641.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.64E-08	7.87E-07	4.07E-08	0.8743942	0.001
595398.04	4130641.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.47E-08	7.58E-07	3.90E-08	0.8415733	0.001
595418.04	4130641.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.30E-08	7.30E-07	3.74E-08	0.8104165	0.001
595438.04	4130641.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.14E-08	7.04E-07	3.59E-08	0.7813848	0.001
595478.04	4130641.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.87E-08	6.57E-07	3.33E-08	0.7292496	0.001
595498.04	4130641.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.73E-08	6.35E-07	3.21E-08	0.7043882	0.001
595518.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.61E-08	6.14E-07	3.09E-08	0.6813097	0.001
595538.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.49E-08	5.95E-07	2.99E-08	0.6597208	0.001
595578.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.27E-08	5.57E-07	2.78E-08	0.6179296	0.001
595598.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.17E-08	5.40E-07	2.69E-08	0.5989264	0.001
595618.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	3.07E-08	5.24E-07	2.61E-08	0.5807135	0.001
595638.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.98E-08	5.08E-07	2.52E-08	0.5634137	0.001
595658.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.89E-08	4.93E-07	2.45E-08	0.546815	0.001
595678.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.81E-08	4.79E-07	2.37E-08	0.5309625	0.001
595718.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.65E-08	4.52E-07	2.23E-08	0.5010708	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595738.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.58E-08	4.40E-07	2.17E-08	0.4871231	0.001
595758.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.50E-08	4.27E-07	2.10E-08	0.4733372	0.001
595778.04	4130641.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.44E-08	4.16E-07	2.04E-08	0.4603321	0.001
594538.04	4130661.51	0.001	0.001	0.001	0.001	0.000	0.007	0.004	0.004	0.001	0.002	0.002	0.004	0.004	0.003	0.003	0.003	0.004	0.003	0.002	0.002	1.52E-07	1.88E-06	9.55E-08	2.1246565	0.002
594558.04	4130661.51	0.001	0.001	0.001	0.001	0.000	0.008	0.004	0.004	0.001	0.002	0.002	0.004	0.004	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.57E-07	1.96E-06	1.01E-07	2.2137153	0.002
594578.04	4130661.51	0.001	0.001	0.001	0.001	0.000	0.008	0.004	0.004	0.002	0.002	0.002	0.004	0.004	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.62E-07	2.04E-06	1.07E-07	2.3081137	0.002
594598.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.004	0.004	0.004	0.004	0.003	0.004	0.003	0.002	0.002	1.66E-07	2.12E-06	1.13E-07	2.4018513	0.002
594618.04	4130661.51	0.002	0.001	0.001	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.004	0.004	0.005	0.004	0.003	0.004	0.003	0.002	0.003	1.70E-07	2.21E-06	1.20E-07	2.4972982	0.003
594718.04	4130661.51	0.002	0.002	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.003	0.003	0.006	0.006	0.005	0.004	0.003	0.002	0.004	1.79E-07	2.65E-06	1.60E-07	2.988895	0.003
594738.04	4130661.51	0.002	0.002	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.78E-07	2.73E-06	1.67E-07	3.0752462	0.003
594758.04	4130661.51	0.003	0.002	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.78E-07	2.81E-06	1.75E-07	3.1612234	0.003
594778.04	4130661.51	0.003	0.002	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.007	0.007	0.006	0.004	0.003	0.002	0.005	1.78E-07	2.88E-06	1.82E-07	3.240056	0.003
594798.04	4130661.51	0.003	0.003	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.001	0.002	0.002	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.78E-07	2.94E-06	1.87E-07	3.3032714	0.003
594818.04	4130661.51	0.003	0.003	0.002	0.001	0.001	0.008	0.004	0.004	0.002	0.002	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.79E-07	2.98E-06	1.91E-07	3.3509514	0.003
594838.04	4130661.51	0.004	0.003	0.003	0.002	0.001	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.78E-07	3.00E-06	1.92E-07	3.3757646	0.003
594858.04	4130661.51	0.004	0.003	0.003	0.002	0.001	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.78E-07	3.02E-06	1.93E-07	3.3860081	0.003
594878.04	4130661.51	0.004	0.003	0.003	0.002	0.002	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.76E-07	3.00E-06	1.92E-07	3.3721964	0.003
594898.04	4130661.51	0.004	0.004	0.003	0.002	0.002	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.004	0.003	0.002	0.006	1.74E-07	2.97E-06	1.89E-07	3.337435	0.003
594918.04	4130661.51	0.004	0.004	0.003	0.002	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.003	0.002	0.006	1.70E-07	2.92E-06	1.84E-07	3.2740816	0.003
594938.04	4130661.51	0.005	0.004	0.003	0.002	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.005	1.66E-07	2.86E-06	1.77E-07	3.1999092	0.003
594958.04	4130661.51	0.005	0.004	0.003	0.003	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.005	1.60E-07	2.77E-06	1.67E-07	3.0966474	0.003
594978.04	4130661.51	0.005	0.004	0.004	0.003	0.002	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.008	0.007	0.006	0.003	0.002	0.002	0.004	1.53E-07	2.65E-06	1.55E-07	2.9589223	0.003
594998.04	4130661.51	0.005	0.004	0.004	0.003	0.002	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.006	0.003	0.002	0.002	0.004	1.46E-07	2.52E-06	1.41E-07	2.8034156	0.003
595018.04	4130661.51	0.005	0.004	0.004	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.001	0.003	1.37E-07	2.36E-06	1.28E-07	2.6217386	0.002
595038.04	4130661.51	0.005	0.004	0.004	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.002	0.002	0.001	0.003	1.27E-07	2.19E-06	1.16E-07	2.4332375	0.002
595058.04	4130661.51	0.005	0.004	0.004	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.17E-07	2.01E-06	1.05E-07	2.2301118	0.002
595078.04	4130661.51	0.005	0.004	0.004	0.004	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.002	1.07E-07	1.83E-06	9.47E-08	2.0314816	0.002
595118.04	4130661.51	0.005	0.004	0.003	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.89E-08	1.52E-06	7.88E-08	1.6850945	0.002
595138.04	4130661.51	0.004	0.004	0.003	0.004	0.003	0.003	0.002	0.001	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.18E-08	1.39E-06	7.26E-08	1.5461385	0.002
595158.04	4130661.51	0.004	0.004	0.003	0.004	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.57E-08	1.29E-06	6.74E-08	1.4292165	0.002
595198.04	4130661.51	0.004	0.003	0.003	0.004	0.003	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.61E-08	1.12E-06	5.90E-08	1.2453134	0.002
595218.04	4130661.51	0.003	0.003	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.22E-08	1.05E-06	5.56E-08	1.1721788	0.002
595238.04	4130661.51	0.003	0.003	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.89E-08	9.97E-07	5.26E-08	1.1081975	0.002
595278.04	4130661.51	0.002	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.32E-08	9.00E-07	4.74E-08	1.0010669	0.002
595298.04	4130661.51	0.002	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.09E-08	8.61E-07	4.53E-08	0.9570334	0.002
595318.04	4130661.51	0.002	0.002	0.001	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.87E-08	8.24E-07	4.32E-08	0.9162331	0.001
595338.04	4130661.51	0.002	0.002	0.001	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.67E-08	7.91E-07	4.13E-08	0.8789084	0.001
595378.04	4130661.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.32E-08	7.32E-07	3.79E-08	0.8136098	0.001
595398.04	4130661.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.17E-08	7.06E-07	3.64E-08	0.7844891	0.001
595418.04	4130661.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.02E-08	6.82E-07	3.50E-08	0.7569105	0.001
595438.04	4130661.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.88E-08	6.59E-07	3.37E-08	0.7314446	0.001
595478.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.64E-08	6.18E-07	3.13E-08	0.6852531	0.001
595498.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.52E-08	5.98E-07	3.02E-08	0.6636575	0.001
595518.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.41E-08	5.80E-07	2.92E-08	0.6430097	0.001
595538.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.31E-08	5.62E-07	2.82E-08	0.6235933	0.001
595578.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.11E-08	5.29E-07	2.64E-08	0.5861927	0.001
595598.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	3.01E-08	5.13E-07	2.56E-08	0.5689422	0.001
595618.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.93E-08	4.99E-07	2.48E-08	0.5526708	0.001
595638.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.84E-08	4.84E-07	2.40E-08	0.5369464	0.001
595658.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.76E-08	4.71E-07	2.33E-08	0.5217571	0.001
595678.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.68E-08	4.58E-07	2.26E-08	0.5072166	0.001
595698.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.61E-08	4.45E-07	2.20E-08	0.4934146	0.001
595718.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.54E-08	4.33E-07	2.14E-08	0.4797763	0.001
595738.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.47E-08	4.22E-07	2.08E-08	0.4671108	0.001
595758.04	4130661.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.40E-08	4.10E-07	2.02E-08	0.4545347	0.001
595778.04	4130661.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.34E-08	4.00E-07	1.96E-08	0.4426093	0.000
595798.04	4130661.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.28E-08	3.89E-07	1.91E-08	0.4307819	0.000
594418.04	4130681.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.002	0.001	1.09E-07	1.42E-06	6.88E-08	1.6004408	0.002
594438.04	4130681.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.002	0.001	1.15E-07	1.48E-06	7.24E-08	1.6721536	0.002
594458.04	4130681.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.002	0.002	0.002	0.004	0.003	0.002	0.001	1.21E-07	1.55E-06	7.62E-08	1.7452754	0.002
594478.04	4130681.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.003	0.002	0.002	0.004	0.003	0.002	0.001	1.26E-07	1.61E-06	8.02E-08	1.8199651	0.002
594498.04	4130681.51	0.001	0.001	0.001	0.000	0.000	0.007	0.003	0.003	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.004	0.003	0.002	0.001	1.32E-07	1.68E-06	8.45E-08	1.8977748	0.002
594518.04	4130681.51	0.001	0.001	0.001	0.001	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.004	0.003	0.002	0.002	1.37E-07	1.75E-06	8.90E-08	1.9741649	0.002
594538.04	4130681.51	0.001	0.001	0.001	0.001	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.002	0.002	1.41E-07	1.82E-06	9.38E-08	2.0523746	0.002
594558.04	4130681.51	0.001	0.001	0.001	0.001	0.000	0.007	0.004	0.003	0.001	0.002	0.002	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.45E-07	1.89E-06	9.88E-08	2.131566	0.002
594578.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.002	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.49E-07	1.96E-06	1.04E-07	2.2134114	0.002
594598.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.003	0.004	0.003	0.002	0.002	1.53E-07	2.03E-06	1.10E-07	2.2959596	0.002
594618.04	4130681.51	0.002	0.001	0.001	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.002	0.003	0.003	0.004	0.004	0.003	0.004	0.003	0.002	0.003	1.56E-07	2.11E-06	1.16E-07	2.3787948	0.002

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594718.04	4130681.51	0.002	0.002	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.002	0.002	0.002	0.006	0.005	0.005	0.004	0.003	0.002	0.004	1.63E-07	2.46E-06	1.48E-07	2.7729637	0.002
594738.04	4130681.51	0.002	0.002	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.001	0.002	0.002	0.006	0.005	0.005	0.004	0.003	0.002	0.004	1.62E-07	2.52E-06	1.53E-07	2.833828	0.002
594758.04	4130681.51	0.003	0.002	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.001	0.002	0.002	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.61E-07	2.58E-06	1.58E-07	2.8946577	0.002
594778.04	4130681.51	0.003	0.002	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.002	0.001	0.002	0.002	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.61E-07	2.62E-06	1.62E-07	2.9469517	0.002
594798.04	4130681.51	0.003	0.003	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.61E-07	2.66E-06	1.65E-07	2.9878431	0.002
594818.04	4130681.51	0.003	0.003	0.002	0.001	0.001	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.61E-07	2.68E-06	1.67E-07	3.0125193	0.002
594838.04	4130681.51	0.003	0.003	0.002	0.002	0.001	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.004	0.003	0.002	0.005	1.59E-07	2.69E-06	1.67E-07	3.0164058	0.002
594858.04	4130681.51	0.004	0.003	0.003	0.002	0.001	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.003	0.002	0.005	1.58E-07	2.69E-06	1.67E-07	3.0110843	0.002
594878.04	4130681.51	0.004	0.003	0.003	0.002	0.002	0.007	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.003	0.002	0.005	1.56E-07	2.67E-06	1.66E-07	2.9893186	0.002
594898.04	4130681.51	0.004	0.003	0.003	0.002	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.005	1.54E-07	2.63E-06	1.63E-07	2.9509477	0.002
594918.04	4130681.51	0.004	0.003	0.003	0.002	0.002	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.005	1.50E-07	2.58E-06	1.58E-07	2.8882933	0.002
594938.04	4130681.51	0.004	0.004	0.003	0.002	0.002	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.004	1.46E-07	2.52E-06	1.52E-07	2.8188275	0.002
594958.04	4130681.51	0.004	0.004	0.003	0.002	0.002	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.002	0.004	1.41E-07	2.44E-06	1.44E-07	2.7246462	0.002
594978.04	4130681.51	0.004	0.004	0.003	0.003	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.005	0.003	0.002	0.001	0.004	1.36E-07	2.34E-06	1.34E-07	2.6092236	0.002
594998.04	4130681.51	0.004	0.004	0.003	0.003	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.006	0.005	0.003	0.002	0.001	0.003	1.29E-07	2.22E-06	1.23E-07	2.4737293	0.002
595018.04	4130681.51	0.004	0.004	0.003	0.003	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.005	0.002	0.002	0.001	0.003	1.21E-07	2.09E-06	1.12E-07	2.3194579	0.002
595038.04	4130681.51	0.004	0.004	0.003	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.002	0.002	0.001	0.002	1.13E-07	1.94E-06	1.02E-07	2.1591828	0.002
595058.04	4130681.51	0.004	0.004	0.003	0.003	0.003	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.04E-07	1.79E-06	9.27E-08	1.9873136	0.002
595078.04	4130681.51	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.005	0.004	0.003	0.002	0.001	0.001	0.002	9.58E-08	1.64E-06	8.45E-08	1.8215541	0.002
595118.04	4130681.51	0.004	0.003	0.003	0.003	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.08E-08	1.38E-06	7.11E-08	1.5275803	0.002
595138.04	4130681.51	0.004	0.003	0.003	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.45E-08	1.27E-06	6.56E-08	1.4064365	0.002
595158.04	4130681.51	0.004	0.003	0.003	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.93E-08	1.18E-06	6.12E-08	1.3061901	0.002
595198.04	4130681.51	0.003	0.003	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.09E-08	1.03E-06	5.39E-08	1.1455743	0.002
595218.04	4130681.51	0.003	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.75E-08	9.73E-07	5.09E-08	1.081511	0.002
595238.04	4130681.51	0.003	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.45E-08	9.22E-07	4.83E-08	1.0244568	0.002
595278.04	4130681.51	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.94E-08	8.35E-07	4.38E-08	0.9277988	0.001
595298.04	4130681.51	0.002	0.002	0.001	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.73E-08	7.99E-07	4.19E-08	0.8879879	0.001
595318.04	4130681.51	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.53E-08	7.66E-07	4.01E-08	0.8517635	0.001
595338.04	4130681.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.35E-08	7.36E-07	3.84E-08	0.8176142	0.001
595378.04	4130681.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.04E-08	6.83E-07	3.54E-08	0.7588737	0.001
595398.04	4130681.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.90E-08	6.60E-07	3.41E-08	0.7333084	0.001
595418.04	4130681.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.77E-08	6.38E-07	3.28E-08	0.7081742	0.001
595438.04	4130681.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.64E-08	6.17E-07	3.16E-08	0.6854504	0.001
595478.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.43E-08	5.81E-07	2.95E-08	0.6449736	0.001
595498.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.32E-08	5.64E-07	2.85E-08	0.6258387	0.001
595518.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.23E-08	5.48E-07	2.76E-08	0.6076188	0.001
595538.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.13E-08	5.32E-07	2.67E-08	0.5902238	0.001
595578.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.95E-08	5.03E-07	2.51E-08	0.5572289	0.001
595598.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.87E-08	4.89E-07	2.44E-08	0.5418798	0.001
595618.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.79E-08	4.76E-07	2.36E-08	0.5271308	0.001
595638.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.72E-08	4.63E-07	2.30E-08	0.5127266	0.001
595658.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.64E-08	4.50E-07	2.23E-08	0.4988969	0.001
595678.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.57E-08	4.38E-07	2.17E-08	0.485607	0.001
595698.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.50E-08	4.26E-07	2.10E-08	0.4724798	0.001
595718.04	4130681.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.43E-08	4.15E-07	2.05E-08	0.4599386	0.001
595738.04	4130681.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.37E-08	4.05E-07	1.99E-08	0.4483788	0.000
595758.04	4130681.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.31E-08	3.95E-07	1.94E-08	0.4370577	0.000
595778.04	4130681.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.25E-08	3.85E-07	1.89E-08	0.4259885	0.000
595798.04	4130681.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.19E-08	3.74E-07	1.84E-08	0.4145972	0.000
594318.04	4130701.51	0.001	0.001	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.001	8.15E-08	1.13E-06	5.37E-08	1.2680054	0.001
594338.04	4130701.51	0.001	0.001	0.000	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.001	8.61E-08	1.18E-06	5.63E-08	1.3253359	0.001
594358.04	4130701.51	0.001	0.001	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	9.08E-08	1.23E-06	5.91E-08	1.3835985	0.001
594378.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	9.57E-08	1.29E-06	6.20E-08	1.4447722	0.001
594398.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.01E-07	1.34E-06	6.51E-08	1.5074259	0.002
594418.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.06E-07	1.40E-06	6.84E-08	1.5714025	0.002
594438.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.10E-07	1.45E-06	7.18E-08	1.6370503	0.002
594458.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.15E-07	1.51E-06	7.54E-08	1.7034671	0.002
594478.04	4130701.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.002	0.001	1.20E-07	1.57E-06	7.91E-08	1.7710413	0.002
594498.04	4130701.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	1.24E-07	1.63E-06	8.32E-08	1.8407146	0.002
594518.04	4130701.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	1.28E-07	1.69E-06	8.73E-08	1.9084402	0.002
594538.04	4130701.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.002	0.002	1.32E-07	1.75E-06	9.17E-08	1.9778385	0.002
594558.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.007	0.003	0.003	0.001	0.002	0.001	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.35E-07	1.82E-06	9.62E-08	2.0462076	0.002
594578.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.007	0.004	0.003	0.001	0.002	0.001	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.002	0.002	1.38E-07	1.88E-06	1.01E-07	2.1159561	0.002
594598.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.007	0.004	0.003	0.001	0.002	0.001	0.003	0.003	0.004	0.004	0.003	0.004	0.003	0.002	0.002	1.41E-07	1.94E-06	1.06E-07	2.1863231	0.002
594618.04	4130701.51	0.002	0.001	0.001	0.001	0.001	0.007	0.004	0.003	0.001	0.002	0.001	0.003	0.003	0.004	0.004	0.003	0.004	0.003	0.002	0.003	1.44E-07	2.00E-06	1.11E-07	2.2535107	0.002
595278.04	4130701.51	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.61E-08	7.77E-07	4.05E-08	0.863682	0.001
595298.04	4130701.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.41E-08	7.44E-07	3.88E-08	0.8272557	0.001
595318.04	4130701.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.24E-08	7.15E-07	3.73E-08	0.794576	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595338.04	4130701.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.07E-08	6.87E-07	3.58E-08	0.7636626	0.001
595378.04	4130701.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.79E-08	6.39E-07	3.31E-08	0.7102455	0.001
595398.04	4130701.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.66E-08	6.18E-07	3.19E-08	0.6867635	0.001
595418.04	4130701.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.54E-08	5.98E-07	3.08E-08	0.6644304	0.001
595438.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.43E-08	5.80E-07	2.97E-08	0.643839	0.001
595478.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.23E-08	5.48E-07	2.79E-08	0.607717	0.001
595498.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.14E-08	5.32E-07	2.70E-08	0.5907749	0.001
595518.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.05E-08	5.18E-07	2.62E-08	0.5747128	0.001
595538.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.97E-08	5.04E-07	2.54E-08	0.5589585	0.001
595578.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.81E-08	4.78E-07	2.39E-08	0.5296181	0.001
595598.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.74E-08	4.65E-07	2.32E-08	0.5158089	0.001
595618.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.66E-08	4.53E-07	2.26E-08	0.5025613	0.001
595638.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.59E-08	4.41E-07	2.19E-08	0.489359	0.001
595658.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.52E-08	4.30E-07	2.13E-08	0.4764818	0.001
595678.04	4130701.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.46E-08	4.19E-07	2.07E-08	0.4646318	0.001
595698.04	4130701.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.40E-08	4.09E-07	2.02E-08	0.452883	0.000
595718.04	4130701.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.34E-08	3.99E-07	1.97E-08	0.442025	0.000
595738.04	4130701.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.28E-08	3.89E-07	1.91E-08	0.4311123	0.000
595758.04	4130701.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.22E-08	3.80E-07	1.86E-08	0.4204153	0.000
595778.04	4130701.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.17E-08	3.70E-07	1.82E-08	0.4103669	0.000
595798.04	4130701.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.12E-08	3.61E-07	1.77E-08	0.4000186	0.000
594318.04	4130721.51	0.001	0.001	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.001	8.05E-08	1.12E-06	5.37E-08	1.2578433	0.001
594338.04	4130721.51	0.001	0.001	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.001	8.47E-08	1.17E-06	5.63E-08	1.3116427	0.001
594358.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	8.88E-08	1.22E-06	5.89E-08	1.3661529	0.001
594378.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	9.31E-08	1.27E-06	6.17E-08	1.4221504	0.001
594398.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.74E-08	1.32E-06	6.46E-08	1.4800109	0.001
594418.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.02E-07	1.37E-06	6.77E-08	1.5391123	0.002
594438.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.06E-07	1.42E-06	7.09E-08	1.5983925	0.002
594458.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.10E-07	1.47E-06	7.43E-08	1.6580668	0.002
594478.04	4130721.51	0.001	0.001	0.001	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.13E-07	1.53E-06	7.77E-08	1.7181495	0.002
594498.04	4130721.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.17E-07	1.58E-06	8.14E-08	1.7797749	0.002
594518.04	4130721.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.20E-07	1.63E-06	8.52E-08	1.8400471	0.002
594538.04	4130721.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.23E-07	1.69E-06	8.91E-08	1.8994733	0.002
594558.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.26E-07	1.74E-06	9.30E-08	1.9579806	0.002
594578.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.28E-07	1.79E-06	9.72E-08	2.0174636	0.002
594598.04	4130721.51	0.002	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.003	0.003	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.31E-07	1.84E-06	1.01E-07	2.0752964	0.002
594618.04	4130721.51	0.002	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.33E-07	1.89E-06	1.06E-07	2.131839	0.002
594678.04	4130721.51	0.002	0.002	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.37E-07	2.04E-06	1.18E-07	2.290319	0.002
594698.04	4130721.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.37E-07	2.08E-06	1.21E-07	2.3353548	0.002
594718.04	4130721.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.36E-07	2.11E-06	1.25E-07	2.3731212	0.002
594758.04	4130721.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.004	1.34E-07	2.17E-06	1.29E-07	2.4291142	0.002
594778.04	4130721.51	0.003	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.002	0.004	1.33E-07	2.19E-06	1.30E-07	2.4487274	0.002
594798.04	4130721.51	0.003	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.004	1.32E-07	2.19E-06	1.31E-07	2.4565342	0.002
594818.04	4130721.51	0.003	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.004	1.31E-07	2.19E-06	1.31E-07	2.4556937	0.002
594838.04	4130721.51	0.003	0.003	0.002	0.002	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.004	1.29E-07	2.19E-06	1.30E-07	2.4442907	0.002
594858.04	4130721.51	0.003	0.003	0.002	0.002	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.004	1.27E-07	2.17E-06	1.29E-07	2.426073	0.002
594878.04	4130721.51	0.003	0.003	0.002	0.002	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.004	1.25E-07	2.14E-06	1.27E-07	2.3957355	0.002
594898.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.006	0.005	0.004	0.003	0.002	0.002	0.003	1.23E-07	2.11E-06	1.25E-07	2.356274	0.002
594938.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.003	0.002	0.001	0.003	1.17E-07	2.01E-06	1.17E-07	2.2447685	0.002
594958.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.002	0.002	0.001	0.003	1.13E-07	1.95E-06	1.11E-07	2.1727007	0.002
594978.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.003	1.08E-07	1.87E-06	1.04E-07	2.0834997	0.002
594998.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.002	1.03E-07	1.78E-06	9.65E-08	1.980016	0.002
595018.04	4130721.51	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.005	0.004	0.003	0.002	0.002	0.001	0.002	9.74E-08	1.68E-06	8.87E-08	1.862949	0.002
595038.04	4130721.51	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	9.13E-08	1.57E-06	8.16E-08	1.7426469	0.002
595058.04	4130721.51	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.49E-08	1.46E-06	7.48E-08	1.6154265	0.002
595078.04	4130721.51	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	7.86E-08	1.34E-06	6.87E-08	1.492119	0.002
595118.04	4130721.51	0.003	0.003	0.002	0.003	0.002	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.75E-08	1.15E-06	5.87E-08	1.2743025	0.002
595138.04	4130721.51	0.003	0.003	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.29E-08	1.07E-06	5.47E-08	1.1846417	0.002
595158.04	4130721.51	0.003	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.89E-08	9.97E-07	5.13E-08	1.1069003	0.002
595198.04	4130721.51	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.23E-08	8.84E-07	4.56E-08	0.9819591	0.001
595218.04	4130721.51	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.97E-08	8.38E-07	4.33E-08	0.9314389	0.001
595238.04	4130721.51	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.73E-08	7.98E-07	4.13E-08	0.8861427	0.001
595278.04	4130721.51	0.002	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.31E-08	7.27E-07	3.77E-08	0.8077602	0.001
595298.04	4130721.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.14E-08	6.97E-07	3.62E-08	0.7747708	0.001
595318.04	4130721.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.97E-08	6.69E-07	3.47E-08	0.7439522	0.001
595338.04	4130721.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.82E-08	6.44E-07	3.34E-08	0.7158379	0.001
595378.04	4130721.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.56E-08	6.00E-07	3.10E-08	0.6666613	0.001
595398.04	4130721.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.44E-08	5.81E-07	3.00E-08	0.6451333	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595418.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.33E-08	5.63E-07	2.89E-08	0.6248934	0.001
595438.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.23E-08	5.46E-07	2.80E-08	0.606009	0.001
595478.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.06E-08	5.17E-07	2.63E-08	0.5737397	0.001
595498.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	2.97E-08	5.03E-07	2.55E-08	0.5583936	0.001
595518.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.89E-08	4.90E-07	2.48E-08	0.5438406	0.001
595538.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.82E-08	4.78E-07	2.41E-08	0.5299061	0.001
595578.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.68E-08	4.54E-07	2.28E-08	0.5035718	0.001
595598.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.61E-08	4.43E-07	2.21E-08	0.4912946	0.001
595618.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.54E-08	4.32E-07	2.15E-08	0.4790902	0.001
595638.04	4130721.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.48E-08	4.22E-07	2.10E-08	0.4673971	0.001
595658.04	4130721.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.42E-08	4.11E-07	2.04E-08	0.4556475	0.001
595678.04	4130721.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.36E-08	4.02E-07	1.99E-08	0.4454745	0.000
595698.04	4130721.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.30E-08	3.92E-07	1.94E-08	0.4343457	0.000
595718.04	4130721.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.25E-08	3.83E-07	1.89E-08	0.4244298	0.000
595738.04	4130721.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.19E-08	3.74E-07	1.84E-08	0.4143768	0.000
595758.04	4130721.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.14E-08	3.65E-07	1.79E-08	0.4046092	0.000
595778.04	4130721.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.09E-08	3.57E-07	1.75E-08	0.3952779	0.000
595798.04	4130721.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.04E-08	3.48E-07	1.71E-08	0.3856438	0.000
594318.04	4130741.51	0.001	0.001	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.001	0.001	7.92E-08	1.11E-06	5.36E-08	1.2447593	0.001
594338.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	8.29E-08	1.16E-06	5.60E-08	1.2942981	0.001
594358.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	8.66E-08	1.20E-06	5.85E-08	1.3452548	0.001
594378.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.03E-08	1.25E-06	6.12E-08	1.3968135	0.001
594398.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.39E-08	1.29E-06	6.39E-08	1.449461	0.001
594418.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.76E-08	1.34E-06	6.69E-08	1.5036726	0.001
594438.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	1.01E-07	1.39E-06	6.98E-08	1.556595	0.002
594458.04	4130741.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.04E-07	1.43E-06	7.29E-08	1.6100429	0.002
594478.04	4130741.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.07E-07	1.48E-06	7.60E-08	1.6624223	0.002
594498.04	4130741.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.10E-07	1.53E-06	7.94E-08	1.7165848	0.002
594518.04	4130741.51	0.001	0.001	0.001	0.001	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.13E-07	1.57E-06	8.27E-08	1.7689105	0.002
594538.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.15E-07	1.62E-06	8.61E-08	1.819345	0.002
594558.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.17E-07	1.66E-06	8.95E-08	1.8688344	0.002
594578.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.19E-07	1.71E-06	9.31E-08	1.919362	0.002
594598.04	4130741.51	0.002	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.21E-07	1.75E-06	9.65E-08	1.9667547	0.002
594618.04	4130741.51	0.002	0.001	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.23E-07	1.79E-06	1.00E-07	2.0128964	0.002
594678.04	4130741.51	0.002	0.002	0.001	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.26E-07	1.90E-06	1.10E-07	2.1379396	0.002
594698.04	4130741.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.26E-07	1.93E-06	1.12E-07	2.1720323	0.002
594718.04	4130741.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.25E-07	1.96E-06	1.14E-07	2.1965662	0.002
594758.04	4130741.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.22E-07	1.99E-06	1.17E-07	2.2281817	0.002
594778.04	4130741.51	0.002	0.002	0.002	0.001	0.001	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.21E-07	2.00E-06	1.17E-07	2.2386542	0.002
594798.04	4130741.51	0.003	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.20E-07	2.00E-06	1.17E-07	2.2414542	0.002
594818.04	4130741.51	0.003	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.19E-07	1.99E-06	1.17E-07	2.2303216	0.002
594838.04	4130741.51	0.003	0.002	0.002	0.002	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.17E-07	1.98E-06	1.16E-07	2.2162185	0.002
594858.04	4130741.51	0.003	0.002	0.002	0.002	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.15E-07	1.97E-06	1.15E-07	2.1961014	0.002
594878.04	4130741.51	0.003	0.002	0.002	0.002	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.002	0.003	1.13E-07	1.94E-06	1.13E-07	2.1658415	0.002
594898.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.003	0.002	0.001	0.003	1.11E-07	1.91E-06	1.11E-07	2.1300564	0.002
594938.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.003	1.05E-07	1.82E-06	1.04E-07	2.0252161	0.002
594958.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.004	0.002	0.002	0.001	0.003	1.02E-07	1.76E-06	9.87E-08	1.9594511	0.002
594978.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.002	0.002	0.001	0.002	9.80E-08	1.69E-06	9.29E-08	1.8820193	0.002
594998.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.34E-08	1.61E-06	8.65E-08	1.7899996	0.002
595018.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.001	0.001	0.002	8.82E-08	1.52E-06	7.99E-08	1.6871819	0.002
595038.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.29E-08	1.43E-06	7.37E-08	1.5822503	0.002
595058.04	4130741.51	0.003	0.003	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.001	7.74E-08	1.33E-06	6.79E-08	1.4719637	0.002
595078.04	4130741.51	0.003	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.19E-08	1.23E-06	6.26E-08	1.3631782	0.002
595118.04	4130741.51	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.22E-08	1.06E-06	5.39E-08	1.1735918	0.002
595138.04	4130741.51	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.81E-08	9.86E-07	5.04E-08	1.094497	0.001
595158.04	4130741.51	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.46E-08	9.24E-07	4.73E-08	1.0256258	0.001
595198.04	4130741.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.88E-08	8.23E-07	4.23E-08	0.9144513	0.001
595218.04	4130741.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.64E-08	7.83E-07	4.02E-08	0.8693354	0.001
595238.04	4130741.51	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.43E-08	7.46E-07	3.84E-08	0.8287174	0.001
595278.04	4130741.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.05E-08	6.82E-07	3.52E-08	0.7577714	0.001
595298.04	4130741.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.89E-08	6.55E-07	3.38E-08	0.7274266	0.001
595318.04	4130741.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.74E-08	6.30E-07	3.25E-08	0.6996341	0.001
595338.04	4130741.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.60E-08	6.05E-07	3.13E-08	0.6726993	0.001
595378.04	4130741.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.36E-08	5.65E-07	2.92E-08	0.6276853	0.001
595398.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.25E-08	5.47E-07	2.82E-08	0.608108	0.001
595418.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.15E-08	5.30E-07	2.73E-08	0.5892147	0.001
595438.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.05E-08	5.15E-07	2.64E-08	0.5718553	0.001
595478.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	2.89E-08	4.89E-07	2.49E-08	0.5425488	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595498.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.82E-08	4.76E-07	2.42E-08	0.5286198	0.001
595518.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.75E-08	4.64E-07	2.35E-08	0.5153476	0.001
595538.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.68E-08	4.53E-07	2.29E-08	0.5027633	0.001
595578.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.55E-08	4.32E-07	2.17E-08	0.4792367	0.001
595598.04	4130741.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.49E-08	4.22E-07	2.11E-08	0.4679608	0.001
595618.04	4130741.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.43E-08	4.12E-07	2.06E-08	0.4572948	0.001
595638.04	4130741.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.37E-08	4.03E-07	2.01E-08	0.4466407	0.000
595658.04	4130741.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.31E-08	3.93E-07	1.95E-08	0.436069	0.000
595678.04	4130741.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.26E-08	3.85E-07	1.91E-08	0.426696	0.000
595698.04	4130741.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.21E-08	3.76E-07	1.86E-08	0.416703	0.000
595718.04	4130741.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.16E-08	3.67E-07	1.81E-08	0.4071122	0.000
595738.04	4130741.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.11E-08	3.59E-07	1.77E-08	0.3980016	0.000
595758.04	4130741.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.06E-08	3.51E-07	1.73E-08	0.3887906	0.000
595778.04	4130741.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.01E-08	3.43E-07	1.69E-08	0.3803398	0.000
595798.04	4130741.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.97E-08	3.35E-07	1.64E-08	0.3715734	0.000
594318.04	4130761.51	0.001	0.001	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.001	0.001	7.75E-08	1.10E-06	5.33E-08	1.2274157	0.001
594338.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.001	0.001	8.08E-08	1.14E-06	5.56E-08	1.2738923	0.001
594358.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.001	0.001	8.40E-08	1.18E-06	5.80E-08	1.3206883	0.001
594378.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	8.72E-08	1.22E-06	6.05E-08	1.3676397	0.001
594398.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.03E-08	1.26E-06	6.30E-08	1.4151749	0.001
594418.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.34E-08	1.30E-06	6.57E-08	1.4641191	0.001
594438.04	4130761.51	0.001	0.001	0.001	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	9.62E-08	1.35E-06	6.84E-08	1.5110527	0.001
594458.04	4130761.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	9.89E-08	1.39E-06	7.12E-08	1.5579561	0.001
594478.04	4130761.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	1.01E-07	1.43E-06	7.40E-08	1.6035966	0.002
594498.04	4130761.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.002	1.04E-07	1.47E-06	7.70E-08	1.6520804	0.002
594518.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.06E-07	1.51E-06	7.99E-08	1.6955594	0.002
594538.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.08E-07	1.55E-06	8.28E-08	1.737683	0.002
594558.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.10E-07	1.58E-06	8.57E-08	1.7790953	0.002
594578.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.11E-07	1.62E-06	8.87E-08	1.8220086	0.002
594598.04	4130761.51	0.002	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.13E-07	1.65E-06	9.15E-08	1.8590506	0.002
594618.04	4130761.51	0.002	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.002	0.002	1.14E-07	1.69E-06	9.42E-08	1.8954	0.002
594678.04	4130761.51	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.16E-07	1.78E-06	1.02E-07	1.9935226	0.002
594698.04	4130761.51	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.002	0.002	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.16E-07	1.80E-06	1.03E-07	2.0165569	0.002
594718.04	4130761.51	0.002	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.15E-07	1.81E-06	1.05E-07	2.0315217	0.002
594758.04	4130761.51	0.002	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.12E-07	1.83E-06	1.06E-07	2.0492546	0.002
594778.04	4130761.51	0.002	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.002	0.003	1.11E-07	1.84E-06	1.06E-07	2.0520238	0.002
594798.04	4130761.51	0.002	0.002	0.002	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.003	0.002	0.002	0.003	1.10E-07	1.83E-06	1.06E-07	2.0473849	0.002
594818.04	4130761.51	0.002	0.002	0.002	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.003	0.002	0.002	0.003	1.08E-07	1.82E-06	1.05E-07	2.0370211	0.002
594838.04	4130761.51	0.003	0.002	0.002	0.002	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.003	1.07E-07	1.81E-06	1.04E-07	2.0186136	0.002
594858.04	4130761.51	0.003	0.002	0.002	0.002	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.003	1.05E-07	1.79E-06	1.03E-07	1.998373	0.002
594878.04	4130761.51	0.003	0.002	0.002	0.002	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.003	1.03E-07	1.76E-06	1.02E-07	1.9683778	0.002
594898.04	4130761.51	0.003	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.003	1.01E-07	1.73E-06	9.95E-08	1.9335038	0.002
594938.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.57E-08	1.65E-06	9.30E-08	1.8389606	0.002
594958.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.27E-08	1.60E-06	8.86E-08	1.7804671	0.002
594978.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	8.90E-08	1.54E-06	8.35E-08	1.7084609	0.002
594998.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.49E-08	1.46E-06	7.80E-08	1.6269048	0.002
595018.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.03E-08	1.38E-06	7.23E-08	1.5361724	0.002
595038.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.57E-08	1.30E-06	6.70E-08	1.4430668	0.002
595058.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.08E-08	1.21E-06	6.20E-08	1.3475854	0.001
595078.04	4130761.51	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.60E-08	1.13E-06	5.73E-08	1.2528964	0.001
595118.04	4130761.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.75E-08	9.78E-07	4.97E-08	1.0852565	0.001
595138.04	4130761.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.39E-08	9.14E-07	4.66E-08	1.0149579	0.001
595158.04	4130761.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.07E-08	8.58E-07	4.38E-08	0.9528658	0.001
595198.04	4130761.51	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.56E-08	7.70E-07	3.93E-08	0.8547425	0.001
595218.04	4130761.51	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.35E-08	7.34E-07	3.75E-08	0.8146613	0.001
595238.04	4130761.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.15E-08	7.00E-07	3.58E-08	0.7768718	0.001
595278.04	4130761.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.82E-08	6.42E-07	3.29E-08	0.7131069	0.001
595298.04	4130761.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.67E-08	6.17E-07	3.17E-08	0.6855933	0.001
595318.04	4130761.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.53E-08	5.93E-07	3.05E-08	0.6589268	0.001
595338.04	4130761.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.40E-08	5.71E-07	2.94E-08	0.6347535	0.001
595378.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.17E-08	5.33E-07	2.74E-08	0.59238	0.001
595398.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.07E-08	5.17E-07	2.66E-08	0.574257	0.001
595418.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	2.98E-08	5.01E-07	2.57E-08	0.5565693	0.001
595438.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	2.89E-08	4.87E-07	2.50E-08	0.5409827	0.001
595478.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.75E-08	4.63E-07	2.36E-08	0.5138489	0.001
595498.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.67E-08	4.51E-07	2.30E-08	0.5009436	0.001
595518.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.61E-08	4.40E-07	2.23E-08	0.4889157	0.001
595538.04	4130761.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.55E-08	4.30E-07	2.18E-08	0.4775818	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595578.04	4130761.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.43E-08	4.11E-07	2.07E-08	0.4564282	0.001
595598.04	4130761.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.37E-08	4.02E-07	2.02E-08	0.4461903	0.000
595618.04	4130761.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.32E-08	3.94E-07	1.97E-08	0.4365593	0.000
595638.04	4130761.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.27E-08	3.85E-07	1.92E-08	0.4268627	0.000
595658.04	4130761.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.22E-08	3.76E-07	1.87E-08	0.4173404	0.000
595678.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.17E-08	3.69E-07	1.83E-08	0.4088041	0.000
595698.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.12E-08	3.61E-07	1.79E-08	0.399831	0.000
595718.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.07E-08	3.53E-07	1.74E-08	0.3909642	0.000
595738.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.03E-08	3.45E-07	1.70E-08	0.3827045	0.000
595758.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.98E-08	3.38E-07	1.66E-08	0.3744931	0.000
595778.04	4130761.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.94E-08	3.31E-07	1.63E-08	0.3665499	0.000
595798.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.90E-08	3.24E-07	1.59E-08	0.358654	0.000
594318.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	7.56E-08	1.08E-06	5.28E-08	1.207692	0.001
594338.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.001	0.001	7.85E-08	1.12E-06	5.50E-08	1.2504385	0.001
594358.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.001	0.001	8.13E-08	1.15E-06	5.73E-08	1.2932649	0.001
594378.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.41E-08	1.19E-06	5.96E-08	1.3358069	0.001
594398.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.67E-08	1.23E-06	6.19E-08	1.3780983	0.001
594418.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.93E-08	1.27E-06	6.44E-08	1.421282	0.001
594438.04	4130781.51	0.001	0.001	0.001	0.000	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	9.16E-08	1.30E-06	6.68E-08	1.462898	0.001
594458.04	4130781.51	0.001	0.001	0.001	0.001	0.000	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	9.38E-08	1.34E-06	6.93E-08	1.5041452	0.001
594478.04	4130781.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001	9.58E-08	1.38E-06	7.18E-08	1.5442431	0.001
594498.04	4130781.51	0.001	0.001	0.001	0.001	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.002	9.77E-08	1.41E-06	7.44E-08	1.5839466	0.001
594518.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	9.94E-08	1.45E-06	7.69E-08	1.6213444	0.001
594538.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.01E-07	1.48E-06	7.94E-08	1.6579197	0.002
594558.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	1.02E-07	1.51E-06	8.17E-08	1.6904169	0.002
594578.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.04E-07	1.54E-06	8.42E-08	1.7257217	0.002
594598.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	1.05E-07	1.57E-06	8.66E-08	1.7580179	0.002
594618.04	4130781.51	0.002	0.001	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.004	0.003	0.003	0.003	0.002	0.001	0.002	1.06E-07	1.59E-06	8.86E-08	1.7850525	0.002
594678.04	4130781.51	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.003	0.002	0.001	0.002	1.07E-07	1.66E-06	9.40E-08	1.8570138	0.002
594698.04	4130781.51	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.003	0.002	0.001	0.002	1.07E-07	1.67E-06	9.50E-08	1.8709497	0.002
594718.04	4130781.51	0.002	0.002	0.001	0.001	0.001	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.003	0.002	0.001	0.002	1.06E-07	1.68E-06	9.58E-08	1.8802008	0.002
594758.04	4130781.51	0.002	0.002	0.002	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.002	1.03E-07	1.69E-06	9.63E-08	1.8876416	0.002
594778.04	4130781.51	0.002	0.002	0.002	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.002	1.02E-07	1.69E-06	9.62E-08	1.8871343	0.002
594798.04	4130781.51	0.002	0.002	0.002	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.002	1.00E-07	1.68E-06	9.58E-08	1.8786688	0.002
594818.04	4130781.51	0.002	0.002	0.002	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.002	9.91E-08	1.67E-06	9.52E-08	1.8675547	0.002
594838.04	4130781.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.003	0.002	0.001	0.002	9.75E-08	1.66E-06	9.42E-08	1.8467121	0.002
594858.04	4130781.51	0.002	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.003	0.002	0.002	0.001	0.002	9.62E-08	1.64E-06	9.33E-08	1.8299552	0.002
594878.04	4130781.51	0.002	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.43E-08	1.62E-06	9.18E-08	1.8012145	0.002
594898.04	4130781.51	0.002	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.23E-08	1.59E-06	8.98E-08	1.7674773	0.002
594938.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.75E-08	1.51E-06	8.39E-08	1.6800388	0.002
594958.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.47E-08	1.46E-06	8.01E-08	1.6257668	0.002
594978.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.002	0.001	0.001	0.002	8.15E-08	1.41E-06	7.58E-08	1.5638845	0.001
594998.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.77E-08	1.34E-06	7.09E-08	1.4887978	0.001
595018.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.001	7.37E-08	1.27E-06	6.60E-08	1.4080434	0.001
595038.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.95E-08	1.20E-06	6.13E-08	1.3259364	0.001
595058.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.52E-08	1.12E-06	5.68E-08	1.2400151	0.001
595078.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.10E-08	1.04E-06	5.28E-08	1.1562699	0.001
595118.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.34E-08	9.08E-07	4.60E-08	1.0074417	0.001
595138.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.02E-08	8.51E-07	4.32E-08	0.9444244	0.001
595158.04	4130781.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.73E-08	8.02E-07	4.07E-08	0.8895839	0.001
595198.04	4130781.51	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.27E-08	7.21E-07	3.67E-08	0.8007004	0.001
595218.04	4130781.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.08E-08	6.88E-07	3.50E-08	0.7639849	0.001
595238.04	4130781.51	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.91E-08	6.58E-07	3.35E-08	0.7310039	0.001
595278.04	4130781.51	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.60E-08	6.06E-07	3.09E-08	0.6728943	0.001
595298.04	4130781.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.47E-08	5.83E-07	2.98E-08	0.6476586	0.001
595318.04	4130781.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.34E-08	5.61E-07	2.87E-08	0.6230887	0.001
595338.04	4130781.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.22E-08	5.40E-07	2.77E-08	0.6001374	0.001
595378.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.01E-08	5.05E-07	2.59E-08	0.5610433	0.001
595398.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	2.91E-08	4.89E-07	2.51E-08	0.543699	0.001
595418.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.82E-08	4.75E-07	2.43E-08	0.5274218	0.001
595438.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.75E-08	4.62E-07	2.36E-08	0.5126764	0.001
595478.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.61E-08	4.39E-07	2.24E-08	0.4874527	0.001
595498.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.54E-08	4.28E-07	2.18E-08	0.4754822	0.001
595518.04	4130781.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.48E-08	4.19E-07	2.12E-08	0.4646603	0.001
595538.04	4130781.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.43E-08	4.09E-07	2.07E-08	0.4543029	0.001
595578.04	4130781.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.32E-08	3.92E-07	1.97E-08	0.4350017	0.000
595598.04	4130781.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.27E-08	3.84E-07	1.93E-08	0.4258732	0.000
595618.04	4130781.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.22E-08	3.76E-07	1.88E-08	0.4171702	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595638.04	4130781.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.17E-08	3.68E-07	1.84E-08	0.4081174	0.000
595658.04	4130781.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.13E-08	3.60E-07	1.80E-08	0.399669	0.000
595678.04	4130781.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.08E-08	3.53E-07	1.76E-08	0.3918627	0.000
595698.04	4130781.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.04E-08	3.46E-07	1.72E-08	0.3835842	0.000
595718.04	4130781.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.00E-08	3.39E-07	1.68E-08	0.3757924	0.000
595738.04	4130781.51	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.96E-08	3.33E-07	1.64E-08	0.368573	0.000
595758.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.92E-08	3.26E-07	1.61E-08	0.3610596	0.000
595778.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.88E-08	3.19E-07	1.57E-08	0.3537303	0.000
595798.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.84E-08	3.13E-07	1.54E-08	0.3463522	0.000
594318.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.36E-08	1.06E-06	5.23E-08	1.1860642	0.001
594338.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.61E-08	1.09E-06	5.43E-08	1.2243673	0.001
594358.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.85E-08	1.13E-06	5.64E-08	1.2634743	0.001
594378.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	8.08E-08	1.16E-06	5.85E-08	1.3011263	0.001
594398.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.31E-08	1.20E-06	6.06E-08	1.3389296	0.001
594418.04	4130801.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.52E-08	1.23E-06	6.28E-08	1.377082	0.001
594438.04	4130801.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.72E-08	1.26E-06	6.50E-08	1.4141745	0.001
594458.04	4130801.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.001	8.90E-08	1.29E-06	6.72E-08	1.4494844	0.001
594478.04	4130801.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.001	0.001	9.05E-08	1.32E-06	6.94E-08	1.4821017	0.001
594498.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.001	0.002	9.22E-08	1.35E-06	7.16E-08	1.5167347	0.001
594518.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.001	0.002	9.36E-08	1.38E-06	7.37E-08	1.5481839	0.001
594538.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.001	0.002	9.49E-08	1.41E-06	7.58E-08	1.5780377	0.001
594558.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.001	0.002	9.60E-08	1.43E-06	7.77E-08	1.6035651	0.001
594578.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.001	0.002	9.73E-08	1.45E-06	7.97E-08	1.6318453	0.001
594598.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.001	0.002	9.82E-08	1.48E-06	8.14E-08	1.6552469	0.001
594618.04	4130801.51	0.002	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.003	0.002	0.001	0.002	9.90E-08	1.50E-06	8.31E-08	1.678445	0.001
594678.04	4130801.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.003	0.002	0.001	0.002	9.94E-08	1.55E-06	8.70E-08	1.7314963	0.001
594698.04	4130801.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.003	0.002	0.001	0.002	9.86E-08	1.55E-06	8.77E-08	1.7409365	0.001
594718.04	4130801.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.76E-08	1.56E-06	8.80E-08	1.7452666	0.001
594758.04	4130801.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.50E-08	1.56E-06	8.79E-08	1.7430976	0.002
594778.04	4130801.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.39E-08	1.56E-06	8.78E-08	1.7418614	0.002
594798.04	4130801.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.23E-08	1.55E-06	8.71E-08	1.7283816	0.002
594818.04	4130801.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	9.10E-08	1.54E-06	8.65E-08	1.7156038	0.002
594838.04	4130801.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.96E-08	1.52E-06	8.57E-08	1.6983416	0.002
594858.04	4130801.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.82E-08	1.51E-06	8.48E-08	1.6793709	0.002
594878.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.67E-08	1.49E-06	8.35E-08	1.6555994	0.002
594898.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.001	0.002	8.48E-08	1.46E-06	8.16E-08	1.6224798	0.002
594938.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.002	8.04E-08	1.39E-06	7.63E-08	1.5418274	0.001
594958.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.77E-08	1.34E-06	7.28E-08	1.491406	0.001
594978.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.001	0.001	0.002	7.48E-08	1.29E-06	6.90E-08	1.4349155	0.001
594998.04	4130801.51	0.002	0.002	0.002	0.002	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	7.14E-08	1.23E-06	6.47E-08	1.3672421	0.001
595018.04	4130801.51	0.002	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.78E-08	1.17E-06	6.04E-08	1.2952337	0.001
595038.04	4130801.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.41E-08	1.10E-06	5.63E-08	1.2221778	0.001
595058.04	4130801.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	6.03E-08	1.03E-06	5.24E-08	1.1463995	0.001
595078.04	4130801.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.65E-08	9.66E-07	4.87E-08	1.0710575	0.001
595118.04	4130801.51	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.98E-08	8.47E-07	4.27E-08	0.9394658	0.001
595138.04	4130801.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.68E-08	7.95E-07	4.02E-08	0.8821595	0.001
595158.04	4130801.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.43E-08	7.50E-07	3.80E-08	0.8318469	0.001
595198.04	4130801.51	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.01E-08	6.77E-07	3.44E-08	0.7519393	0.001
595218.04	4130801.51	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.84E-08	6.48E-07	3.29E-08	0.719211	0.001
595238.04	4130801.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.69E-08	6.21E-07	3.15E-08	0.6891497	0.001
595278.04	4130801.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.41E-08	5.73E-07	2.91E-08	0.6366823	0.001
595298.04	4130801.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.29E-08	5.52E-07	2.81E-08	0.6132769	0.001
595318.04	4130801.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.17E-08	5.32E-07	2.71E-08	0.590795	0.001
595338.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.05E-08	5.13E-07	2.61E-08	0.5694365	0.001
595378.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.86E-08	4.80E-07	2.45E-08	0.5326527	0.001
595398.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.77E-08	4.65E-07	2.38E-08	0.5164924	0.001
595418.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.69E-08	4.51E-07	2.30E-08	0.500966	0.001
595438.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.61E-08	4.39E-07	2.24E-08	0.487054	0.001
595478.04	4130801.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.48E-08	4.17E-07	2.13E-08	0.4634907	0.001
595498.04	4130801.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.42E-08	4.07E-07	2.07E-08	0.4520506	0.001
595518.04	4130801.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.36E-08	3.98E-07	2.02E-08	0.4419114	0.000
595538.04	4130801.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.31E-08	3.90E-07	1.97E-08	0.4324701	0.000
595578.04	4130801.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.22E-08	3.74E-07	1.88E-08	0.4149453	0.000
595598.04	4130801.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.17E-08	3.66E-07	1.84E-08	0.4065013	0.000
595618.04	4130801.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.13E-08	3.59E-07	1.80E-08	0.3985155	0.000
595638.04	4130801.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.08E-08	3.52E-07	1.76E-08	0.390542	0.000
595658.04	4130801.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.04E-08	3.45E-07	1.72E-08	0.3827695	0.000
595678.04	4130801.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.00E-08	3.39E-07	1.69E-08	0.3756716	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595698.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.96E-08	3.32E-07	1.65E-08	0.3682839	0.000
595718.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.92E-08	3.26E-07	1.61E-08	0.3610562	0.000
595738.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.88E-08	3.20E-07	1.58E-08	0.35421	0.000
595758.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.84E-08	3.14E-07	1.55E-08	0.34743	0.000
595778.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.81E-08	3.08E-07	1.51E-08	0.3407397	0.000
595798.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.77E-08	3.01E-07	1.48E-08	0.3337884	0.000
594318.04	4130821.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.14E-08	1.04E-06	5.15E-08	1.1611849	0.001
594338.04	4130821.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.36E-08	1.07E-06	5.34E-08	1.196614	0.001
594358.04	4130821.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.57E-08	1.10E-06	5.53E-08	1.2316605	0.001
594378.04	4130821.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.76E-08	1.13E-06	5.72E-08	1.2644889	0.001
594398.04	4130821.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.95E-08	1.16E-06	5.91E-08	1.297749	0.001
594418.04	4130821.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	8.13E-08	1.19E-06	6.11E-08	1.331865	0.001
594438.04	4130821.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	8.29E-08	1.22E-06	6.31E-08	1.3632025	0.001
594458.04	4130821.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	8.43E-08	1.24E-06	6.49E-08	1.3926431	0.001
594478.04	4130821.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	8.56E-08	1.27E-06	6.68E-08	1.4203201	0.001
594498.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	8.69E-08	1.29E-06	6.87E-08	1.4490461	0.001
594518.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.81E-08	1.32E-06	7.04E-08	1.4746883	0.001
594538.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.92E-08	1.34E-06	7.22E-08	1.4992381	0.001
594558.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	9.00E-08	1.36E-06	7.37E-08	1.5199054	0.001
594578.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	9.10E-08	1.38E-06	7.52E-08	1.5417277	0.001
594598.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	9.18E-08	1.39E-06	7.67E-08	1.5613638	0.001
594618.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	9.23E-08	1.41E-06	7.79E-08	1.5778042	0.001
594678.04	4130821.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	9.21E-08	1.44E-06	8.06E-08	1.6156529	0.001
594698.04	4130821.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	9.13E-08	1.45E-06	8.09E-08	1.6206987	0.001
594718.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	9.03E-08	1.45E-06	8.10E-08	1.6221767	0.001
594758.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.78E-08	1.45E-06	8.06E-08	1.6140959	0.001
594778.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.67E-08	1.44E-06	8.04E-08	1.6108574	0.001
594798.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.53E-08	1.43E-06	7.98E-08	1.5983475	0.001
594818.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.40E-08	1.42E-06	7.91E-08	1.5844304	0.001
594838.04	4130821.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.27E-08	1.41E-06	7.83E-08	1.5674873	0.001
594858.04	4130821.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	8.14E-08	1.39E-06	7.75E-08	1.5488955	0.001
594878.04	4130821.51	0.002	0.002	0.002	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.002	0.002	0.001	0.002	7.99E-08	1.37E-06	7.62E-08	1.5247787	0.001
594898.04	4130821.51	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.82E-08	1.34E-06	7.45E-08	1.4959711	0.001
594938.04	4130821.51	0.002	0.002	0.002	0.002	0.001	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.002	7.41E-08	1.28E-06	6.97E-08	1.42178	0.001
594958.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.002	7.18E-08	1.24E-06	6.66E-08	1.3762715	0.001
594978.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.90E-08	1.19E-06	6.31E-08	1.3221589	0.001
594998.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.59E-08	1.14E-06	5.94E-08	1.2621355	0.001
595018.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.26E-08	1.08E-06	5.56E-08	1.1968802	0.001
595038.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	5.93E-08	1.02E-06	5.19E-08	1.1303625	0.001
595058.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.59E-08	9.58E-07	4.84E-08	1.0626528	0.001
595078.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.25E-08	8.98E-07	4.52E-08	0.9962195	0.001
595118.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.64E-08	7.91E-07	3.98E-08	0.8768567	0.001
595138.04	4130821.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.38E-08	7.44E-07	3.75E-08	0.8257531	0.001
595158.04	4130821.51	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.15E-08	7.03E-07	3.55E-08	0.7804837	0.001
595198.04	4130821.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.78E-08	6.38E-07	3.23E-08	0.7082981	0.001
595218.04	4130821.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.62E-08	6.11E-07	3.09E-08	0.6783535	0.001
595238.04	4130821.51	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.48E-08	5.86E-07	2.97E-08	0.6508984	0.001
595278.04	4130821.51	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.23E-08	5.44E-07	2.75E-08	0.603474	0.001
595298.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.12E-08	5.24E-07	2.65E-08	0.5821419	0.001
595318.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.01E-08	5.05E-07	2.56E-08	0.5609878	0.001
595338.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.90E-08	4.88E-07	2.47E-08	0.5416263	0.001
595378.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.72E-08	4.57E-07	2.32E-08	0.5069979	0.001
595398.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.64E-08	4.43E-07	2.25E-08	0.4918251	0.001
595418.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.56E-08	4.30E-07	2.19E-08	0.4770615	0.001
595438.04	4130821.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.49E-08	4.18E-07	2.13E-08	0.4639192	0.001
595478.04	4130821.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.37E-08	3.98E-07	2.02E-08	0.4414	0.001
595498.04	4130821.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.31E-08	3.88E-07	1.97E-08	0.430815	0.000
595518.04	4130821.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.26E-08	3.80E-07	1.93E-08	0.4215991	0.000
595538.04	4130821.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.21E-08	3.71E-07	1.88E-08	0.4123879	0.000
595558.04	4130821.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.16E-08	3.64E-07	1.84E-08	0.4040855	0.000
595578.04	4130821.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.12E-08	3.57E-07	1.80E-08	0.3963538	0.000
595598.04	4130821.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.08E-08	3.50E-07	1.76E-08	0.3885349	0.000
595618.04	4130821.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.04E-08	3.44E-07	1.73E-08	0.3813816	0.000
595638.04	4130821.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.00E-08	3.37E-07	1.69E-08	0.3738519	0.000
595658.04	4130821.51	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.96E-08	3.31E-07	1.65E-08	0.3667672	0.000
595678.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.92E-08	3.25E-07	1.62E-08	0.3604587	0.000
595698.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.88E-08	3.19E-07	1.59E-08	0.3535913	0.000
595718.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.85E-08	3.13E-07	1.55E-08	0.3471725	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595738.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.81E-08	3.08E-07	1.52E-08	0.3408872	0.000
595758.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.78E-08	3.02E-07	1.49E-08	0.3345852	0.000
595778.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.75E-08	2.96E-07	1.46E-08	0.3285692	0.000
595798.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.71E-08	2.91E-07	1.43E-08	0.3220334	0.000
594318.04	4130841.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.91E-08	1.01E-06	5.07E-08	1.1343959	0.001
594338.04	4130841.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.10E-08	1.04E-06	5.24E-08	1.1662888	0.001
594358.04	4130841.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.28E-08	1.07E-06	5.41E-08	1.1965937	0.001
594378.04	4130841.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.44E-08	1.10E-06	5.58E-08	1.2260791	0.001
594398.04	4130841.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.60E-08	1.12E-06	5.75E-08	1.2553849	0.001
594418.04	4130841.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.77E-08	1.15E-06	5.94E-08	1.2873455	0.001
594438.04	4130841.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.88E-08	1.17E-06	6.10E-08	1.3114015	0.001
594458.04	4130841.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.99E-08	1.19E-06	6.26E-08	1.3358306	0.001
594478.04	4130841.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	8.10E-08	1.21E-06	6.41E-08	1.3588816	0.001
594498.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	8.21E-08	1.24E-06	6.58E-08	1.3844879	0.001
594518.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	8.30E-08	1.25E-06	6.72E-08	1.4036102	0.001
594538.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.38E-08	1.27E-06	6.85E-08	1.4233334	0.001
594558.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.45E-08	1.29E-06	6.97E-08	1.4394703	0.001
594578.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.53E-08	1.30E-06	7.10E-08	1.4568899	0.001
594598.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.59E-08	1.31E-06	7.21E-08	1.4726615	0.001
594618.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.63E-08	1.33E-06	7.30E-08	1.4853111	0.001
594678.04	4130841.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.55E-08	1.35E-06	7.46E-08	1.5075522	0.001
594698.04	4130841.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.48E-08	1.35E-06	7.48E-08	1.5113462	0.001
594718.04	4130841.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.36E-08	1.35E-06	7.46E-08	1.5076565	0.001
594758.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.14E-08	1.34E-06	7.42E-08	1.5002567	0.001
594778.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	8.03E-08	1.34E-06	7.39E-08	1.4933997	0.001
594798.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.91E-08	1.33E-06	7.34E-08	1.4829658	0.001
594818.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.80E-08	1.32E-06	7.29E-08	1.4712983	0.001
594838.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.66E-08	1.30E-06	7.20E-08	1.45255	0.001
594858.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.54E-08	1.29E-06	7.12E-08	1.4349727	0.001
594878.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.002	7.39E-08	1.27E-06	6.99E-08	1.4118595	0.001
594898.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.002	7.25E-08	1.25E-06	6.84E-08	1.3864448	0.001
594938.04	4130841.51	0.002	0.002	0.001	0.001	0.001	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001	6.87E-08	1.18E-06	6.40E-08	1.3165947	0.001
594958.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.65E-08	1.15E-06	6.13E-08	1.2745331	0.001
594978.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.40E-08	1.10E-06	5.81E-08	1.2249721	0.001
594998.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.11E-08	1.05E-06	5.48E-08	1.1695357	0.001
595018.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.82E-08	1.00E-06	5.14E-08	1.1108139	0.001
595038.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.52E-08	9.48E-07	4.81E-08	1.051415	0.001
595058.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.21E-08	8.93E-07	4.50E-08	0.9901374	0.001
595078.04	4130841.51	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.90E-08	8.39E-07	4.21E-08	0.929827	0.001
595118.04	4130841.51	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.35E-08	7.42E-07	3.72E-08	0.8222972	0.001
595138.04	4130841.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.11E-08	6.99E-07	3.51E-08	0.7749121	0.001
595158.04	4130841.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.91E-08	6.62E-07	3.34E-08	0.734715	0.001
595198.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.57E-08	6.03E-07	3.04E-08	0.6691755	0.001
595218.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.42E-08	5.78E-07	2.92E-08	0.6410971	0.001
595238.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.30E-08	5.55E-07	2.80E-08	0.6164231	0.001
595278.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.07E-08	5.16E-07	2.60E-08	0.5730906	0.001
595298.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.97E-08	4.99E-07	2.52E-08	0.5536036	0.001
595318.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.86E-08	4.81E-07	2.43E-08	0.5341278	0.001
595338.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.77E-08	4.65E-07	2.35E-08	0.5162741	0.001
595378.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.60E-08	4.36E-07	2.21E-08	0.4840151	0.001
595398.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.52E-08	4.23E-07	2.14E-08	0.4694657	0.001
595418.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.45E-08	4.10E-07	2.08E-08	0.4554036	0.001
595438.04	4130841.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.38E-08	3.99E-07	2.03E-08	0.4430448	0.001
595478.04	4130841.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.26E-08	3.80E-07	1.93E-08	0.4215003	0.000
595498.04	4130841.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.21E-08	3.71E-07	1.88E-08	0.4115046	0.000
595518.04	4130841.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.16E-08	3.62E-07	1.84E-08	0.4024078	0.000
595538.04	4130841.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.11E-08	3.55E-07	1.80E-08	0.393963	0.000
595558.04	4130841.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.07E-08	3.48E-07	1.76E-08	0.3859819	0.000
595578.04	4130841.51	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.03E-08	3.41E-07	1.72E-08	0.37885	0.000
595598.04	4130841.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.99E-08	3.35E-07	1.69E-08	0.3715603	0.000
595618.04	4130841.51	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.95E-08	3.29E-07	1.65E-08	0.364945	0.000
595638.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.91E-08	3.23E-07	1.62E-08	0.3582235	0.000
595658.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.88E-08	3.17E-07	1.59E-08	0.3516746	0.000
595678.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.85E-08	3.12E-07	1.56E-08	0.345829	0.000
595698.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.81E-08	3.06E-07	1.53E-08	0.3396782	0.000
595718.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.78E-08	3.01E-07	1.50E-08	0.3337648	0.000
595738.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.75E-08	2.96E-07	1.47E-08	0.3280646	0.000
595758.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.72E-08	2.91E-07	1.44E-08	0.3222988	0.000

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
595778.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.68E-08	2.86E-07	1.41E-08	0.3166892	0.000
595798.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	1.65E-08	2.80E-07	1.38E-08	0.3106758	0.000
594318.04	4130861.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.68E-08	9.90E-07	4.97E-08	1.1062683	0.001
594338.04	4130861.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.84E-08	1.01E-06	5.12E-08	1.1342625	0.001
594358.04	4130861.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.99E-08	1.04E-06	5.28E-08	1.1612804	0.001
594378.04	4130861.51	0.001	0.001	0.001	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	7.13E-08	1.06E-06	5.43E-08	1.1867152	0.001
594398.04	4130861.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.26E-08	1.08E-06	5.58E-08	1.2122243	0.001
594418.04	4130861.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.39E-08	1.11E-06	5.74E-08	1.2379278	0.001
594438.04	4130861.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.49E-08	1.13E-06	5.88E-08	1.2601451	0.001
594458.04	4130861.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.58E-08	1.14E-06	6.01E-08	1.2796489	0.001
594478.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.66E-08	1.16E-06	6.14E-08	1.2988803	0.001
594498.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.76E-08	1.18E-06	6.28E-08	1.3206892	0.001
594518.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.83E-08	1.19E-06	6.39E-08	1.3355464	0.001
594538.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.89E-08	1.21E-06	6.50E-08	1.3493819	0.001
594558.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.95E-08	1.22E-06	6.60E-08	1.3632597	0.001
594578.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.00E-08	1.23E-06	6.69E-08	1.3765258	0.001
594598.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.05E-08	1.24E-06	6.77E-08	1.3887171	0.001
594618.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	8.06E-08	1.25E-06	6.84E-08	1.3975184	0.001
594678.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	7.95E-08	1.26E-06	6.92E-08	1.4093726	0.001
594698.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.88E-08	1.26E-06	6.93E-08	1.4109503	0.001
594718.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.002	0.001	0.002	7.79E-08	1.26E-06	6.92E-08	1.4095051	0.001
594758.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	7.57E-08	1.25E-06	6.86E-08	1.3977647	0.001
594778.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	7.47E-08	1.25E-06	6.83E-08	1.3908428	0.001
594798.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	7.35E-08	1.24E-06	6.78E-08	1.3799745	0.001
594818.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.002	7.24E-08	1.23E-06	6.72E-08	1.3676104	0.001
594838.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.002	7.12E-08	1.21E-06	6.65E-08	1.3509276	0.001
594858.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.002	7.01E-08	1.20E-06	6.57E-08	1.3351932	0.001
594878.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.002	6.88E-08	1.18E-06	6.45E-08	1.3129238	0.001
594898.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.74E-08	1.16E-06	6.31E-08	1.2885559	0.001
594938.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.38E-08	1.10E-06	5.90E-08	1.2229463	0.001
594958.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.18E-08	1.07E-06	5.66E-08	1.1844377	0.001
594978.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	5.95E-08	1.03E-06	5.38E-08	1.1395407	0.001
594998.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.69E-08	9.81E-07	5.07E-08	1.0882063	0.001
595018.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.42E-08	9.32E-07	4.77E-08	1.0340954	0.001
595038.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.14E-08	8.83E-07	4.47E-08	0.979398	0.001
595058.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.86E-08	8.34E-07	4.19E-08	0.924372	0.001
595078.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.58E-08	7.85E-07	3.93E-08	0.8700254	0.001
595118.04	4130861.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.09E-08	6.97E-07	3.49E-08	0.7724935	0.001
595138.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.87E-08	6.58E-07	3.30E-08	0.7298775	0.001
595158.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.68E-08	6.24E-07	3.14E-08	0.6926702	0.001
595198.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.37E-08	5.70E-07	2.87E-08	0.6324671	0.001
595238.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	3.12E-08	5.26E-07	2.65E-08	0.5840949	0.001
595278.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.92E-08	4.91E-07	2.47E-08	0.5448599	0.001
595298.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.82E-08	4.74E-07	2.38E-08	0.5264753	0.001
595318.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.73E-08	4.59E-07	2.31E-08	0.5091553	0.001
595338.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.64E-08	4.44E-07	2.23E-08	0.4927022	0.001
595378.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.48E-08	4.16E-07	2.10E-08	0.4623197	0.001
595398.04	4130861.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.41E-08	4.04E-07	2.04E-08	0.4486987	0.001
595418.04	4130861.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.34E-08	3.92E-07	1.98E-08	0.4353412	0.001
595438.04	4130861.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	2.28E-08	3.82E-07	1.93E-08	0.4237506	0.000
595478.04	4130861.51	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.16E-08	3.63E-07	1.84E-08	0.4028509	0.000
595498.04	4130861.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.11E-08	3.55E-07	1.80E-08	0.3936163	0.000
595518.04	4130861.51	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.07E-08	3.47E-07	1.76E-08	0.3849299	0.000
595538.04	4130861.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	2.02E-08	3.39E-07	1.72E-08	0.3766709	0.000
595558.04	4130861.51	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.98E-08	3.33E-07	1.68E-08	0.3694287	0.000
595578.04	4130861.51	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.94E-08	3.27E-07	1.65E-08	0.3628017	0.000
595598.04	4130861.51	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	1.91E-08	3.21E-07	1.62E-08	0.3561095	0.000
595618.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.87E-08	3.15E-07	1.58E-08	0.3496208	0.000
595638.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.84E-08	3.10E-07	1.55E-08	0.343434	0.000
595658.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.80E-08	3.04E-07	1.52E-08	0.3375124	0.000
595678.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.77E-08	2.99E-07	1.50E-08	0.3320475	0.000
595698.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.74E-08	2.94E-07	1.47E-08	0.3263693	0.000
595718.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.71E-08	2.90E-07	1.44E-08	0.321114	0.000
595738.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	1.68E-08	2.85E-07	1.41E-08	0.3158119	0.000
595758.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	1.65E-08	2.80E-07	1.39E-08	0.3105835	0.000
595778.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	1.63E-08	2.76E-07	1.36E-08	0.3054619	0.000
595798.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	1.60E-08	2.71E-07	1.34E-08	0.3000302	0.000
594318.04	4130881.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	6.44E-08	9.63E-07	4.86E-08	1.0760053	0.001

X (UTM)	Y (UTM)	Project Construction																				Cancer Risk = $\sum R1*C_{DPM}$				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HIDE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594338.04	4130881.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.58E-08	9.85E-07	5.00E-08	1.100529	0.001
594358.04	4130881.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.70E-08	1.01E-06	5.13E-08	1.1238082	0.001
594378.04	4130881.51	0.001	0.001	0.001	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	0.001	6.82E-08	1.03E-06	5.27E-08	1.1461807	0.001
594398.04	4130881.51	0.001	0.001	0.001	0.001	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	6.92E-08	1.04E-06	5.40E-08	1.1675136	0.001
594418.04	4130881.51	0.001	0.001	0.001	0.001	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.02E-08	1.06E-06	5.53E-08	1.1884692	0.001
594438.04	4130881.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.11E-08	1.08E-06	5.65E-08	1.2071256	0.001
594458.04	4130881.51	0.001	0.001	0.001	0.001	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.18E-08	1.09E-06	5.76E-08	1.2237632	0.001
594478.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.25E-08	1.11E-06	5.87E-08	1.239552	0.001
594498.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.33E-08	1.12E-06	5.98E-08	1.2562576	0.001
594518.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.38E-08	1.13E-06	6.07E-08	1.2688031	0.001
594538.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.43E-08	1.14E-06	6.15E-08	1.2800106	0.001
594558.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	7.48E-08	1.15E-06	6.23E-08	1.2910641	0.001
594578.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.53E-08	1.16E-06	6.31E-08	1.3018593	0.001
594598.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.53E-08	1.17E-06	6.35E-08	1.3074237	0.001
594618.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.001	7.55E-08	1.18E-06	6.41E-08	1.3156129	0.001
594678.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	7.43E-08	1.18E-06	6.45E-08	1.3221283	0.001
594698.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	7.34E-08	1.18E-06	6.43E-08	1.3185995	0.001
594718.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	7.25E-08	1.18E-06	6.41E-08	1.3157034	0.001
594758.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	7.05E-08	1.17E-06	6.35E-08	1.3040216	0.001
594778.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.95E-08	1.16E-06	6.32E-08	1.2961498	0.001
594798.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.85E-08	1.16E-06	6.28E-08	1.2864245	0.001
594818.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.74E-08	1.14E-06	6.22E-08	1.2735811	0.001
594838.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.64E-08	1.13E-06	6.16E-08	1.2597151	0.001
594858.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.53E-08	1.12E-06	6.08E-08	1.2433154	0.001
594878.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.40E-08	1.10E-06	5.97E-08	1.2231341	0.001
594898.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001	6.27E-08	1.08E-06	5.84E-08	1.2001579	0.001
594938.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.001	0.001	0.001	5.95E-08	1.03E-06	5.46E-08	1.1396741	0.001
594958.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.001	0.001	0.001	5.76E-08	9.93E-07	5.23E-08	1.1029631	0.001
594978.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	5.54E-08	9.56E-07	4.98E-08	1.061101	0.001
595038.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.001	4.81E-08	8.26E-07	4.17E-08	0.9159066	0.001
595058.04	4130881.51	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.55E-08	7.80E-07	3.91E-08	0.8649204	0.001
595078.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	4.30E-08	7.36E-07	3.68E-08	0.8161023	0.001
595098.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	4.07E-08	6.95E-07	3.47E-08	0.7698959	0.001
595118.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	3.85E-08	6.56E-07	3.28E-08	0.7273336	0.001
595138.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.65E-08	6.21E-07	3.11E-08	0.6884696	0.001
595158.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.48E-08	5.90E-07	2.96E-08	0.6541798	0.001
595178.04	4130881.51	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	3.32E-08	5.62E-07	2.82E-08	0.6239246	0.001
594658.04	4130981.51	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.002	0.002	0.001	0.002	0.001	0.001	0.001	5.48E-08	8.82E-07	4.67E-08	0.9839569	0.001
CONCUNIT ug	/m^3																									
DEPUNIT g/m	^2																									

San Jose City College FMP 1/15/2021

Cancer Risk & Hazard Index Calculations - Offsite Residential - Mitigated

					Exposure Duration (Days)				DPM		$PM_{2.5}$	
				Start Date	1/1/2026	4/2/2026	4/2/2028					
				Stop Date	4/1/2026	4/1/2028			Emisions (tons)	Emission Rate (g/s)	Emisions (tons)	Emission Rate (g/s)
Source	Year	Start Date	End Date	Calendar Days	3rd Trimester	0<2	2<9	Exposure Duration	Tier 4	Tier 4	Tier 4	Tier 4
Area Source 1	2021	5/1/2021	7/1/2021	61	0.00	0.00	0	0	3.10E-04	1.49E-04	3.10E-04	1.49E-04
Area Source 1	2022	12/1/2022	12/31/2022	30	0	0	0	0	1.40E-04	1.37E-04	1.40E-04	1.37E-04
Area Source 1	2023	1/1/2023	8/1/2023	212	0	0	0	0	9.40E-04	1.30E-04	9.40E-04	1.30E-04
Area Source 2	2021	6/1/2021	12/31/2021	213	0	0	0	0	9.20E-04	1.27E-04	9.20E-04	1.27E-04
Area Source 2	2022	1/1/2022	3/1/2022	59	0	0	0	0	2.50E-04	1.25E-04	2.50E-04	1.25E-04
Area Source 3	2021	6/1/2021	8/1/2021	61	0	0	0	0	8.40E-04	3.20E-04	8.40E-04	3.20E-04
Area Source 3	2022	3/1/2022	12/31/2022	305	0	0	0	0	3.93E-03	2.99E-04	3.88E-03	2.95E-04
Area Source 3	2023	1/1/2023	12/31/2023	364	0	0	0	0	4.48E-03	2.86E-04	4.45E-03	2.84E-04
Area Source 3	2024	1/1/2024	3/1/2024	60	0	0	0	0	3.20E-04	1.24E-04	3.20E-04	1.24E-04
Area Source 4	2024	6/1/2024	12/31/2024	213	0	0	0	0	9.40E-04	1.30E-04	9.30E-04	1.28E-04
Area Source 4	2025	1/1/2025	2/1/2025	31	0	0	0	0	1.50E-04	1.42E-04	1.50E-04	1.42E-04
Area Source 5	2025	10/1/2025	12/31/2025	91	0	0	0	0	4.40E-04	1.42E-04	4.40E-04	1.42E-04
Area Source 5	2026	1/1/2026	4/1/2026	90	90	0	0	90	4.30E-04	1.40E-04	4.30E-04	1.40E-04
Area Source 6	2026	1/1/2026	9/30/2026	272	90	181	1	272	3.75E-03	3.20E-04	3.74E-03	3.19E-04
Area Source 6	2027	2/1/2027	12/31/2027	333	0	333	0	333	4.80E-03	3.35E-04	4.78E-03	3.33E-04
Area Source 6	2028	1/1/2028	7/30/2028	211	0	91	120	211	2.52E-03	2.77E-04	2.52E-03	2.77E-04
Area Source 7	2026	1/1/2026	12/31/2026	364	90	273	1	364	7.91E-03	6.39E-04	7.86E-03	6.35E-04
Area Source 7	2027	1/1/2027	12/31/2027	364	0	364	0	364	6.17E-03	4.98E-04	6.11E-03	4.93E-04
Area Source 7	2028	1/1/2028	12/12/2028	346	0	91	255	346	4.33E-03	3.68E-04	4.29E-03	3.65E-04
Area Source 8	2029	1/1/2029	7/18/2029	198	0	0	198	198	1.50E-03	1.76E-04	1.49E-03	1.75E-04

Cancer Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<9
Daily Breathing Rate	DBR	L/kg-day	361	1090	631
Fraction Of Time At Home	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00

SOURCE: Office of Environmental Health Hazard Assessment, 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* . February.

Daily breathing rate for residential receptor is based on the OEHHA 95th percentile moderate intensity breathing rates (OEHHA Table 5.7).

Fraction of time at home is set to values per OEHHA Table 8.4 for residential since the nearest school has an unmitigated cancer risk of <1 per million.

Inhalation cancer potency factor from OEHHA Table 7.1

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Source	3rd Trimester	0<2	2<9
Area Source 1	0.000	0.000	0.000
Area Source 1	0.000	0.000	0.000
Area Source 1	0.000	0.000	0.000
Area Source 2	0.000	0.000	0.000
Area Source 2	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 3	0.000	0.000	0.000
Area Source 4	0.000	0.000	0.000
Area Source 4	0.000	0.000	0.000
Area Source 5	0.000	0.000	0.000
Area Source 5	0.012	0.000	0.000
Area Source 6	0.012	0.074	0.000
Area Source 6	0.000	0.136	0.000
Area Source 6	0.000	0.037	0.009
Area Source 7	0.012	0.112	0.000
Area Source 7	0.000	0.149	0.000
Area Source 7	0.000	0.037	0.018
Area Source 8	0.000	0.000	0.014

Risk Calculation Part 1, R1 = IF*CPF*CF

3rd Trimester	0<2	2<9
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
1.34E-05	0.00E+00	0.00E+00
1.34E-05	8.14E-05	7.81E-08
0.00E+00	1.50E-04	0.00E+00
0.00E+00	4.09E-05	9.38E-06
1.34E-05	1.23E-04	7.81E-08
0.00E+00	1.64E-04	0.00E+00
0.00E+00	4.09E-05	1.99E-05
0.00E+00	0.00E+00	1.55E-05

	Cancer Risk	UTM X	UTM Y
MAX MITIGATED	6.64	595010.33	4130151.74

HI	UTM X	UTM Y
0.005	595010.33	4130151.74

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.02	595010.33	4130151.74

$PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																				PM2.5 Conc.
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	µg/m³
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029	Max. Annual
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
595010.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.022	0.017	0.012	0.000	2.E-02

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																				Risk Calculation Part 2: Cancer Risk = ∑R1*C_{DPM}				HI
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029					unitless
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
594461.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.81E-09	5.30E-08	2.33E-09	0.05813	4.E-05
594481.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.03E-09	5.74E-08	2.52E-09	0.0629025	5.E-05
594501.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.30E-09	6.24E-08	2.73E-09	0.0683888	5.E-05
594521.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.61E-09	6.82E-08	2.98E-09	0.0747685	5.E-05
594541.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.97E-09	7.49E-08	3.26E-09	0.0821608	6.E-05
594561.89	4130188.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.40E-09	8.29E-08	3.60E-09	0.0908805	7.E-05
594421.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.69E-09	5.04E-08	2.22E-09	0.0552595	4.E-05
594441.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.89E-09	5.43E-08	2.39E-09	0.0596014	4.E-05
594461.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.11E-09	5.86E-08	2.57E-09	0.0642422	5.E-05
594481.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.37E-09	6.37E-08	2.79E-09	0.0698205	5.E-05
594501.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.66E-09	6.93E-08	3.03E-09	0.0759895	5.E-05
594521.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.02E-09	7.61E-08	3.32E-09	0.0834136	6.E-05
594541.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.44E-09	8.40E-08	3.65E-09	0.0920828	7.E-05
594561.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.95E-09	9.35E-08	4.06E-09	0.1024651	7.E-05
594581.89	4130208.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-09	1.06E-07	4.57E-09	0.1157141	8.E-05
594421.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.95E-09	5.50E-08	2.42E-09	0.0603928	4.E-05
594441.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.18E-09	5.96E-08	2.62E-09	0.0653792	5.E-05
594461.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.45E-09	6.48E-08	2.84E-09	0.0710677	5.E-05
594481.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.74E-09	7.05E-08	3.09E-09	0.0773164	6.E-05
594501.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.09E-09	7.72E-08	3.38E-09	0.0846878	6.E-05
594521.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.50E-09	8.51E-08	3.71E-09	0.0933035	7.E-05
594541.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.99E-09	9.43E-08	4.10E-09	0.1034319	7.E-05
594561.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.61E-09	1.06E-07	4.60E-09	0.1161407	8.E-05
594581.89	4130228.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.40E-09	1.20E-07	5.20E-09	0.1317784	1.E-04
594421.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.24E-09	6.02E-08	2.65E-09	0.0660372	5.E-05
594441.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.51E-09	6.54E-08	2.87E-09	0.0717383	5.E-05
594461.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.81E-09	7.13E-08	3.13E-09	0.0782656	6.E-05
594481.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.17E-09	7.82E-08	3.42E-09	0.0857718	6.E-05
594501.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.57E-09	8.61E-08	3.76E-09	0.0944282	7.E-05
594521.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.04E-09	9.51E-08	4.15E-09	0.1043411	8.E-05
594561.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.39E-09	1.20E-07	5.21E-09	0.1316476	1.E-04
594581.89	4130248.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.26E-09	1.36E-07	5.90E-09	0.149386	1.E-04
594421.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.55E-09	6.57E-08	2.89E-09	0.0721319	5.E-05
594441.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.86E-09	7.16E-08	3.14E-09	0.0785854	6.E-05
594461.89	4130268.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.21E-09	7.84E-08	3.43E-09	0.0860088	6.E-05
594421.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.89E-09	7.15E-08	3.15E-09	0.0785805	6.E-05
594441.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.24E-09	7.82E-08	3.43E-09	0.0858334	6.E-05
594461.89	4130288.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-09	8.58E-08	3.76E-09	0.0941734	7.E-05
594421.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.25E-09	7.77E-08	3.42E-09	0.0853477	6.E-05
594441.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.64E-09	8.50E-08	3.73E-09	0.0933604	7.E-05
594461.89	4130308.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.09E-09	9.34E-08	4.09E-09	0.1026143	8.E-05
594361.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.15E-09	9.97E-08	4.47E-09	0.1103691	9.E-05
594381.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.70E-09	1.07E-07	4.80E-09	0.1185017	1.E-04
594401.89	4130488.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.32E-09	1.15E-07	5.15E-09	0.1273308	1.E-04
594261.22	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.48E-10	8.31E-09	3.70E-10	0.0091302	7.E-06
594281.44	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.55E-10	8.43E-09	3.75E-10	0.0092584	7.E-06
594301.66	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.63E-10	8.55E-09	3.81E-10	0.0093898	7.E-06
594321.88	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-10	8.65E-09	3.85E-10	0.0095111	7.E-06
594342.1	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.80E-10	8.77E-09	3.91E-10	0.0096376	7.E-06
594362.32	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.88E-10	8.87E-09	3.96E-10	0.0097577	7.E-06
594382.54	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.96E-10	8.98E-09	4.01E-10	0.0098756	7.E-06
594402.76	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.12E-10	9.21E-09	4.11E-10	0.0101363	8.E-06
594422.98	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.22E-10	9.34E-09	4.18E-10	0.0102789	8.E-06
594443.2	4129769.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.33E-10	9.48E-09	4.25E-10	0.0104374	8.E-06
594261.22	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.71E-10	8.77E-09	3.91E-10	0.0096358	7.E-06
594281.44	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.81E-10	8.92E-09	3.97E-10	0.0097974	7.E-06
594301.66	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.90E-10	9.06E-09	4.03E-10	0.0099507	7.E-06
594321.88	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.98E-10	9.19E-09	4.09E-10	0.0100957	7.E-06
594342.1	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.07E-10	9.31E-09	4.14E-10	0.0102335	8.E-06
594362.32	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.18E-10	9.47E-09	4.21E-10	0.0104104	8.E-06
594382.54	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.34E-10	9.71E-09	4.32E-10	0.0106707	8.E-06

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594402.76	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129789.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594261.22	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594281.44	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129809.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594261.22	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594281.44	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594483.64	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594503.86	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594524.08	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594544.3	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594564.52	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594584.74	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594604.96	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594625.18	4129849.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594261.22	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594281.44	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594483.64	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594503.86	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594524.08	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594544.3	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594564.52	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594584.74	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594604.96	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594625.18	4129869.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594261.22	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594281.44	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594483.64	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594503.86	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594524.08	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594544.3	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594564.52	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594584.74	4129889.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
5.45E-10	9.86E-09	4.39E-10	0.0108407	8.E-06
5.56E-10	1.00E-08	4.46E-10	0.0110083	8.E-06
5.68E-10	1.02E-08	4.54E-10	0.0111783	8.E-06
4.96E-10	9.26E-09	4.12E-10	0.0101656	7.E-06
5.06E-10	9.42E-09	4.19E-10	0.0103403	8.E-06
5.17E-10	9.59E-09	4.26E-10	0.0105328	8.E-06
5.27E-10	9.76E-09	4.33E-10	0.010717	8.E-06
5.38E-10	9.92E-09	4.40E-10	0.010894	8.E-06
5.56E-10	1.02E-08	4.53E-10	0.0112134	8.E-06
5.62E-10	1.03E-08	4.56E-10	0.0112785	8.E-06
5.80E-10	1.05E-08	4.68E-10	0.0115968	9.E-06
5.86E-10	1.06E-08	4.71E-10	0.0116382	9.E-06
6.07E-10	1.09E-08	4.85E-10	0.0119969	9.E-06
5.57E-10	1.04E-08	4.65E-10	0.0114654	8.E-06
5.64E-10	1.05E-08	4.69E-10	0.0115788	8.E-06
5.77E-10	1.08E-08	4.79E-10	0.0118234	9.E-06
5.91E-10	1.10E-08	4.88E-10	0.0120733	9.E-06
6.06E-10	1.12E-08	4.98E-10	0.0123372	9.E-06
6.28E-10	1.16E-08	5.14E-10	0.0127539	9.E-06
6.44E-10	1.19E-08	5.25E-10	0.0130256	1.E-05
6.61E-10	1.21E-08	5.36E-10	0.0133144	1.E-05
6.78E-10	1.24E-08	5.47E-10	0.0135941	1.E-05
6.96E-10	1.26E-08	5.59E-10	0.0138851	1.E-05
7.15E-10	1.29E-08	5.71E-10	0.0141854	1.E-05
7.35E-10	1.32E-08	5.84E-10	0.0144894	1.E-05
7.56E-10	1.35E-08	5.98E-10	0.0148163	1.E-05
7.79E-10	1.38E-08	6.13E-10	0.0151546	1.E-05
8.03E-10	1.41E-08	6.29E-10	0.015518	1.E-05
8.31E-10	1.44E-08	6.46E-10	0.015925	1.E-05
8.62E-10	1.49E-08	6.66E-10	0.0163785	1.E-05
8.98E-10	1.53E-08	6.89E-10	0.0169078	1.E-05
9.39E-10	1.59E-08	7.16E-10	0.0175281	1.E-05
5.87E-10	1.10E-08	4.92E-10	0.0121033	9.E-06
6.02E-10	1.13E-08	5.03E-10	0.0123955	9.E-06
6.10E-10	1.14E-08	5.07E-10	0.0125214	9.E-06
6.33E-10	1.18E-08	5.25E-10	0.0129807	9.E-06
6.43E-10	1.20E-08	5.30E-10	0.0131278	1.E-05
6.67E-10	1.24E-08	5.48E-10	0.0135958	1.E-05
6.86E-10	1.27E-08	5.61E-10	0.0139298	1.E-05
7.05E-10	1.30E-08	5.74E-10	0.0142663	1.E-05
7.26E-10	1.33E-08	5.87E-10	0.0146044	1.E-05
7.47E-10	1.36E-08	6.01E-10	0.0149597	1.E-05
7.69E-10	1.39E-08	6.15E-10	0.0153118	1.E-05
7.92E-10	1.43E-08	6.31E-10	0.0156801	1.E-05
8.16E-10	1.46E-08	6.46E-10	0.0160608	1.E-05
8.41E-10	1.50E-08	6.63E-10	0.0164608	1.E-05
8.69E-10	1.53E-08	6.82E-10	0.016887	1.E-05
9.00E-10	1.57E-08	7.01E-10	0.0173472	1.E-05
9.34E-10	1.62E-08	7.23E-10	0.0178513	1.E-05
9.73E-10	1.67E-08	7.48E-10	0.0184246	1.E-05
1.02E-09	1.73E-08	7.77E-10	0.0191166	2.E-05
6.20E-10	1.16E-08	5.20E-10	0.0127877	9.E-06
6.36E-10	1.19E-08	5.32E-10	0.0131132	9.E-06
6.53E-10	1.22E-08	5.45E-10	0.0134456	1.E-05
6.72E-10	1.26E-08	5.58E-10	0.0137997	1.E-05
6.90E-10	1.29E-08	5.71E-10	0.0141542	1.E-05
7.10E-10	1.32E-08	5.85E-10	0.0145207	1.E-05
7.32E-10	1.36E-08	6.00E-10	0.0149033	1.E-05
7.54E-10	1.39E-08	6.15E-10	0.0152952	1.E-05
7.77E-10	1.43E-08	6.30E-10	0.0156964	1.E-05
8.02E-10	1.47E-08	6.47E-10	0.0161245	1.E-05
8.27E-10	1.51E-08	6.64E-10	0.0165553	1.E-05
8.54E-10	1.55E-08	6.82E-10	0.0169936	1.E-05
8.82E-10	1.59E-08	7.01E-10	0.017456	1.E-05
9.11E-10	1.63E-08	7.20E-10	0.0179213	1.E-05
9.44E-10	1.67E-08	7.41E-10	0.0184313	1.E-05
9.78E-10	1.72E-08	7.63E-10	0.0189542	1.E-05
1.01E-09	1.77E-08	7.87E-10	0.0195096	2.E-05
7.32E-10	1.38E-08	6.13E-10	0.0151145	1.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594321.88	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129929.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129949.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4129969.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129969.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129969.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129969.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594261.22	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594281.44	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594301.66	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4129989.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130009.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130009.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4130009.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130009.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130029.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130029.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4130029.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130029.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594382.54	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130049.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130089.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130089.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130109.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594402.76	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130129.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594483.64	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594503.86	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594524.08	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594544.3	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594564.52	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594584.74	4130149.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
7.55E-10	1.42E-08	6.30E-10	0.0155639	1.E-05
7.78E-10	1.46E-08	6.48E-10	0.016027	1.E-05
8.05E-10	1.51E-08	6.67E-10	0.0165294	1.E-05
8.92E-10	1.65E-08	7.28E-10	0.0181457	1.E-05
9.24E-10	1.71E-08	7.50E-10	0.0187306	1.E-05
7.76E-10	1.46E-08	6.51E-10	0.0160287	1.E-05
8.01E-10	1.51E-08	6.70E-10	0.0165411	1.E-05
8.28E-10	1.56E-08	6.90E-10	0.0170701	1.E-05
8.57E-10	1.61E-08	7.12E-10	0.0176411	1.E-05
9.21E-10	1.72E-08	7.58E-10	0.0188619	1.E-05
9.56E-10	1.78E-08	7.83E-10	0.0195165	1.E-05
9.93E-10	1.84E-08	8.09E-10	0.0202018	1.E-05
1.03E-09	1.90E-08	8.36E-10	0.0209131	2.E-05
9.85E-10	1.84E-08	8.14E-10	0.0202371	1.E-05
1.03E-09	1.91E-08	8.42E-10	0.020997	2.E-05
1.07E-09	1.98E-08	8.72E-10	0.0217904	2.E-05
1.11E-09	2.06E-08	9.05E-10	0.0226327	2.E-05
8.19E-10	1.54E-08	6.90E-10	0.0168979	1.E-05
8.46E-10	1.59E-08	7.12E-10	0.0174764	1.E-05
8.75E-10	1.65E-08	7.36E-10	0.0180916	1.E-05
9.06E-10	1.71E-08	7.61E-10	0.0187348	1.E-05
9.40E-10	1.77E-08	7.87E-10	0.0194313	1.E-05
9.76E-10	1.84E-08	8.15E-10	0.0201656	1.E-05
1.10E-09	2.06E-08	9.07E-10	0.0226074	2.E-05
1.15E-09	2.14E-08	9.43E-10	0.0235338	2.E-05
1.20E-09	2.23E-08	9.80E-10	0.0245158	2.E-05
1.00E-09	1.89E-08	8.41E-10	0.0207492	1.E-05
1.04E-09	1.97E-08	8.73E-10	0.0215723	2.E-05
1.09E-09	2.05E-08	9.06E-10	0.0224594	2.E-05
1.19E-09	2.22E-08	9.81E-10	0.0244134	2.E-05
1.08E-09	2.03E-08	9.03E-10	0.0222799	2.E-05
1.12E-09	2.11E-08	9.39E-10	0.0232093	2.E-05
1.17E-09	2.21E-08	9.76E-10	0.0241975	2.E-05
1.28E-09	2.40E-08	1.06E-09	0.0263557	2.E-05
1.11E-09	2.08E-08	9.28E-10	0.022866	2.E-05
1.15E-09	2.17E-08	9.66E-10	0.0238406	2.E-05
1.20E-09	2.27E-08	1.01E-09	0.0248932	2.E-05
1.26E-09	2.37E-08	1.05E-09	0.0260066	2.E-05
1.38E-09	2.59E-08	1.14E-09	0.0284546	2.E-05
1.45E-09	2.72E-08	1.20E-09	0.0298708	2.E-05
1.53E-09	2.86E-08	1.26E-09	0.0314188	2.E-05
1.71E-09	3.23E-08	1.42E-09	0.0353916	3.E-05
1.81E-09	3.41E-08	1.50E-09	0.0374467	3.E-05
1.36E-09	2.54E-08	1.13E-09	0.0278669	2.E-05
1.42E-09	2.67E-08	1.19E-09	0.0292589	2.E-05
1.50E-09	2.82E-08	1.25E-09	0.0309402	2.E-05
1.66E-09	3.13E-08	1.39E-09	0.0343788	2.E-05
1.75E-09	3.31E-08	1.46E-09	0.0363231	3.E-05
1.86E-09	3.51E-08	1.55E-09	0.0385125	3.E-05
1.98E-09	3.73E-08	1.64E-09	0.0409171	3.E-05
1.46E-09	2.73E-08	1.22E-09	0.0300148	2.E-05
1.54E-09	2.88E-08	1.28E-09	0.0315909	2.E-05
1.62E-09	3.04E-08	1.35E-09	0.0333594	2.E-05
1.80E-09	3.39E-08	1.50E-09	0.0371791	3.E-05
1.90E-09	3.58E-08	1.58E-09	0.039258	3.E-05
2.03E-09	3.83E-08	1.69E-09	0.0419772	3.E-05
2.16E-09	4.09E-08	1.79E-09	0.0448138	3.E-05
1.58E-09	2.93E-08	1.31E-09	0.0322252	2.E-05
1.66E-09	3.10E-08	1.38E-09	0.0340073	2.E-05
1.76E-09	3.28E-08	1.46E-09	0.0359792	3.E-05
2.06E-09	3.88E-08	1.72E-09	0.0426146	3.E-05
2.20E-09	4.16E-08	1.83E-09	0.0455949	3.E-05
2.36E-09	4.45E-08	1.96E-09	0.0488579	4.E-05
2.54E-09	4.81E-08	2.11E-09	0.0527063	4.E-05
2.75E-09	5.18E-08	2.27E-09	0.0568615	4.E-05
2.98E-09	5.61E-08	2.45E-09	0.0615339	4.E-05
3.25E-09	6.11E-08	2.66E-09	0.0669688	5.E-05
3.57E-09	6.69E-08	2.90E-09	0.0733228	5.E-05
3.96E-09	7.35E-08	3.19E-09	0.0806781	6.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594301.66	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594321.88	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594342.1	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594362.32	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594422.98	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594443.2	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594463.42	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594483.64	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594503.86	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594524.08	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594544.3	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594564.52	4130169.7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595030.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129651.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595030.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129671.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129691.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.61E-09	2.99E-08	1.33E-09	0.0327986	2.E-05
1.70E-09	3.15E-08	1.41E-09	0.0346285	3.E-05
1.79E-09	3.33E-08	1.48E-09	0.0366219	3.E-05
1.90E-09	3.53E-08	1.57E-09	0.0388106	3.E-05
2.24E-09	4.23E-08	1.87E-09	0.0463776	3.E-05
2.40E-09	4.53E-08	2.00E-09	0.0497255	4.E-05
2.58E-09	4.88E-08	2.14E-09	0.053477	4.E-05
2.78E-09	5.26E-08	2.31E-09	0.057726	4.E-05
3.02E-09	5.71E-08	2.50E-09	0.0626212	5.E-05
3.30E-09	6.22E-08	2.71E-09	0.0682097	5.E-05
3.62E-09	6.81E-08	2.96E-09	0.0747026	5.E-05
4.01E-09	7.53E-08	3.27E-09	0.0826238	6.E-05
9.71E-10	1.59E-08	7.31E-10	0.0176187	1.E-05
1.05E-09	1.73E-08	7.94E-10	0.0191908	2.E-05
1.15E-09	1.90E-08	8.67E-10	0.0209825	2.E-05
1.25E-09	2.08E-08	9.50E-10	0.0230217	2.E-05
1.37E-09	2.30E-08	1.05E-09	0.0253756	2.E-05
1.50E-09	2.55E-08	1.16E-09	0.028124	2.E-05
1.66E-09	2.83E-08	1.28E-09	0.0312165	2.E-05
1.83E-09	3.14E-08	1.42E-09	0.0346771	3.E-05
2.02E-09	3.50E-08	1.58E-09	0.0385792	3.E-05
2.23E-09	3.89E-08	1.75E-09	0.0428419	3.E-05
2.45E-09	4.31E-08	1.94E-09	0.0475049	4.E-05
2.70E-09	4.77E-08	2.15E-09	0.0525749	4.E-05
2.97E-09	5.27E-08	2.36E-09	0.0580404	4.E-05
3.24E-09	5.77E-08	2.58E-09	0.0635698	5.E-05
3.64E-09	6.54E-08	2.92E-09	0.0719527	5.E-05
3.98E-09	7.17E-08	3.19E-09	0.0788899	6.E-05
1.02E-09	1.67E-08	7.65E-10	0.0184545	2.E-05
1.11E-09	1.82E-08	8.33E-10	0.0201423	2.E-05
1.21E-09	1.99E-08	9.11E-10	0.022064	2.E-05
1.32E-09	2.20E-08	1.00E-09	0.0243075	2.E-05
1.45E-09	2.43E-08	1.11E-09	0.0268894	2.E-05
1.60E-09	2.70E-08	1.23E-09	0.0298346	2.E-05
1.76E-09	3.01E-08	1.36E-09	0.0332376	3.E-05
1.96E-09	3.36E-08	1.52E-09	0.037126	3.E-05
2.17E-09	3.76E-08	1.70E-09	0.0414344	3.E-05
2.40E-09	4.19E-08	1.89E-09	0.0461725	4.E-05
2.65E-09	4.67E-08	2.10E-09	0.0514127	4.E-05
2.93E-09	5.19E-08	2.33E-09	0.0571782	4.E-05
3.23E-09	5.75E-08	2.57E-09	0.063253	5.E-05
3.54E-09	6.33E-08	2.83E-09	0.0697051	5.E-05
4.37E-09	7.90E-08	3.51E-09	0.0869222	7.E-05
1.07E-09	1.75E-08	8.00E-10	0.0193369	2.E-05
1.16E-09	1.91E-08	8.74E-10	0.0211656	2.E-05
1.27E-09	2.11E-08	9.60E-10	0.0232889	2.E-05
1.40E-09	2.33E-08	1.06E-09	0.0257548	2.E-05
1.54E-09	2.59E-08	1.18E-09	0.0285801	2.E-05
1.70E-09	2.88E-08	1.31E-09	0.0318146	3.E-05
1.89E-09	3.23E-08	1.46E-09	0.0356127	3.E-05
2.10E-09	3.62E-08	1.63E-09	0.039891	3.E-05
2.34E-09	4.06E-08	1.83E-09	0.0447759	3.E-05
2.60E-09	4.55E-08	2.05E-09	0.0501335	4.E-05
2.88E-09	5.07E-08	2.28E-09	0.0558706	4.E-05
3.19E-09	5.66E-08	2.53E-09	0.0623107	5.E-05
3.89E-09	6.97E-08	3.11E-09	0.0766977	6.E-05
4.28E-09	7.70E-08	3.42E-09	0.0847415	6.E-05
4.84E-09	8.77E-08	3.88E-09	0.0964264	7.E-05
1.13E-09	1.84E-08	8.41E-10	0.0203397	2.E-05
1.23E-09	2.02E-08	9.21E-10	0.0223323	2.E-05
1.35E-09	2.23E-08	1.01E-09	0.0246126	2.E-05
1.49E-09	2.47E-08	1.12E-09	0.0273608	2.E-05
1.64E-09	2.76E-08	1.25E-09	0.0304718	2.E-05
1.82E-09	3.08E-08	1.39E-09	0.0339924	3.E-05
2.03E-09	3.46E-08	1.56E-09	0.0381901	3.E-05
2.26E-09	3.90E-08	1.76E-09	0.0430132	3.E-05
4.29E-09	7.70E-08	3.42E-09	0.084714	6.E-05
4.86E-09	8.80E-08	3.90E-09	0.0967778	7.E-05
5.38E-09	9.79E-08	4.32E-09	0.1075787	8.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595130.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595150.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595170.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595130.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595150.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595210.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595230.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595270.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595290.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594470.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594590.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595170.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595190.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595210.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595230.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595270.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595290.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594470.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594590.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
6.57E-09	1.21E-07	5.30E-09	0.1324018	1.E-04
7.24E-09	1.33E-07	5.85E-09	0.1465637	1.E-04
7.92E-09	1.47E-07	6.41E-09	0.1608719	1.E-04
1.19E-09	1.93E-08	8.84E-10	0.021421	2.E-05
1.30E-09	2.13E-08	9.71E-10	0.0235651	2.E-05
1.43E-09	2.36E-08	1.07E-09	0.0260593	2.E-05
1.58E-09	2.62E-08	1.19E-09	0.0290035	2.E-05
1.75E-09	2.94E-08	1.33E-09	0.0324619	3.E-05
1.95E-09	3.30E-08	1.49E-09	0.0364742	3.E-05
2.18E-09	3.73E-08	1.68E-09	0.0411396	3.E-05
2.45E-09	4.23E-08	1.90E-09	0.0466228	4.E-05
2.75E-09	4.78E-08	2.15E-09	0.0527097	4.E-05
3.08E-09	5.40E-08	2.42E-09	0.0595178	5.E-05
3.44E-09	6.08E-08	2.72E-09	0.0669942	5.E-05
3.84E-09	6.83E-08	3.04E-09	0.0751668	6.E-05
4.89E-09	8.83E-08	3.91E-09	0.0970479	7.E-05
5.43E-09	9.85E-08	4.35E-09	0.1083067	8.E-05
6.02E-09	1.10E-07	4.84E-09	0.1207455	9.E-05
7.41E-09	1.36E-07	5.98E-09	0.1497621	1.E-04
8.19E-09	1.52E-07	6.62E-09	0.1663244	1.E-04
1.05E-08	1.96E-07	8.55E-09	0.2149284	2.E-04
1.12E-08	2.10E-07	9.17E-09	0.2305717	2.E-04
1.26E-08	2.37E-07	1.03E-08	0.2602674	2.E-04
1.32E-08	2.49E-07	1.09E-08	0.2734199	2.E-04
5.07E-10	8.87E-09	4.01E-10	0.0097798	8.E-06
5.18E-10	8.99E-09	4.07E-10	0.0099113	8.E-06
5.30E-10	9.13E-09	4.15E-10	0.010072	8.E-06
5.44E-10	9.30E-09	4.24E-10	0.010265	8.E-06
5.63E-10	9.54E-09	4.36E-10	0.0105433	8.E-06
5.83E-10	9.81E-09	4.50E-10	0.0108423	9.E-06
6.08E-10	1.01E-08	4.66E-10	0.0112113	9.E-06
1.26E-09	2.04E-08	9.31E-10	0.0225878	2.E-05
1.38E-09	2.25E-08	1.03E-09	0.0249432	2.E-05
1.52E-09	2.50E-08	1.14E-09	0.027688	2.E-05
1.69E-09	2.80E-08	1.27E-09	0.0309702	3.E-05
1.88E-09	3.14E-08	1.42E-09	0.0347253	3.E-05
2.10E-09	3.55E-08	1.60E-09	0.0391709	3.E-05
2.35E-09	4.03E-08	1.81E-09	0.044433	4.E-05
2.65E-09	4.58E-08	2.06E-09	0.0505333	4.E-05
2.99E-09	5.21E-08	2.33E-09	0.0574236	4.E-05
3.36E-09	5.91E-08	2.64E-09	0.0651386	5.E-05
3.78E-09	6.70E-08	2.99E-09	0.073786	6.E-05
4.25E-09	7.58E-08	3.37E-09	0.0834384	6.E-05
5.47E-09	9.91E-08	4.37E-09	0.1088996	8.E-05
6.10E-09	1.11E-07	4.90E-09	0.1221981	9.E-05
6.81E-09	1.25E-07	5.47E-09	0.1369144	1.E-04
1.02E-08	1.90E-07	8.26E-09	0.208209	2.E-04
1.10E-08	2.06E-07	8.98E-09	0.2264509	2.E-04
1.19E-08	2.23E-07	9.70E-09	0.2443806	2.E-04
1.27E-08	2.38E-07	1.04E-08	0.2613797	2.E-04
1.41E-08	2.67E-07	1.16E-08	0.2925003	2.E-04
1.47E-08	2.79E-07	1.22E-08	0.3061714	2.E-04
5.53E-10	9.75E-09	4.38E-10	0.0107363	8.E-06
5.53E-10	9.65E-09	4.35E-10	0.0106394	8.E-06
5.80E-10	1.01E-08	4.56E-10	0.0111257	9.E-06
5.81E-10	9.99E-09	4.53E-10	0.0110237	9.E-06
6.17E-10	1.06E-08	4.80E-10	0.0116657	9.E-06
6.20E-10	1.05E-08	4.78E-10	0.011581	9.E-06
6.45E-10	1.08E-08	4.94E-10	0.0119382	1.E-05
1.33E-09	2.15E-08	9.82E-10	0.0238544	2.E-05
1.46E-09	2.39E-08	1.08E-09	0.0263989	2.E-05
1.62E-09	2.66E-08	1.21E-09	0.0294338	2.E-05
1.80E-09	2.98E-08	1.35E-09	0.0329552	3.E-05
2.01E-09	3.37E-08	1.52E-09	0.0372745	3.E-05
2.26E-09	3.83E-08	1.72E-09	0.0422863	3.E-05
2.64E-09	4.54E-08	2.03E-09	0.0500514	4.E-05
2.98E-09	5.19E-08	2.32E-09	0.0571835	4.E-05
3.37E-09	5.92E-08	2.64E-09	0.0652033	5.E-05
3.82E-09	6.75E-08	3.00E-09	0.0743193	6.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594990.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595170.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595190.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595230.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595250.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595270.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595290.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594470.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594590.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594610.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595190.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595210.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595230.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595250.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595270.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595290.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595310.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595330.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594470.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594590.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594610.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595070.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595090.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595190.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595210.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595250.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595270.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595310.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595350.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594790.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
4.20E-09	7.46E-08	3.32E-09	0.082145	6.E-05
4.85E-09	8.71E-08	3.86E-09	0.0958402	7.E-05
6.16E-09	1.12E-07	4.93E-09	0.1230824	9.E-05
6.92E-09	1.26E-07	5.55E-09	0.1389449	1.E-04
7.73E-09	1.42E-07	6.23E-09	0.1561702	1.E-04
1.16E-08	2.18E-07	9.46E-09	0.2388854	2.E-04
1.26E-08	2.37E-07	1.03E-08	0.2593874	2.E-04
1.43E-08	2.71E-07	1.18E-08	0.2973137	2.E-04
1.51E-08	2.86E-07	1.24E-08	0.3137907	2.E-04
1.58E-08	3.00E-07	1.31E-08	0.3291664	2.E-04
1.65E-08	3.13E-07	1.36E-08	0.3430921	2.E-04
5.90E-10	1.05E-08	4.68E-10	0.0115139	9.E-06
6.05E-10	1.06E-08	4.77E-10	0.0117265	9.E-06
6.20E-10	1.08E-08	4.88E-10	0.011951	9.E-06
6.38E-10	1.11E-08	4.99E-10	0.012209	1.E-05
6.57E-10	1.13E-08	5.12E-10	0.0124868	1.E-05
6.82E-10	1.16E-08	5.28E-10	0.0128475	1.E-05
7.09E-10	1.20E-08	5.46E-10	0.0132648	1.E-05
7.41E-10	1.24E-08	5.67E-10	0.0137533	1.E-05
1.41E-09	2.28E-08	1.04E-09	0.0252354	2.E-05
1.55E-09	2.53E-08	1.15E-09	0.0279969	2.E-05
1.73E-09	2.83E-08	1.28E-09	0.031345	3.E-05
1.93E-09	3.20E-08	1.45E-09	0.0354206	3.E-05
2.17E-09	3.63E-08	1.64E-09	0.0401094	3.E-05
2.45E-09	4.15E-08	1.87E-09	0.0458364	4.E-05
3.27E-09	5.69E-08	2.54E-09	0.0626717	5.E-05
3.71E-09	6.53E-08	2.90E-09	0.0719127	6.E-05
4.23E-09	7.50E-08	3.33E-09	0.08253	6.E-05
4.81E-09	8.60E-08	3.81E-09	0.0946697	7.E-05
5.47E-09	9.85E-08	4.35E-09	0.1083532	8.E-05
7.00E-09	1.28E-07	5.61E-09	0.1404936	1.E-04
7.90E-09	1.45E-07	6.36E-09	0.1594385	1.E-04
8.88E-09	1.64E-07	7.17E-09	0.1802606	1.E-04
1.44E-08	2.72E-07	1.18E-08	0.2984066	2.E-04
1.54E-08	2.92E-07	1.26E-08	0.3196386	2.E-04
1.63E-08	3.09E-07	1.34E-08	0.3389514	2.E-04
1.71E-08	3.25E-07	1.41E-08	0.3562629	3.E-04
1.78E-08	3.40E-07	1.47E-08	0.3721722	3.E-04
1.85E-08	3.52E-07	1.53E-08	0.3857239	3.E-04
1.89E-08	3.61E-07	1.57E-08	0.3958308	3.E-04
1.93E-08	3.69E-07	1.60E-08	0.4041115	3.E-04
6.31E-10	1.12E-08	5.02E-10	0.0123826	9.E-06
6.48E-10	1.15E-08	5.12E-10	0.0126241	1.E-05
6.64E-10	1.17E-08	5.23E-10	0.0128633	1.E-05
6.84E-10	1.19E-08	5.35E-10	0.0131438	1.E-05
7.04E-10	1.22E-08	5.49E-10	0.0134393	1.E-05
7.29E-10	1.25E-08	5.65E-10	0.0138053	1.E-05
7.57E-10	1.29E-08	5.83E-10	0.0142164	1.E-05
7.91E-10	1.33E-08	6.05E-10	0.0147328	1.E-05
1.50E-09	2.42E-08	1.10E-09	0.0268499	2.E-05
1.66E-09	2.70E-08	1.23E-09	0.0299088	2.E-05
1.85E-09	3.04E-08	1.37E-09	0.0336017	3.E-05
2.08E-09	3.45E-08	1.56E-09	0.0381604	3.E-05
2.35E-09	3.94E-08	1.77E-09	0.0435003	4.E-05
2.67E-09	4.53E-08	2.03E-09	0.0499553	4.E-05
4.12E-09	7.26E-08	3.22E-09	0.0799235	6.E-05
4.72E-09	8.39E-08	3.71E-09	0.0923797	7.E-05
5.42E-09	9.72E-08	4.29E-09	0.106938	8.E-05
6.19E-09	1.12E-07	4.93E-09	0.1231597	9.E-05
8.04E-09	1.47E-07	6.45E-09	0.1619243	1.E-04
9.12E-09	1.68E-07	7.35E-09	0.1848738	1.E-04
1.03E-08	1.91E-07	8.33E-09	0.2097973	2.E-04
1.66E-08	3.15E-07	1.36E-08	0.3449477	2.E-04
1.76E-08	3.35E-07	1.45E-08	0.3675537	3.E-04
1.94E-08	3.71E-07	1.61E-08	0.4067042	3.E-04
2.01E-08	3.84E-07	1.67E-08	0.4209933	3.E-04
2.11E-08	4.03E-07	1.75E-08	0.4415166	3.E-04
2.15E-08	4.12E-07	1.79E-08	0.4517085	3.E-04
1.60E-09	2.58E-08	1.17E-09	0.0286211	2.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594810.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595070.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595090.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595270.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595310.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595330.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595350.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594790.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594990.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595050.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595070.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595090.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595290.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595310.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595330.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
594790.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594990.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595010.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595030.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595050.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595090.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595110.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595130.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595150.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595170.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595190.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595210.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595230.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595250.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595270.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595290.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595310.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595330.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595350.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595370.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595390.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595430.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595450.33	4129911.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594790.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.78E-09	2.89E-08	1.31E-09	0.0319764	3.E-05
1.99E-09	3.26E-08	1.47E-09	0.0360566	3.E-05
2.25E-09	3.73E-08	1.68E-09	0.0412064	3.E-05
2.55E-09	4.27E-08	1.92E-09	0.0471834	4.E-05
2.91E-09	4.95E-08	2.21E-09	0.0546222	4.E-05
4.59E-09	8.12E-08	3.59E-09	0.0893433	7.E-05
5.31E-09	9.47E-08	4.18E-09	0.1042175	8.E-05
6.15E-09	1.11E-07	4.88E-09	0.1219135	9.E-05
7.09E-09	1.29E-07	5.65E-09	0.1415082	1.E-04
9.33E-09	1.72E-07	7.51E-09	0.1889803	1.E-04
1.06E-08	1.98E-07	8.60E-09	0.2169711	2.E-04
1.20E-08	2.25E-07	9.78E-09	0.2470716	2.E-04
2.27E-08	4.34E-07	1.88E-08	0.4759244	3.E-04
2.34E-08	4.49E-07	1.95E-08	0.49202	3.E-04
2.36E-08	4.52E-07	1.96E-08	0.4952649	4.E-04
2.36E-08	4.53E-07	1.97E-08	0.4958784	4.E-04
1.71E-09	2.76E-08	1.25E-09	0.030606	3.E-05
1.91E-09	3.10E-08	1.40E-09	0.0342819	3.E-05
2.21E-09	3.64E-08	1.64E-09	0.040272	3.E-05
2.51E-09	4.18E-08	1.87E-09	0.0461515	4.E-05
2.86E-09	4.83E-08	2.16E-09	0.0533678	4.E-05
3.29E-09	5.63E-08	2.51E-09	0.0621193	5.E-05
5.18E-09	9.18E-08	4.05E-09	0.1010389	8.E-05
6.05E-09	1.08E-07	4.77E-09	0.1192157	9.E-05
7.06E-09	1.28E-07	5.61E-09	0.1404771	1.E-04
8.19E-09	1.50E-07	6.54E-09	0.1643938	1.E-04
1.10E-08	2.03E-07	8.85E-09	0.2232244	2.E-04
1.26E-08	2.35E-07	1.02E-08	0.2577577	2.E-04
1.43E-08	2.68E-07	1.16E-08	0.2942016	2.E-04
2.58E-08	4.96E-07	2.15E-08	0.5430541	4.E-04
2.59E-08	4.99E-07	2.16E-08	0.546148	4.E-04
2.59E-08	4.98E-07	2.16E-08	0.5454251	4.E-04
2.27E-09	3.68E-08	1.65E-09	0.0407147	3.E-05
2.53E-09	4.13E-08	1.85E-09	0.0456857	4.E-05
2.87E-09	4.74E-08	2.11E-09	0.0523412	4.E-05
3.31E-09	5.53E-08	2.46E-09	0.0611169	5.E-05
3.86E-09	6.54E-08	2.90E-09	0.0721084	6.E-05
4.56E-09	7.84E-08	3.46E-09	0.0864535	7.E-05
5.45E-09	9.51E-08	4.19E-09	0.104766	8.E-05
6.56E-09	1.16E-07	5.10E-09	0.1280105	1.E-04
7.94E-09	1.43E-07	6.24E-09	0.1570687	1.E-04
9.64E-09	1.76E-07	7.65E-09	0.1932198	1.E-04
1.17E-08	2.15E-07	9.34E-09	0.2363049	2.E-04
1.39E-08	2.60E-07	1.12E-08	0.2851957	2.E-04
1.66E-08	3.13E-07	1.35E-08	0.3432494	2.E-04
1.96E-08	3.71E-07	1.60E-08	0.4070521	3.E-04
2.57E-08	4.93E-07	2.12E-08	0.5397954	4.E-04
2.84E-08	5.46E-07	2.35E-08	0.5981524	4.E-04
3.07E-08	5.93E-07	2.55E-08	0.6495182	5.E-04
3.26E-08	6.31E-07	2.71E-08	0.6902142	5.E-04
3.40E-08	6.59E-07	2.83E-08	0.7210751	5.E-04
3.50E-08	6.78E-07	2.91E-08	0.7422617	5.E-04
3.56E-08	6.91E-07	2.97E-08	0.7560516	5.E-04
3.60E-08	6.99E-07	3.01E-08	0.7646378	5.E-04
3.60E-08	6.97E-07	3.00E-08	0.7626132	5.E-04
3.56E-08	6.89E-07	2.98E-08	0.7548007	5.E-04
3.49E-08	6.76E-07	2.92E-08	0.7403014	5.E-04
3.43E-08	6.64E-07	2.88E-08	0.7266629	5.E-04
3.35E-08	6.47E-07	2.81E-08	0.7082211	5.E-04
3.25E-08	6.26E-07	2.72E-08	0.6853266	5.E-04
3.14E-08	6.05E-07	2.64E-08	0.6625041	5.E-04
3.03E-08	5.83E-07	2.55E-08	0.6387872	5.E-04
2.80E-08	5.38E-07	2.36E-08	0.5893893	4.E-04
2.69E-08	5.14E-07	2.26E-08	0.5638797	4.E-04
2.51E-09	4.08E-08	1.82E-09	0.0451008	4.E-05
2.81E-09	4.59E-08	2.05E-09	0.0507995	4.E-05
3.20E-09	5.28E-08	2.35E-09	0.0583479	5.E-05
3.70E-09	6.19E-08	2.74E-09	0.0683058	6.E-05
4.35E-09	7.38E-08	3.26E-09	0.0814466	6.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594890.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594950.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594970.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594990.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595010.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595030.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595050.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595090.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595110.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595130.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595150.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000
595170.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595190.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595210.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595250.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000
595270.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595290.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595310.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595330.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595350.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595370.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595390.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595430.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.001	0.001	0.000
595450.33	4129931.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
594790.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594930.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594950.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594970.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594990.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595010.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
595030.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595050.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595090.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595110.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595130.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595150.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595170.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595190.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595210.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595250.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595290.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.001	0.000
595310.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595330.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595350.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.002	0.002	0.001	0.000
595370.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.002	0.001	0.000
595390.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.001	0.001	0.000
595430.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.001	0.001	0.000
595450.33	4129951.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
594510.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595090.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.000
595110.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595130.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595150.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595170.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595190.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595210.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.000
595230.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.000
595250.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595270.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
5.20E-09	8.98E-08	3.95E-09	0.0989593	8.E-05
6.32E-09	1.11E-07	4.86E-09	0.1221074	9.E-05
7.70E-09	1.37E-07	6.00E-09	0.1511231	1.E-04
9.47E-09	1.72E-07	7.48E-09	0.1886445	1.E-04
1.17E-08	2.15E-07	9.32E-09	0.2356457	2.E-04
1.43E-08	2.66E-07	1.15E-08	0.292005	2.E-04
1.74E-08	3.27E-07	1.41E-08	0.3589865	3.E-04
2.10E-08	3.99E-07	1.72E-08	0.4369535	3.E-04
2.47E-08	4.73E-07	2.03E-08	0.5184687	4.E-04
3.19E-08	6.17E-07	2.65E-08	0.6758466	5.E-04
3.49E-08	6.76E-07	2.90E-08	0.7402338	5.E-04
3.73E-08	7.24E-07	3.10E-08	0.791769	6.E-04
3.89E-08	7.56E-07	3.24E-08	0.8274905	6.E-04
4.00E-08	7.78E-07	3.34E-08	0.8512711	6.E-04
4.06E-08	7.90E-07	3.39E-08	0.8650635	6.E-04
4.08E-08	7.93E-07	3.41E-08	0.8682058	6.E-04
4.00E-08	7.77E-07	3.35E-08	0.8509513	6.E-04
3.92E-08	7.61E-07	3.28E-08	0.832629	6.E-04
3.83E-08	7.42E-07	3.21E-08	0.8119959	6.E-04
3.72E-08	7.19E-07	3.11E-08	0.787114	6.E-04
3.59E-08	6.94E-07	3.01E-08	0.7601737	5.E-04
3.45E-08	6.66E-07	2.90E-08	0.7295915	5.E-04
3.32E-08	6.40E-07	2.79E-08	0.7009113	5.E-04
3.18E-08	6.12E-07	2.67E-08	0.6702074	5.E-04
2.91E-08	5.57E-07	2.45E-08	0.6107685	4.E-04
2.77E-08	5.31E-07	2.34E-08	0.5816295	4.E-04
2.79E-09	4.56E-08	2.03E-09	0.0504698	4.E-05
3.15E-09	5.18E-08	2.30E-09	0.0572174	5.E-05
3.60E-09	5.96E-08	2.64E-09	0.0658478	5.E-05
4.18E-09	7.01E-08	3.10E-09	0.0773684	6.E-05
4.95E-09	8.43E-08	3.71E-09	0.0929982	7.E-05
5.98E-09	1.04E-07	4.54E-09	0.1140853	9.E-05
7.33E-09	1.29E-07	5.65E-09	0.1423564	1.E-04
9.17E-09	1.64E-07	7.16E-09	0.1805036	1.E-04
1.15E-08	2.10E-07	9.10E-09	0.230113	2.E-04
1.44E-08	2.67E-07	1.16E-08	0.2931337	2.E-04
1.80E-08	3.38E-07	1.46E-08	0.3709699	3.E-04
2.23E-08	4.24E-07	1.82E-08	0.4640003	3.E-04
2.70E-08	5.18E-07	2.22E-08	0.567224	4.E-04
3.18E-08	6.14E-07	2.63E-08	0.6726162	5.E-04
4.01E-08	7.81E-07	3.34E-08	0.8542139	6.E-04
4.30E-08	8.39E-07	3.59E-08	0.9175821	6.E-04
4.52E-08	8.81E-07	3.77E-08	0.9642756	7.E-04
4.63E-08	9.04E-07	3.87E-08	0.9888883	7.E-04
4.69E-08	9.15E-07	3.92E-08	1.0010166	7.E-04
4.70E-08	9.16E-07	3.93E-08	1.0023949	7.E-04
4.65E-08	9.06E-07	3.89E-08	0.991097	7.E-04
4.42E-08	8.60E-07	3.71E-08	0.941593	7.E-04
4.14E-08	8.02E-07	3.47E-08	0.8780429	6.E-04
3.98E-08	7.70E-07	3.34E-08	0.8433445	6.E-04
3.82E-08	7.38E-07	3.21E-08	0.8080121	6.E-04
3.64E-08	7.02E-07	3.06E-08	0.7691471	5.E-04
3.47E-08	6.69E-07	2.92E-08	0.7328707	5.E-04
3.31E-08	6.36E-07	2.78E-08	0.6967414	5.E-04
2.99E-08	5.73E-07	2.52E-08	0.6280842	4.E-04
2.84E-08	5.43E-07	2.39E-08	0.5952269	4.E-04
1.24E-09	2.28E-08	9.97E-10	0.0250223	2.E-05
1.30E-09	2.37E-08	1.04E-09	0.0260281	2.E-05
1.36E-09	2.47E-08	1.08E-09	0.0271368	2.E-05
5.07E-08	9.93E-07	4.24E-08	1.086253	8.E-04
5.33E-08	1.04E-06	4.45E-08	1.1411593	8.E-04
5.45E-08	1.07E-06	4.56E-08	1.1686219	8.E-04
5.48E-08	1.07E-06	4.58E-08	1.1731526	8.E-04
5.44E-08	1.07E-06	4.56E-08	1.165327	8.E-04
5.36E-08	1.05E-06	4.49E-08	1.1452894	8.E-04
5.21E-08	1.02E-06	4.37E-08	1.1133701	8.E-04
5.05E-08	9.84E-07	4.23E-08	1.0770118	8.E-04
4.84E-08	9.41E-07	4.06E-08	1.0302733	7.E-04
4.64E-08	9.01E-07	3.89E-08	0.9859957	7.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595290.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595310.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.002	0.002	0.001	0.000
595330.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.002	0.001	0.000
595350.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.002	0.002	0.001	0.000
595370.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595390.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595430.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595450.33	4129971.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594510.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594910.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594930.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594950.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594970.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
595010.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.000
595030.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.000
595050.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595090.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.000
595110.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.000
595130.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.000
595150.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595170.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595190.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595210.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595230.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595250.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.000
595270.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.003	0.002	0.002	0.000
595290.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000
595310.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.001	0.000
595330.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595350.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595370.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595390.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595430.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4129991.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594510.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594890.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594910.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594930.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594950.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
594970.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
595010.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595030.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595050.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595090.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.004	0.003	0.000
595110.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595150.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595170.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595230.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.004	0.003	0.002	0.000
595250.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.003	0.002	0.000
595270.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.003	0.002	0.002	0.000
595290.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595310.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.001	0.000
595330.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595350.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595370.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
4.44E-08	8.60E-07	3.72E-08	0.9417998	7.E-04
4.22E-08	8.18E-07	3.55E-08	0.8955647	6.E-04
4.02E-08	7.76E-07	3.38E-08	0.8504205	6.E-04
3.80E-08	7.33E-07	3.20E-08	0.8031645	6.E-04
3.60E-08	6.93E-07	3.03E-08	0.759642	5.E-04
3.41E-08	6.55E-07	2.87E-08	0.7180497	5.E-04
3.05E-08	5.84E-07	2.57E-08	0.6405622	5.E-04
2.88E-08	5.51E-07	2.44E-08	0.6044545	4.E-04
1.35E-09	2.49E-08	1.09E-09	0.0273251	2.E-05
1.42E-09	2.60E-08	1.14E-09	0.0285554	2.E-05
1.49E-09	2.72E-08	1.19E-09	0.0298654	2.E-05
3.61E-09	5.98E-08	2.64E-09	0.066063	5.E-05
4.06E-09	6.75E-08	2.97E-09	0.0744832	6.E-05
4.66E-09	7.79E-08	3.42E-09	0.0859714	7.E-05
5.47E-09	9.25E-08	4.06E-09	0.1019974	8.E-05
6.59E-09	1.13E-07	4.95E-09	0.1247849	1.E-04
8.17E-09	1.43E-07	6.25E-09	0.1576667	1.E-04
1.05E-08	1.87E-07	8.13E-09	0.2057338	2.E-04
1.37E-08	2.50E-07	1.08E-08	0.2747545	2.E-04
1.82E-08	3.40E-07	1.46E-08	0.3723541	3.E-04
2.43E-08	4.60E-07	1.97E-08	0.5043458	4.E-04
4.03E-08	7.84E-07	3.34E-08	0.8573466	6.E-04
4.87E-08	9.52E-07	4.06E-08	1.0414926	7.E-04
5.59E-08	1.10E-06	4.67E-08	1.1990314	8.E-04
6.41E-08	1.26E-06	5.38E-08	1.3796561	1.E-03
6.53E-08	1.28E-06	5.47E-08	1.4044736	1.E-03
6.51E-08	1.28E-06	5.46E-08	1.4006619	1.E-03
6.40E-08	1.26E-06	5.37E-08	1.3746704	1.E-03
6.24E-08	1.22E-06	5.24E-08	1.3392565	9.E-04
6.02E-08	1.18E-06	5.05E-08	1.2894097	9.E-04
5.78E-08	1.13E-06	4.85E-08	1.23506	9.E-04
5.52E-08	1.08E-06	4.64E-08	1.1793504	8.E-04
5.24E-08	1.02E-06	4.40E-08	1.1177515	8.E-04
4.97E-08	9.66E-07	4.17E-08	1.0569402	7.E-04
4.70E-08	9.12E-07	3.95E-08	0.9986131	7.E-04
4.44E-08	8.58E-07	3.73E-08	0.9398915	7.E-04
4.18E-08	8.08E-07	3.52E-08	0.8850027	6.E-04
3.93E-08	7.58E-07	3.31E-08	0.8300088	6.E-04
3.70E-08	7.12E-07	3.11E-08	0.7797109	6.E-04
3.48E-08	6.69E-07	2.94E-08	0.7327639	5.E-04
3.09E-08	5.91E-07	2.61E-08	0.6483271	5.E-04
2.91E-08	5.56E-07	2.46E-08	0.6094389	4.E-04
1.47E-09	2.72E-08	1.19E-09	0.0298728	2.E-05
1.64E-09	3.00E-08	1.31E-09	0.0329484	2.E-05
4.20E-09	7.00E-08	3.07E-09	0.077305	6.E-05
4.73E-09	7.91E-08	3.47E-09	0.0872975	7.E-05
5.45E-09	9.18E-08	4.02E-09	0.1013021	8.E-05
6.44E-09	1.10E-07	4.80E-09	0.1209333	1.E-04
7.88E-09	1.36E-07	5.92E-09	0.1495793	1.E-04
9.92E-09	1.75E-07	7.59E-09	0.1920705	1.E-04
1.30E-08	2.34E-07	1.01E-08	0.2575681	2.E-04
1.76E-08	3.26E-07	1.40E-08	0.3577509	3.E-04
2.45E-08	4.64E-07	1.99E-08	0.5080138	4.E-04
3.40E-08	6.55E-07	2.80E-08	0.717015	5.E-04
5.78E-08	1.13E-06	4.83E-08	1.2409094	9.E-04
6.82E-08	1.34E-06	5.72E-08	1.4703513	1.E-03
7.56E-08	1.49E-06	6.35E-08	1.6327497	1.E-03
8.00E-08	1.58E-06	6.72E-08	1.7273068	1.E-03
7.88E-08	1.56E-06	6.63E-08	1.7014213	1.E-03
7.37E-08	1.45E-06	6.19E-08	1.5858346	1.E-03
7.04E-08	1.38E-06	5.91E-08	1.511448	1.E-03
5.96E-08	1.16E-06	5.01E-08	1.2730755	9.E-04
5.59E-08	1.09E-06	4.70E-08	1.1918601	8.E-04
5.25E-08	1.02E-06	4.41E-08	1.116174	8.E-04
4.92E-08	9.54E-07	4.14E-08	1.0448187	7.E-04
4.61E-08	8.91E-07	3.87E-08	0.9753279	7.E-04
4.31E-08	8.31E-07	3.62E-08	0.9108431	6.E-04
4.02E-08	7.75E-07	3.39E-08	0.8486251	6.E-04
3.77E-08	7.24E-07	3.17E-08	0.7929363	6.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595390.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595430.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130011.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594490.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594870.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594890.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594910.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594930.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000
594950.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
594970.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
595010.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.005	0.004	0.000
595030.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.005	0.004	0.000
595050.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.006	0.004	0.000
595090.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.005	0.004	0.000
595150.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.004	0.003	0.000
595170.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.003	0.000
595230.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.004	0.003	0.002	0.000
595250.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595270.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595290.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595310.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.001	0.000
595330.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595350.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.001	0.000
595370.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595390.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.001	0.001	0.000
595430.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130031.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594490.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594590.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594850.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594870.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594890.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594910.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594930.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
594950.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
594970.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.005	0.004	0.000
595010.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.007	0.005	0.000
595030.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.008	0.006	0.000
595050.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.007	0.005	0.000
595090.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.006	0.005	0.000
595150.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.005	0.004	0.000
595170.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.004	0.003	0.000
595210.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595230.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595250.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595270.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595430.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130051.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594490.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594790.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594810.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594830.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
3.53E-08	6.77E-07	2.98E-08	0.7416197	5.E-04
3.11E-08	5.94E-07	2.63E-08	0.6515488	5.E-04
2.92E-08	5.57E-07	2.47E-08	0.6106499	4.E-04
1.53E-09	2.84E-08	1.24E-09	0.0311567	2.E-05
1.61E-09	2.98E-08	1.30E-09	0.0327299	2.E-05
1.70E-09	3.14E-08	1.37E-09	0.0344954	3.E-05
1.92E-09	3.51E-08	1.52E-09	0.0385138	3.E-05
4.98E-09	8.35E-08	3.65E-09	0.0921109	7.E-05
5.66E-09	9.51E-08	4.16E-09	0.1049066	8.E-05
6.56E-09	1.11E-07	4.85E-09	0.1225009	1.E-04
7.81E-09	1.34E-07	5.82E-09	0.1473277	1.E-04
9.63E-09	1.68E-07	7.28E-09	0.1845554	1.E-04
1.24E-08	2.20E-07	9.52E-09	0.2419633	2.E-04
1.68E-08	3.07E-07	1.32E-08	0.3365702	3.E-04
2.40E-08	4.51E-07	1.93E-08	0.4938194	4.E-04
3.56E-08	6.83E-07	2.92E-08	0.7479376	5.E-04
5.16E-08	1.01E-06	4.29E-08	1.1029962	8.E-04
8.64E-08	1.71E-06	7.27E-08	1.8730189	1.E-03
9.74E-08	1.94E-06	8.21E-08	2.1151514	1.E-03
1.02E-07	2.02E-06	8.59E-08	2.2104193	2.E-03
9.78E-08	1.94E-06	8.24E-08	2.1185691	1.E-03
8.31E-08	1.64E-06	6.98E-08	1.7892612	1.E-03
7.80E-08	1.53E-06	6.56E-08	1.6773544	1.E-03
6.35E-08	1.24E-06	5.34E-08	1.3564511	9.E-04
5.89E-08	1.15E-06	4.95E-08	1.2548652	9.E-04
5.47E-08	1.06E-06	4.60E-08	1.1625589	8.E-04
5.08E-08	9.85E-07	4.27E-08	1.0780988	8.E-04
4.72E-08	9.12E-07	3.97E-08	0.9993725	7.E-04
4.39E-08	8.46E-07	3.70E-08	0.9273674	7.E-04
4.08E-08	7.84E-07	3.43E-08	0.8589518	6.E-04
3.80E-08	7.29E-07	3.20E-08	0.798886	6.E-04
3.55E-08	6.79E-07	3.00E-08	0.7448819	5.E-04
3.11E-08	5.93E-07	2.64E-08	0.6507021	5.E-04
2.91E-08	5.55E-07	2.47E-08	0.6085935	4.E-04
1.66E-09	3.10E-08	1.36E-09	0.0340314	2.E-05
1.76E-09	3.27E-08	1.43E-09	0.0358671	3.E-05
1.87E-09	3.46E-08	1.51E-09	0.0379237	3.E-05
1.99E-09	3.67E-08	1.59E-09	0.0402332	3.E-05
2.12E-09	3.90E-08	1.69E-09	0.0427893	3.E-05
2.28E-09	4.15E-08	1.80E-09	0.0456178	3.E-05
5.90E-09	1.01E-07	4.37E-09	0.1109687	9.E-05
6.83E-09	1.16E-07	5.06E-09	0.1282127	1.E-04
8.01E-09	1.37E-07	5.97E-09	0.151369	1.E-04
9.68E-09	1.68E-07	7.28E-09	0.1848849	1.E-04
1.21E-08	2.15E-07	9.27E-09	0.2359107	2.E-04
1.60E-08	2.89E-07	1.24E-08	0.3172921	2.E-04
2.27E-08	4.21E-07	1.81E-08	0.4620571	3.E-04
3.53E-08	6.75E-07	2.88E-08	0.7390198	5.E-04
5.71E-08	1.12E-06	4.74E-08	1.2203618	9.E-04
8.58E-08	1.70E-06	7.21E-08	1.8577305	1.E-03
1.32E-07	2.64E-06	1.12E-07	2.8836318	2.E-03
1.37E-07	2.75E-06	1.16E-07	3.0007928	2.E-03
1.33E-07	2.65E-06	1.13E-07	2.899187	2.E-03
1.15E-07	2.29E-06	9.72E-08	2.50105	2.E-03
9.19E-08	1.81E-06	7.73E-08	1.9795648	1.E-03
8.52E-08	1.67E-06	7.17E-08	1.8318363	1.E-03
7.24E-08	1.42E-06	6.08E-08	1.5488915	1.E-03
6.67E-08	1.30E-06	5.61E-08	1.4236227	1.E-03
6.11E-08	1.19E-06	5.14E-08	1.3006351	9.E-04
5.61E-08	1.09E-06	4.72E-08	1.1919986	8.E-04
3.09E-08	5.89E-07	2.63E-08	0.6465628	5.E-04
2.89E-08	5.50E-07	2.46E-08	0.6034417	4.E-04
1.81E-09	3.39E-08	1.49E-09	0.0372443	3.E-05
1.92E-09	3.59E-08	1.57E-09	0.0393904	3.E-05
2.19E-09	4.06E-08	1.77E-09	0.0445675	3.E-05
2.36E-09	4.35E-08	1.89E-09	0.0477691	4.E-05
7.20E-09	1.24E-07	5.38E-09	0.1369773	1.E-04
8.38E-09	1.45E-07	6.29E-09	0.1601416	1.E-04
1.01E-08	1.75E-07	7.56E-09	0.1926774	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594850.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594870.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594890.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
594910.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000
594930.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.002	0.000
594950.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.006	0.004	0.000
594970.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.009	0.006	0.000
595010.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.014	0.011	0.008	0.000
595030.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.010	0.008	0.000
595050.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.012	0.009	0.007	0.000
595090.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.009	0.007	0.005	0.000
595110.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.006	0.005	0.000
595150.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.007	0.005	0.004	0.000
595210.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595230.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595250.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595270.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595430.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130071.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594510.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.019	0.015	0.011	0.000
595030.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.016	0.012	0.009	0.000
595050.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.010	0.008	0.000
595090.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.010	0.008	0.006	0.000
595110.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.009	0.007	0.005	0.000
595150.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.007	0.006	0.004	0.000
595170.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.006	0.005	0.004	0.000
595190.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595210.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595230.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595250.33	4130091.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.003	0.002	0.000
595430.33	4130091.74	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130091.74	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
594510.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.021	0.016	0.012	0.000
595030.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.013	0.010	0.000
595050.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.014	0.011	0.008	0.000
595090.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.011	0.009	0.006	0.000
595110.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.010	0.008	0.006	0.000
595130.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.009	0.007	0.005	0.000
595150.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.008	0.006	0.004	0.000
595170.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.006	0.005	0.004	0.000
595190.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595210.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595230.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595250.33	4130111.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.002	0.002	0.000
595430.33	4130111.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595450.33	4130111.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
594510.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594570.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595010.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.022	0.017	0.012	0.000
595030.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.018	0.014	0.010	0.000
595050.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.015	0.012	0.009	0.000
595090.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.012	0.010	0.007	0.000
595110.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.011	0.009	0.006	0.000
595130.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.010	0.008	0.006	0.000
595150.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.008	0.006	0.005	0.000
595170.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.006	0.005	0.004	0.000
595190.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595210.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.002	0.000
595230.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.003	0.003	0.002	0.000
595250.33	4130131.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.003	0.002	0.002	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.24E-08	2.19E-07	9.44E-09	0.2407204	2.E-04
1.61E-08	2.89E-07	1.24E-08	0.3177724	2.E-04
2.20E-08	4.06E-07	1.74E-08	0.4449671	3.E-04
3.32E-08	6.29E-07	2.68E-08	0.6891123	5.E-04
5.96E-08	1.16E-06	4.95E-08	1.2737495	9.E-04
1.06E-07	2.10E-06	8.89E-08	2.2932604	2.E-03
1.55E-07	3.11E-06	1.31E-07	3.393422	2.E-03
1.97E-07	3.97E-06	1.68E-07	4.3329876	3.E-03
1.83E-07	3.66E-06	1.55E-07	3.9997967	3.E-03
1.63E-07	3.26E-06	1.38E-07	3.5571847	2.E-03
1.30E-07	2.59E-06	1.10E-07	2.828607	2.E-03
1.19E-07	2.35E-06	1.00E-07	2.5710621	2.E-03
1.00E-07	1.97E-06	8.43E-08	2.1585714	1.E-03
7.60E-08	1.48E-06	6.39E-08	1.6243973	1.E-03
6.90E-08	1.34E-06	5.80E-08	1.4709183	1.E-03
6.25E-08	1.21E-06	5.26E-08	1.329132	9.E-04
5.69E-08	1.10E-06	4.79E-08	1.207204	8.E-04
3.06E-08	5.83E-07	2.61E-08	0.6397684	5.E-04
2.86E-08	5.44E-07	2.45E-08	0.5966253	4.E-04
2.11E-09	3.96E-08	1.73E-09	0.0434103	3.E-05
2.43E-09	4.52E-08	1.96E-09	0.049578	4.E-05
2.63E-09	4.86E-08	2.11E-09	0.0533691	4.E-05
2.59E-07	5.21E-06	2.20E-07	5.6937158	4.E-03
2.17E-07	4.36E-06	1.84E-07	4.7565355	3.E-03
1.84E-07	3.69E-06	1.56E-07	4.0295094	3.E-03
1.43E-07	2.85E-06	1.21E-07	3.1129951	2.E-03
1.30E-07	2.58E-06	1.10E-07	2.8241903	2.E-03
1.09E-07	2.14E-06	9.14E-08	2.3399492	2.E-03
9.79E-08	1.92E-06	8.24E-08	2.1037389	1.E-03
8.75E-08	1.71E-06	7.36E-08	1.8743026	1.E-03
7.81E-08	1.52E-06	6.57E-08	1.6680284	1.E-03
6.99E-08	1.36E-06	5.87E-08	1.4870473	1.E-03
6.28E-08	1.22E-06	5.28E-08	1.3329455	9.E-04
3.02E-08	5.75E-07	2.59E-08	0.6312857	5.E-04
2.82E-08	5.35E-07	2.42E-08	0.5878779	4.E-04
2.33E-09	4.37E-08	1.91E-09	0.0479129	3.E-05
2.50E-09	4.68E-08	2.04E-09	0.0513423	4.E-05
2.70E-09	5.04E-08	2.19E-09	0.0552908	4.E-05
2.94E-09	5.47E-08	2.37E-09	0.0599749	4.E-05
2.87E-07	5.77E-06	2.44E-07	6.2969758	4.E-03
2.35E-07	4.70E-06	1.99E-07	5.1374265	3.E-03
1.98E-07	3.96E-06	1.68E-07	4.3263936	3.E-03
1.58E-07	3.13E-06	1.33E-07	3.4244842	2.E-03
1.45E-07	2.87E-06	1.22E-07	3.132289	2.E-03
1.31E-07	2.60E-06	1.11E-07	2.8423374	2.E-03
1.17E-07	2.31E-06	9.87E-08	2.5241074	2.E-03
1.03E-07	2.02E-06	8.64E-08	2.206083	2.E-03
8.94E-08	1.75E-06	7.52E-08	1.9134339	1.E-03
7.84E-08	1.53E-06	6.59E-08	1.6705314	1.E-03
6.94E-08	1.35E-06	5.83E-08	1.4729588	1.E-03
6.19E-08	1.20E-06	5.20E-08	1.310741	9.E-04
2.98E-08	5.66E-07	2.56E-08	0.621568	4.E-04
2.77E-08	5.26E-07	2.40E-08	0.5779953	4.E-04
2.58E-09	4.85E-08	2.12E-09	0.0532133	4.E-05
2.79E-09	5.23E-08	2.28E-09	0.0573523	4.E-05
3.02E-09	5.66E-08	2.46E-09	0.0620436	5.E-05
3.30E-09	6.15E-08	2.67E-09	0.0675131	5.E-05
2.97E-07	5.97E-06	2.53E-07	6.5209541	4.E-03
2.45E-07	4.90E-06	2.08E-07	5.3576586	4.E-03
2.14E-07	4.27E-06	1.81E-07	4.6605842	3.E-03
1.80E-07	3.57E-06	1.52E-07	3.9048625	3.E-03
1.64E-07	3.27E-06	1.39E-07	3.569025	2.E-03
1.45E-07	2.87E-06	1.22E-07	3.1386231	2.E-03
1.24E-07	2.44E-06	1.04E-07	2.6641685	2.E-03
1.04E-07	2.04E-06	8.77E-08	2.234253	2.E-03
8.85E-08	1.73E-06	7.44E-08	1.8890481	1.E-03
7.64E-08	1.48E-06	6.42E-08	1.624521	1.E-03
6.72E-08	1.30E-06	5.64E-08	1.4230105	1.E-03
6.01E-08	1.16E-06	5.05E-08	1.2682226	9.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595430.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595450.33	4130131.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595010.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.022	0.017	0.013	0.000
595030.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.005	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.019	0.015	0.011	0.000
595050.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.005	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.017	0.014	0.010	0.000
595090.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.005	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.015	0.012	0.009	0.000
595110.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.013	0.010	0.007	0.000
595130.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.004	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.010	0.008	0.006	0.000
595150.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.008	0.006	0.004	0.000
595170.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.006	0.005	0.003	0.000
595190.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.003	0.001	0.001	0.001	0.000	0.000	0.001	0.002	0.001	0.004	0.003	0.003	0.000
595210.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.004	0.003	0.002	0.000
595230.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.003	0.002	0.002	0.000
595250.33	4130151.74	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.002	0.001	0.000
595430.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595450.33	4130151.74	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
594490.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594550.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594570.33	4130351.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594490.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594510.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594550.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594570.33	4130371.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594470.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594550.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594570.33	4130391.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594470.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594550.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594570.33	4130411.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
594470.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594490.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594530.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594550.33	4130431.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595474.53	4130151.04	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595514.53	4130151.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130151.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595554.53	4130151.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595594.53	4130151.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595614.53	4130151.04	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595634.53	4130151.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595674.53	4130151.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595694.53	4130151.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130151.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130151.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130151.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130151.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130171.04	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595454.53	4130171.04	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595474.53	4130171.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595514.53	4130171.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130171.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595554.53	4130171.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595594.53	4130171.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595614.53	4130171.04	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595634.53	4130171.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595674.53	4130171.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595694.53	4130171.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130171.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130171.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130171.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130171.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595474.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
2.92E-08	5.56E-07	2.54E-08	0.61095	4.E-04
2.71E-08	5.16E-07	2.36E-08	0.5663249	4.E-04
3.03E-07	6.08E-06	2.57E-07	6.6371047	5.E-03
2.66E-07	5.31E-06	2.25E-07	5.8039326	4.E-03
2.45E-07	4.89E-06	2.08E-07	5.3473171	4.E-03
2.16E-07	4.31E-06	1.83E-07	4.7052187	3.E-03
1.89E-07	3.76E-06	1.60E-07	4.108491	3.E-03
1.54E-07	3.06E-06	1.30E-07	3.3426073	2.E-03
1.24E-07	2.43E-06	1.04E-07	2.6577931	2.E-03
1.00E-07	1.96E-06	8.42E-08	2.1418492	1.E-03
8.41E-08	1.63E-06	7.05E-08	1.7874499	1.E-03
7.28E-08	1.41E-06	6.10E-08	1.5400932	1.E-03
6.43E-08	1.24E-06	5.40E-08	1.3575727	1.E-03
5.81E-08	1.12E-06	4.88E-08	1.2228903	9.E-04
2.86E-08	5.45E-07	2.50E-08	0.5985205	4.E-04
2.64E-08	5.03E-07	2.32E-08	0.5527131	4.E-04
7.07E-09	1.27E-07	5.55E-09	0.1392782	1.E-04
7.86E-09	1.41E-07	6.15E-09	0.1546071	1.E-04
8.77E-09	1.57E-07	6.84E-09	0.1721852	1.E-04
9.81E-09	1.75E-07	7.62E-09	0.1921453	1.E-04
1.10E-08	1.96E-07	8.52E-09	0.2153002	2.E-04
7.64E-09	1.34E-07	5.90E-09	0.1479997	1.E-04
8.50E-09	1.49E-07	6.52E-09	0.1638839	1.E-04
9.47E-09	1.65E-07	7.22E-09	0.1817504	1.E-04
1.06E-08	1.83E-07	8.00E-09	0.2017019	2.E-04
1.19E-08	2.04E-07	8.88E-09	0.2242537	2.E-04
7.46E-09	1.29E-07	5.69E-09	0.1422303	1.E-04
8.23E-09	1.42E-07	6.22E-09	0.1559615	1.E-04
1.14E-08	1.89E-07	8.29E-09	0.208931	2.E-04
1.27E-08	2.09E-07	9.13E-09	0.2305257	2.E-04
7.99E-09	1.35E-07	5.95E-09	0.1486734	1.E-04
8.82E-09	1.47E-07	6.49E-09	0.1624484	1.E-04
1.09E-08	1.77E-07	7.77E-09	0.1952117	2.E-04
1.22E-08	1.93E-07	8.50E-09	0.2138966	2.E-04
1.38E-08	2.11E-07	9.29E-09	0.2344384	2.E-04
8.52E-09	1.39E-07	6.16E-09	0.1538586	1.E-04
9.43E-09	1.51E-07	6.70E-09	0.1674488	1.E-04
1.18E-08	1.79E-07	7.93E-09	0.1990617	2.E-04
1.34E-08	1.95E-07	8.63E-09	0.2170908	2.E-04
2.41E-08	4.58E-07	2.13E-08	0.5029129	4.E-04
2.06E-08	3.90E-07	1.84E-08	0.4293341	3.E-04
1.91E-08	3.61E-07	1.71E-08	0.3970002	3.E-04
1.77E-08	3.34E-07	1.59E-08	0.3673656	3.E-04
1.52E-08	2.87E-07	1.37E-08	0.3155301	3.E-04
1.41E-08	2.66E-07	1.28E-08	0.2929297	3.E-04
1.32E-08	2.47E-07	1.19E-08	0.2723176	3.E-04
1.15E-08	2.15E-07	1.04E-08	0.2364317	2.E-04
1.07E-08	2.00E-07	9.75E-09	0.2207732	2.E-04
1.00E-08	1.87E-07	9.14E-09	0.2064948	2.E-04
9.40E-09	1.75E-07	8.58E-09	0.1934574	2.E-04
8.31E-09	1.55E-07	7.59E-09	0.17054	2.E-04
7.83E-09	1.46E-07	7.15E-09	0.1604923	2.E-04
2.74E-08	5.23E-07	2.42E-08	0.5741659	4.E-04
2.52E-08	4.80E-07	2.24E-08	0.5278527	4.E-04
2.32E-08	4.41E-07	2.07E-08	0.4852988	4.E-04
1.97E-08	3.73E-07	1.77E-08	0.4109106	4.E-04
1.82E-08	3.44E-07	1.64E-08	0.3786033	4.E-04
1.68E-08	3.17E-07	1.52E-08	0.3492697	3.E-04
1.44E-08	2.71E-07	1.31E-08	0.2984925	3.E-04
1.34E-08	2.51E-07	1.22E-08	0.2766047	3.E-04
1.24E-08	2.33E-07	1.13E-08	0.2567508	3.E-04
1.08E-08	2.02E-07	9.87E-09	0.2223517	2.E-04
1.01E-08	1.88E-07	9.23E-09	0.2074967	2.E-04
9.43E-09	1.76E-07	8.64E-09	0.1939855	2.E-04
8.84E-09	1.65E-07	8.11E-09	0.1816305	2.E-04
7.81E-09	1.45E-07	7.17E-09	0.1601543	2.E-04
7.36E-09	1.37E-07	6.75E-09	0.1507607	1.E-04
2.53E-08	4.83E-07	2.28E-08	0.5312776	5.E-04
2.10E-08	4.00E-07	1.91E-08	0.4396785	5.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595494.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595574.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595594.53	4130211.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595614.53	4130211.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595634.53	4130211.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595654.53	4130211.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130211.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130211.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130211.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130211.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130211.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130211.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595474.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595574.53	4130231.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595594.53	4130231.04	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595614.53	4130231.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595634.53	4130231.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130231.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130231.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130231.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130231.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130231.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130231.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130231.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130251.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595474.53	4130251.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130251.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130251.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130251.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595574.53	4130251.04	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595594.53	4130251.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595614.53	4130251.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595634.53	4130251.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130251.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130251.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130251.04	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130251.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130251.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130251.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130251.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130271.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130271.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130271.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130271.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595574.53	4130271.04	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595594.53	4130271.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130271.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130271.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130271.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130291.04	0.001	0.001	0.001	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130291.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130291.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595534.53	4130291.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595574.53	4130291.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595594.53	4130291.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130291.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130291.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130291.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.92E-08	3.64E-07	1.75E-08	0.4007799	5.E-04
1.76E-08	3.33E-07	1.61E-08	0.3662835	4.E-04
1.61E-08	3.05E-07	1.48E-08	0.3354537	4.E-04
1.37E-08	2.57E-07	1.26E-08	0.2833494	4.E-04
1.26E-08	2.37E-07	1.17E-08	0.2612878	3.E-04
1.17E-08	2.19E-07	1.08E-08	0.2416255	3.E-04
1.08E-08	2.03E-07	1.00E-08	0.223923	3.E-04
1.01E-08	1.89E-07	9.34E-09	0.2080107	3.E-04
9.41E-09	1.76E-07	8.71E-09	0.193666	2.E-04
8.79E-09	1.64E-07	8.14E-09	0.1807379	2.E-04
8.24E-09	1.53E-07	7.62E-09	0.1690348	2.E-04
7.73E-09	1.44E-07	7.15E-09	0.1584234	2.E-04
6.85E-09	1.27E-07	6.33E-09	0.1399581	1.E-04
6.46E-09	1.19E-07	5.96E-09	0.1319039	1.E-04
2.39E-08	4.57E-07	2.18E-08	0.5024724	6.E-04
1.97E-08	3.74E-07	1.81E-08	0.4118855	5.E-04
1.79E-08	3.40E-07	1.65E-08	0.3741075	5.E-04
1.64E-08	3.09E-07	1.51E-08	0.3409542	5.E-04
1.50E-08	2.83E-07	1.39E-08	0.3115902	5.E-04
1.27E-08	2.38E-07	1.18E-08	0.2625055	4.E-04
1.17E-08	2.19E-07	1.09E-08	0.241998	3.E-04
1.08E-08	2.03E-07	1.01E-08	0.2236963	3.E-04
1.01E-08	1.88E-07	9.36E-09	0.2073425	3.E-04
9.36E-09	1.75E-07	8.71E-09	0.1926755	3.E-04
8.73E-09	1.63E-07	8.13E-09	0.1795057	2.E-04
8.17E-09	1.52E-07	7.60E-09	0.1676385	2.E-04
7.66E-09	1.42E-07	7.12E-09	0.1568992	2.E-04
7.19E-09	1.33E-07	6.68E-09	0.1471805	2.E-04
6.39E-09	1.18E-07	5.92E-09	0.1303362	1.E-04
6.03E-09	1.11E-07	5.59E-09	0.122992	1.E-04
2.23E-08	4.26E-07	2.06E-08	0.4687451	6.E-04
1.82E-08	3.46E-07	1.70E-08	0.3814271	6.E-04
1.66E-08	3.14E-07	1.54E-08	0.3455565	6.E-04
1.51E-08	2.85E-07	1.41E-08	0.3142723	5.E-04
1.38E-08	2.60E-07	1.29E-08	0.2870165	5.E-04
1.17E-08	2.19E-07	1.09E-08	0.241528	4.E-04
1.08E-08	2.02E-07	1.01E-08	0.2227438	3.E-04
9.99E-09	1.87E-07	9.36E-09	0.2060052	3.E-04
9.28E-09	1.73E-07	8.69E-09	0.1910691	3.E-04
8.65E-09	1.61E-07	8.09E-09	0.17773	2.E-04
8.08E-09	1.50E-07	7.55E-09	0.1657588	2.E-04
7.57E-09	1.40E-07	7.06E-09	0.1549899	2.E-04
7.10E-09	1.32E-07	6.62E-09	0.1452826	2.E-04
6.68E-09	1.24E-07	6.22E-09	0.1364781	2.E-04
5.95E-09	1.10E-07	5.53E-09	0.1212167	1.E-04
5.63E-09	1.04E-07	5.22E-09	0.114509	1.E-04
1.67E-08	3.17E-07	1.57E-08	0.3490965	7.E-04
1.52E-08	2.87E-07	1.43E-08	0.3159592	6.E-04
1.38E-08	2.60E-07	1.30E-08	0.2872614	6.E-04
1.26E-08	2.38E-07	1.19E-08	0.2622013	5.E-04
1.07E-08	2.00E-07	1.01E-08	0.2209018	4.E-04
9.89E-09	1.85E-07	9.32E-09	0.2039566	3.E-04
9.18E-09	1.71E-07	8.64E-09	0.1888358	3.E-04
5.54E-09	1.02E-07	5.15E-09	0.1126136	1.E-04
5.25E-09	9.65E-08	4.87E-09	0.1065984	1.E-04
1.52E-08	2.86E-07	1.44E-08	0.3159153	8.E-04
1.38E-08	2.59E-07	1.31E-08	0.2861082	7.E-04
1.25E-08	2.36E-07	1.19E-08	0.2602799	6.E-04
1.15E-08	2.15E-07	1.09E-08	0.2378347	5.E-04
9.76E-09	1.82E-07	9.26E-09	0.2011291	4.E-04
9.04E-09	1.68E-07	8.57E-09	0.1860564	3.E-04
8.41E-09	1.56E-07	7.95E-09	0.1726035	3.E-04
7.33E-09	1.36E-07	6.91E-09	0.1500219	2.E-04
6.87E-09	1.27E-07	6.47E-09	0.1404434	2.E-04
6.46E-09	1.19E-07	6.07E-09	0.131835	2.E-04
6.09E-09	1.12E-07	5.70E-09	0.1240273	1.E-04
5.75E-09	1.06E-07	5.37E-09	0.1169484	1.E-04
5.15E-09	9.46E-08	4.80E-09	0.1045803	1.E-04
4.89E-09	8.97E-08	4.55E-09	0.0991512	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		Project Construction																			
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595474.53	4130311.04	0.001	0.001	0.001	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130311.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595514.53	4130311.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595534.53	4130311.04	0.001	0.001	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595574.53	4130311.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595594.53	4130311.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130311.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130311.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130331.04	0.001	0.001	0.001	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595494.53	4130331.04	0.001	0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595514.53	4130331.04	0.001	0.001	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595534.53	4130331.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595574.53	4130331.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595594.53	4130331.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130331.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130331.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130351.04	0.001	0.001	0.001	0.009	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595434.53	4130351.04	0.001	0.001	0.001	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595474.53	4130351.04	0.001	0.001	0.001	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595494.53	4130351.04	0.001	0.001	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595514.53	4130351.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595534.53	4130351.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595574.53	4130351.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595594.53	4130351.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130351.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130371.04	0.001	0.001	0.001	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595434.53	4130371.04	0.001	0.001	0.001	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595474.53	4130371.04	0.001	0.000	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130371.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130371.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595534.53	4130371.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595574.53	4130371.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595594.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130371.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130391.04	0.001	0.001	0.001	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595434.53	4130391.04	0.001	0.001	0.001	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595474.53	4130391.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130391.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130391.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595534.53	4130391.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.36E-08	2.57E-07	1.31E-08	0.2833654	9.E-04
1.24E-08	2.33E-07	1.19E-08	0.2571391	7.E-04
1.13E-08	2.12E-07	1.09E-08	0.2344883	6.E-04
1.04E-08	1.94E-07	9.95E-09	0.2148329	5.E-04
8.87E-09	1.65E-07	8.46E-09	0.1824691	3.E-04
8.25E-09	1.53E-07	7.85E-09	0.1693167	3.E-04
7.69E-09	1.43E-07	7.30E-09	0.1575005	2.E-04
6.74E-09	1.24E-07	6.37E-09	0.137574	2.E-04
6.33E-09	1.17E-07	5.97E-09	0.1291117	2.E-04
5.97E-09	1.10E-07	5.61E-09	0.1214915	1.E-04
5.63E-09	1.04E-07	5.29E-09	0.1145492	1.E-04
5.33E-09	9.79E-08	4.99E-09	0.1082059	1.E-04
4.80E-09	8.79E-08	4.47E-09	0.0971825	9.E-05
4.56E-09	8.35E-08	4.24E-09	0.0923454	9.E-05
1.22E-08	2.28E-07	1.18E-08	0.252348	8.E-04
1.11E-08	2.08E-07	1.07E-08	0.229865	6.E-04
1.02E-08	1.90E-07	9.82E-09	0.2102978	5.E-04
9.38E-09	1.75E-07	9.02E-09	0.1932767	4.E-04
8.06E-09	1.50E-07	7.71E-09	0.1654034	3.E-04
7.52E-09	1.39E-07	7.17E-09	0.1539734	2.E-04
7.03E-09	1.30E-07	6.69E-09	0.1436351	2.E-04
6.19E-09	1.14E-07	5.86E-09	0.1261387	2.E-04
5.84E-09	1.07E-07	5.51E-09	0.1187077	1.E-04
5.52E-09	1.01E-07	5.19E-09	0.1120436	1.E-04
5.22E-09	9.58E-08	4.90E-09	0.1058777	1.E-04
4.95E-09	9.07E-08	4.63E-09	0.1002521	1.E-04
4.47E-09	8.18E-08	4.17E-09	0.0904028	8.E-05
4.26E-09	7.79E-08	3.96E-09	0.0860881	8.E-05
1.45E-08	2.74E-07	1.42E-08	0.3027622	2.E-03
1.31E-08	2.46E-07	1.28E-08	0.2721193	1.E-03
1.08E-08	2.03E-07	1.05E-08	0.2239797	7.E-04
9.93E-09	1.85E-07	9.64E-09	0.2049845	5.E-04
9.15E-09	1.70E-07	8.85E-09	0.1883156	4.E-04
8.46E-09	1.57E-07	8.17E-09	0.1738785	3.E-04
7.33E-09	1.36E-07	7.02E-09	0.149883	2.E-04
6.86E-09	1.27E-07	6.55E-09	0.140065	2.E-04
6.43E-09	1.19E-07	6.12E-09	0.1310791	2.E-04
5.10E-09	9.35E-08	4.80E-09	0.1034385	1.E-04
4.84E-09	8.86E-08	4.54E-09	0.0979972	1.E-04
4.60E-09	8.41E-08	4.30E-09	0.0929776	9.E-05
4.18E-09	7.62E-08	3.89E-09	0.0842725	7.E-05
3.99E-09	7.26E-08	3.70E-09	0.0803326	7.E-05
1.26E-08	2.38E-07	1.25E-08	0.2629737	2.E-03
1.15E-08	2.15E-07	1.13E-08	0.2380501	1.E-03
9.62E-09	1.79E-07	9.41E-09	0.1983154	5.E-04
8.87E-09	1.65E-07	8.64E-09	0.1825386	4.E-04
8.21E-09	1.52E-07	7.97E-09	0.1685986	3.E-04
7.63E-09	1.41E-07	7.38E-09	0.1563661	3.E-04
6.67E-09	1.23E-07	6.39E-09	0.1360158	2.E-04
6.26E-09	1.15E-07	5.98E-09	0.1275569	2.E-04
5.89E-09	1.08E-07	5.61E-09	0.1197854	1.E-04
5.26E-09	9.64E-08	4.97E-09	0.1065993	1.E-04
4.98E-09	9.12E-08	4.70E-09	0.1008533	1.E-04
4.73E-09	8.65E-08	4.45E-09	0.0956563	9.E-05
4.50E-09	8.21E-08	4.22E-09	0.0908613	8.E-05
4.28E-09	7.81E-08	4.00E-09	0.0864225	8.E-05
3.90E-09	7.11E-08	3.63E-09	0.0786302	7.E-05
3.73E-09	6.79E-08	3.46E-09	0.0751257	6.E-05
1.10E-08	2.06E-07	1.10E-08	0.2283952	1.E-03
1.01E-08	1.88E-07	9.97E-09	0.208268	7.E-04
8.56E-09	1.59E-07	8.39E-09	0.1759889	4.E-04
7.94E-09	1.47E-07	7.75E-09	0.1629124	3.E-04
7.39E-09	1.37E-07	7.18E-09	0.1512829	2.E-04
6.90E-09	1.27E-07	6.67E-09	0.1409819	2.E-04
5.41E-09	9.92E-08	5.15E-09	0.1097643	1.E-04
4.86E-09	8.89E-08	4.59E-09	0.0982978	1.E-04
4.61E-09	8.43E-08	4.35E-09	0.093291	9.E-05
4.39E-09	8.02E-08	4.12E-09	0.0886728	8.E-05
4.19E-09	7.63E-08	3.92E-09	0.084421	7.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595734.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130391.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130411.04	0.001	0.000	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130411.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130411.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130431.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130431.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595454.53	4130431.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130431.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130451.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130451.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595454.53	4130451.04	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595634.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130471.04	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595454.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595634.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595774.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595794.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595414.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595434.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595454.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595474.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595614.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595634.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595654.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595674.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595694.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595714.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595734.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594970.73	4130091.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.020	0.015	0.011	0.000
595473.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000
595513.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000
595533.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
3.99E-09	7.28E-08	3.73E-09	0.0804959	7.E-05
3.66E-09	6.65E-08	3.40E-09	0.0735377	6.E-05
3.50E-09	6.36E-08	3.25E-09	0.0703908	6.E-05
9.63E-09	1.79E-07	9.59E-09	0.1986111	5.E-04
8.88E-09	1.65E-07	8.79E-09	0.1827701	4.E-04
4.98E-09	9.12E-08	4.73E-09	0.1008829	1.E-04
4.50E-09	8.21E-08	4.24E-09	0.0908607	8.E-05
4.28E-09	7.81E-08	4.03E-09	0.086442	8.E-05
4.09E-09	7.45E-08	3.83E-09	0.0823823	7.E-05
3.90E-09	7.11E-08	3.65E-09	0.0786378	7.E-05
3.73E-09	6.79E-08	3.48E-09	0.0751458	6.E-05
3.43E-09	6.23E-08	3.18E-09	0.0688796	5.E-05
3.29E-09	5.97E-08	3.05E-09	0.0660829	5.E-05
8.48E-09	1.57E-07	8.42E-09	0.1740695	3.E-04
7.87E-09	1.46E-07	7.77E-09	0.1613068	3.E-04
7.33E-09	1.35E-07	7.20E-09	0.1499014	2.E-04
6.86E-09	1.27E-07	6.70E-09	0.1401342	2.E-04
6.44E-09	1.18E-07	6.25E-09	0.1311776	2.E-04
6.05E-09	1.11E-07	5.85E-09	0.1231867	1.E-04
4.60E-09	8.41E-08	4.36E-09	0.0930107	9.E-05
3.22E-09	5.85E-08	2.99E-09	0.0647018	5.E-05
3.10E-09	5.62E-08	2.86E-09	0.0621791	5.E-05
7.52E-09	1.39E-07	7.43E-09	0.15379	2.E-04
7.03E-09	1.30E-07	6.90E-09	0.1434817	2.E-04
6.58E-09	1.21E-07	6.43E-09	0.1341687	2.E-04
6.20E-09	1.14E-07	6.02E-09	0.1261364	2.E-04
5.84E-09	1.07E-07	5.65E-09	0.1187687	1.E-04
5.52E-09	1.01E-07	5.31E-09	0.1119743	1.E-04
4.26E-09	7.78E-08	4.03E-09	0.0860703	7.E-05
4.07E-09	7.42E-08	3.83E-09	0.0821241	7.E-05
3.89E-09	7.08E-08	3.65E-09	0.0783588	6.E-05
3.72E-09	6.77E-08	3.48E-09	0.0749319	6.E-05
3.57E-09	6.48E-08	3.33E-09	0.0716996	6.E-05
3.42E-09	6.21E-08	3.18E-09	0.0687166	5.E-05
3.29E-09	5.96E-08	3.05E-09	0.0659606	5.E-05
3.04E-09	5.51E-08	2.81E-09	0.0609014	5.E-05
2.93E-09	5.30E-08	2.70E-09	0.0586297	4.E-05
6.72E-09	1.24E-07	6.60E-09	0.1371238	2.E-04
6.32E-09	1.16E-07	6.17E-09	0.1286933	2.E-04
5.95E-09	1.09E-07	5.78E-09	0.1209253	1.E-04
5.63E-09	1.03E-07	5.44E-09	0.1142728	1.E-04
5.33E-09	9.76E-08	5.13E-09	0.1080781	1.E-04
5.05E-09	9.25E-08	4.84E-09	0.1023563	1.E-04
3.96E-09	7.22E-08	3.73E-09	0.079899	7.E-05
3.79E-09	6.91E-08	3.56E-09	0.0764168	6.E-05
3.63E-09	6.61E-08	3.40E-09	0.0731052	6.E-05
3.48E-09	6.33E-08	3.25E-09	0.0700585	5.E-05
3.34E-09	6.07E-08	3.11E-09	0.0671705	5.E-05
3.21E-09	5.83E-08	2.98E-09	0.0644756	5.E-05
3.09E-09	5.60E-08	2.86E-09	0.0619959	5.E-05
2.87E-09	5.19E-08	2.64E-09	0.0574573	4.E-05
2.77E-09	5.01E-08	2.54E-09	0.0553913	4.E-05
6.06E-09	1.11E-07	5.91E-09	0.1233191	1.E-04
5.73E-09	1.05E-07	5.55E-09	0.1163183	1.E-04
5.41E-09	9.91E-08	5.22E-09	0.1097489	1.E-04
5.14E-09	9.40E-08	4.93E-09	0.1041017	1.E-04
4.88E-09	8.93E-08	4.67E-09	0.0988341	1.E-04
4.65E-09	8.49E-08	4.43E-09	0.0940179	9.E-05
3.70E-09	6.73E-08	3.46E-09	0.074409	6.E-05
3.55E-09	6.45E-08	3.31E-09	0.0713364	6.E-05
3.40E-09	6.18E-08	3.17E-09	0.0684042	5.E-05
3.27E-09	5.94E-08	3.04E-09	0.0656701	5.E-05
3.14E-09	5.71E-08	2.91E-09	0.0631158	5.E-05
3.03E-09	5.49E-08	2.80E-09	0.0606868	5.E-05
2.92E-09	5.28E-08	2.69E-09	0.0584489	4.E-05
2.70E-07	5.46E-06	2.30E-07	5.9564919	4.E-03
2.57E-08	4.91E-07	2.17E-08	0.538778	4.E-04
2.35E-08	4.48E-07	1.99E-08	0.4914105	4.E-04
2.24E-08	4.27E-07	1.90E-08	0.4682109	3.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595553.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000
595573.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.000
595613.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000
595633.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000
595673.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000
595693.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595713.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595733.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595773.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4129914.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595513.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595533.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595553.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595573.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595613.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595633.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595673.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000
595693.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595713.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595733.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595773.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4129934.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595533.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595553.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.000
595573.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595613.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595633.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595673.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
595693.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
595713.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
595733.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4129954.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595533.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595553.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595613.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595633.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000
595673.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
595693.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
595713.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4129974.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595533.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595553.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595613.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595633.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595673.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
595693.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4129994.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595533.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595553.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595593.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595613.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595633.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595673.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
2.14E-08	4.07E-07	1.81E-08	0.4462437	3.E-04
2.04E-08	3.88E-07	1.73E-08	0.4254457	3.E-04
1.86E-08	3.52E-07	1.58E-08	0.3865569	3.E-04
1.77E-08	3.35E-07	1.51E-08	0.3682917	3.E-04
1.62E-08	3.05E-07	1.38E-08	0.3347803	2.E-04
1.54E-08	2.90E-07	1.32E-08	0.3188875	2.E-04
1.47E-08	2.77E-07	1.26E-08	0.3039822	2.E-04
1.40E-08	2.64E-07	1.21E-08	0.2897199	2.E-04
1.28E-08	2.40E-07	1.10E-08	0.2632876	2.E-04
1.22E-08	2.28E-07	1.05E-08	0.2510037	2.E-04
2.64E-08	5.04E-07	2.22E-08	0.5521065	4.E-04
2.39E-08	4.55E-07	2.02E-08	0.4993944	4.E-04
2.27E-08	4.32E-07	1.93E-08	0.4744153	3.E-04
2.16E-08	4.11E-07	1.83E-08	0.4506559	3.E-04
2.06E-08	3.90E-07	1.75E-08	0.4280937	3.E-04
1.86E-08	3.53E-07	1.59E-08	0.3871654	3.E-04
1.77E-08	3.35E-07	1.52E-08	0.3680875	3.E-04
1.61E-08	3.03E-07	1.38E-08	0.3329206	2.E-04
1.53E-08	2.88E-07	1.32E-08	0.3165107	2.E-04
1.46E-08	2.74E-07	1.25E-08	0.3010542	2.E-04
1.39E-08	2.61E-07	1.20E-08	0.2864283	2.E-04
1.26E-08	2.36E-07	1.09E-08	0.259355	2.E-04
1.20E-08	2.24E-07	1.04E-08	0.2468501	2.E-04
2.68E-08	5.12E-07	2.27E-08	0.5619686	4.E-04
2.42E-08	4.60E-07	2.05E-08	0.5045912	4.E-04
2.29E-08	4.35E-07	1.95E-08	0.4778453	3.E-04
2.17E-08	4.13E-07	1.85E-08	0.4527659	3.E-04
2.06E-08	3.91E-07	1.76E-08	0.4291063	3.E-04
1.86E-08	3.51E-07	1.59E-08	0.3858079	3.E-04
1.76E-08	3.33E-07	1.51E-08	0.3660027	3.E-04
1.59E-08	3.00E-07	1.37E-08	0.3297061	2.E-04
1.51E-08	2.85E-07	1.31E-08	0.312859	2.E-04
1.44E-08	2.70E-07	1.24E-08	0.2970856	2.E-04
1.37E-08	2.57E-07	1.18E-08	0.2820996	2.E-04
1.23E-08	2.31E-07	1.07E-08	0.2545439	2.E-04
1.17E-08	2.20E-07	1.02E-08	0.2418802	2.E-04
2.71E-08	5.18E-07	2.30E-08	0.5677655	4.E-04
2.43E-08	4.62E-07	2.06E-08	0.5065934	4.E-04
2.30E-08	4.36E-07	1.95E-08	0.4786669	3.E-04
2.17E-08	4.12E-07	1.85E-08	0.4522783	3.E-04
1.85E-08	3.49E-07	1.58E-08	0.3829212	3.E-04
1.75E-08	3.30E-07	1.50E-08	0.3625197	3.E-04
1.57E-08	2.96E-07	1.36E-08	0.3252309	2.E-04
1.49E-08	2.80E-07	1.29E-08	0.3080517	2.E-04
1.41E-08	2.66E-07	1.23E-08	0.2919351	2.E-04
1.34E-08	2.52E-07	1.17E-08	0.2767671	2.E-04
1.21E-08	2.26E-07	1.06E-08	0.2488834	2.E-04
1.15E-08	2.15E-07	1.00E-08	0.2361322	2.E-04
2.73E-08	5.20E-07	2.31E-08	0.570205	4.E-04
2.43E-08	4.61E-07	2.07E-08	0.5059194	4.E-04
2.29E-08	4.34E-07	1.95E-08	0.4769192	3.E-04
2.16E-08	4.10E-07	1.85E-08	0.4497855	3.E-04
1.82E-08	3.44E-07	1.57E-08	0.3784173	3.E-04
1.72E-08	3.25E-07	1.49E-08	0.3574814	3.E-04
1.54E-08	2.91E-07	1.34E-08	0.3195305	2.E-04
1.46E-08	2.75E-07	1.27E-08	0.3020459	2.E-04
1.38E-08	2.60E-07	1.21E-08	0.2857668	2.E-04
1.31E-08	2.46E-07	1.15E-08	0.2704331	2.E-04
1.18E-08	2.20E-07	1.03E-08	0.2424165	2.E-04
1.12E-08	2.09E-07	9.82E-09	0.2296638	2.E-04
2.72E-08	5.19E-07	2.32E-08	0.56902	4.E-04
2.41E-08	4.58E-07	2.06E-08	0.5028745	4.E-04
2.27E-08	4.31E-07	1.95E-08	0.4729466	3.E-04
2.14E-08	4.05E-07	1.84E-08	0.4451949	3.E-04
1.90E-08	3.60E-07	1.64E-08	0.3952871	3.E-04
1.80E-08	3.39E-07	1.56E-08	0.3724167	3.E-04
1.69E-08	3.19E-07	1.47E-08	0.3511323	3.E-04
1.51E-08	2.84E-07	1.32E-08	0.3126156	2.E-04
1.43E-08	2.68E-07	1.25E-08	0.2950107	2.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595713.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130014.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595533.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595553.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595593.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595613.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595633.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595673.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130034.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595533.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595553.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595593.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595613.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595633.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595673.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130054.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130074.46	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000
595513.2	4130074.46	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595533.2	4130074.46	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595553.2	4130074.46	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595593.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595613.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595633.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595673.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130074.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130094.46	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595513.2	4130094.46	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595533.2	4130094.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595553.2	4130094.46	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595593.2	4130094.46	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595613.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595633.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595673.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595733.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130094.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595473.2	4130114.46	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000
595513.2	4130114.46	0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595533.2	4130114.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595553.2	4130114.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595593.2	4130114.46	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595613.2	4130114.46	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595633.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595673.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595733.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130114.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.35E-08	2.53E-07	1.18E-08	0.2786027	2.E-04
1.28E-08	2.39E-07	1.12E-08	0.2631911	2.E-04
1.14E-08	2.14E-07	1.01E-08	0.235199	2.E-04
1.08E-08	2.02E-07	9.56E-09	0.222519	2.E-04
2.71E-08	5.15E-07	2.31E-08	0.5653162	4.E-04
2.39E-08	4.53E-07	2.05E-08	0.4976041	4.E-04
2.25E-08	4.25E-07	1.93E-08	0.4672123	3.E-04
2.11E-08	4.00E-07	1.82E-08	0.4389334	3.E-04
1.87E-08	3.53E-07	1.62E-08	0.3881606	3.E-04
1.76E-08	3.32E-07	1.53E-08	0.3649246	3.E-04
1.66E-08	3.12E-07	1.45E-08	0.34344	2.E-04
1.47E-08	2.77E-07	1.29E-08	0.3045621	2.E-04
1.39E-08	2.61E-07	1.22E-08	0.2869186	2.E-04
1.31E-08	2.46E-07	1.16E-08	0.2704593	2.E-04
1.24E-08	2.32E-07	1.09E-08	0.2550779	2.E-04
1.10E-08	2.06E-07	9.79E-09	0.2272847	2.E-04
1.04E-08	1.95E-07	9.27E-09	0.2147561	2.E-04
2.68E-08	5.10E-07	2.30E-08	0.559315	4.E-04
2.36E-08	4.47E-07	2.03E-08	0.490608	4.E-04
2.21E-08	4.19E-07	1.91E-08	0.4598194	3.E-04
2.07E-08	3.92E-07	1.80E-08	0.4310689	3.E-04
1.83E-08	3.45E-07	1.60E-08	0.3795221	3.E-04
1.72E-08	3.24E-07	1.50E-08	0.3561183	3.E-04
1.61E-08	3.04E-07	1.42E-08	0.3344739	2.E-04
1.43E-08	2.69E-07	1.26E-08	0.2954078	2.E-04
1.34E-08	2.52E-07	1.19E-08	0.2778001	2.E-04
1.27E-08	2.38E-07	1.12E-08	0.2614183	2.E-04
1.19E-08	2.24E-07	1.06E-08	0.24617	2.E-04
1.06E-08	1.99E-07	9.47E-09	0.2187311	2.E-04
1.00E-08	1.87E-07	8.96E-09	0.2064418	2.E-04
2.64E-08	5.02E-07	2.27E-08	0.5514663	4.E-04
2.32E-08	4.39E-07	2.01E-08	0.4819797	3.E-04
2.17E-08	4.10E-07	1.88E-08	0.4506314	3.E-04
2.03E-08	3.84E-07	1.77E-08	0.4216043	3.E-04
1.78E-08	3.36E-07	1.56E-08	0.3694518	3.E-04
1.67E-08	3.15E-07	1.47E-08	0.346	2.E-04
1.57E-08	2.95E-07	1.38E-08	0.3242098	2.E-04
1.38E-08	2.59E-07	1.22E-08	0.2851987	2.E-04
1.30E-08	2.43E-07	1.15E-08	0.2677217	2.E-04
1.22E-08	2.28E-07	1.09E-08	0.2515229	2.E-04
1.15E-08	2.15E-07	1.02E-08	0.2365036	2.E-04
1.02E-08	1.90E-07	9.13E-09	0.2096325	2.E-04
9.61E-09	1.79E-07	8.63E-09	0.1976446	2.E-04
2.60E-08	4.94E-07	2.25E-08	0.5420593	4.E-04
2.26E-08	4.29E-07	1.97E-08	0.4715219	3.E-04
2.11E-08	4.00E-07	1.85E-08	0.4398618	3.E-04
1.97E-08	3.73E-07	1.73E-08	0.4104684	3.E-04
1.72E-08	3.25E-07	1.52E-08	0.3578902	3.E-04
1.61E-08	3.04E-07	1.43E-08	0.3343942	2.E-04
1.51E-08	2.84E-07	1.34E-08	0.3126551	2.E-04
1.33E-08	2.49E-07	1.18E-08	0.2739714	2.E-04
1.24E-08	2.33E-07	1.11E-08	0.2567521	2.E-04
1.17E-08	2.19E-07	1.05E-08	0.2408477	2.E-04
1.10E-08	2.05E-07	9.86E-09	0.2261724	2.E-04
9.72E-09	1.82E-07	8.76E-09	0.2000453	2.E-04
9.17E-09	1.71E-07	8.27E-09	0.1884499	2.E-04
2.55E-08	4.83E-07	2.22E-08	0.5309175	4.E-04
2.21E-08	4.18E-07	1.94E-08	0.4593002	3.E-04
2.05E-08	3.89E-07	1.81E-08	0.4272603	3.E-04
1.91E-08	3.62E-07	1.69E-08	0.3975976	3.E-04
1.66E-08	3.13E-07	1.48E-08	0.3448511	3.E-04
1.55E-08	2.92E-07	1.38E-08	0.3214256	3.E-04
1.45E-08	2.72E-07	1.30E-08	0.2999008	3.E-04
1.27E-08	2.38E-07	1.14E-08	0.2618149	2.E-04
1.19E-08	2.22E-07	1.07E-08	0.2449856	2.E-04
1.11E-08	2.08E-07	1.00E-08	0.229512	2.E-04
1.04E-08	1.95E-07	9.44E-09	0.2152822	2.E-04
9.25E-09	1.72E-07	8.37E-09	0.1900906	2.E-04
8.71E-09	1.62E-07	7.90E-09	0.1789337	2.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595473.2	4130134.46	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595513.2	4130134.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000
595533.2	4130134.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595553.2	4130134.46	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595593.2	4130134.46	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595613.2	4130134.46	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595633.2	4130134.46	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595673.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595693.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595713.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595733.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595773.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595793.2	4130134.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594298.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130501.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594298.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130521.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000
594298.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130541.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594298.04	4130561.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130561.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594818.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594838.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594858.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594878.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594898.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594918.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594938.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594958.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594978.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594998.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595018.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595038.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595058.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595078.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595118.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
2.48E-08	4.71E-07	2.18E-08	0.5180787	4.E-04
2.14E-08	4.05E-07	1.89E-08	0.4450814	3.E-04
1.98E-08	3.75E-07	1.76E-08	0.4127071	3.E-04
1.84E-08	3.48E-07	1.64E-08	0.3828721	3.E-04
1.59E-08	3.00E-07	1.43E-08	0.3302805	3.E-04
1.48E-08	2.79E-07	1.33E-08	0.3071381	3.E-04
1.38E-08	2.60E-07	1.24E-08	0.2859651	3.E-04
1.20E-08	2.26E-07	1.09E-08	0.2488279	2.E-04
1.13E-08	2.11E-07	1.02E-08	0.2325099	2.E-04
1.06E-08	1.97E-07	9.58E-09	0.2175971	2.E-04
9.91E-09	1.85E-07	9.00E-09	0.2039332	2.E-04
8.76E-09	1.63E-07	7.97E-09	0.1798563	2.E-04
8.25E-09	1.53E-07	7.51E-09	0.1692282	2.E-04
4.93E-09	8.18E-08	3.68E-09	0.090449	7.E-05
5.32E-09	8.75E-08	3.93E-09	0.0967104	8.E-05
5.76E-09	9.35E-08	4.21E-09	0.1034958	9.E-05
6.25E-09	1.00E-07	4.50E-09	0.110859	9.E-05
6.81E-09	1.07E-07	4.82E-09	0.1188237	1.E-04
7.44E-09	1.15E-07	5.16E-09	0.1274059	1.E-04
8.17E-09	1.23E-07	5.53E-09	0.1366423	1.E-04
9.03E-09	1.32E-07	5.93E-09	0.1466204	1.E-04
1.00E-08	1.41E-07	6.35E-09	0.1574141	1.E-04
1.28E-08	1.62E-07	7.30E-09	0.1815961	2.E-04
1.47E-08	1.73E-07	7.81E-09	0.195178	2.E-04
1.73E-08	1.84E-07	8.37E-09	0.2101113	3.E-04
5.17E-09	8.43E-08	3.81E-09	0.0932901	8.E-05
5.58E-09	8.99E-08	4.06E-09	0.0995492	8.E-05
6.05E-09	9.59E-08	4.33E-09	0.1062654	9.E-05
6.56E-09	1.02E-07	4.62E-09	0.1135411	1.E-04
7.15E-09	1.09E-07	4.93E-09	0.1212856	1.E-04
7.82E-09	1.17E-07	5.27E-09	0.1296455	1.E-04
8.60E-09	1.24E-07	5.63E-09	0.1386344	1.E-04
9.52E-09	1.33E-07	6.01E-09	0.148271	1.E-04
1.06E-08	1.42E-07	6.43E-09	0.1586586	2.E-04
1.36E-08	1.61E-07	7.33E-09	0.1817843	2.E-04
1.56E-08	1.71E-07	7.83E-09	0.1947315	2.E-04
1.82E-08	1.82E-07	8.37E-09	0.2089185	3.E-04
5.41E-09	8.64E-08	3.92E-09	0.0957703	8.E-05
5.83E-09	9.20E-08	4.17E-09	0.1019531	9.E-05
6.86E-09	1.04E-07	4.72E-09	0.1156168	1.E-04
8.99E-09	1.25E-07	5.71E-09	0.139963	1.E-04
9.94E-09	1.33E-07	6.08E-09	0.1492267	1.E-04
1.11E-08	1.42E-07	6.48E-09	0.1591855	2.E-04
1.40E-08	1.60E-07	7.36E-09	0.1811486	2.E-04
1.60E-08	1.69E-07	7.84E-09	0.1932887	2.E-04
1.84E-08	1.80E-07	8.36E-09	0.206479	3.E-04
5.62E-09	8.82E-08	4.01E-09	0.0978426	8.E-05
6.07E-09	9.35E-08	4.26E-09	0.1038684	9.E-05
1.69E-08	2.93E-07	1.97E-08	0.3298618	3.E-04
1.70E-08	3.02E-07	2.07E-08	0.3396578	3.E-04
1.72E-08	3.09E-07	2.14E-08	0.3474906	3.E-04
1.73E-08	3.14E-07	2.19E-08	0.3533266	3.E-04
1.72E-08	3.17E-07	2.20E-08	0.355826	3.E-04
1.71E-08	3.16E-07	2.19E-08	0.3551296	3.E-04
1.68E-08	3.13E-07	2.15E-08	0.3508604	3.E-04
1.64E-08	3.07E-07	2.06E-08	0.3441723	2.E-04
1.59E-08	2.99E-07	1.94E-08	0.3337948	2.E-04
1.52E-08	2.86E-07	1.77E-08	0.318794	2.E-04
1.44E-08	2.71E-07	1.60E-08	0.300985	2.E-04
1.34E-08	2.53E-07	1.42E-08	0.280168	2.E-04
1.24E-08	2.33E-07	1.27E-08	0.2578616	2.E-04
1.13E-08	2.12E-07	1.13E-08	0.2343745	2.E-04
1.02E-08	1.91E-07	1.01E-08	0.2110532	2.E-04
8.32E-09	1.54E-07	8.23E-09	0.170486	1.E-04
7.58E-09	1.40E-07	7.50E-09	0.1546884	1.E-04
6.96E-09	1.28E-07	6.90E-09	0.1417355	1.E-04
6.02E-09	1.10E-07	5.97E-09	0.122112	1.E-04
5.65E-09	1.03E-07	5.58E-09	0.1143622	1.E-04
5.33E-09	9.72E-08	5.25E-09	0.1078034	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595578.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130621.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594778.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594798.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594818.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594838.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594858.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594878.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594898.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594918.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594938.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001
594958.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594978.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594998.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
595018.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595038.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595058.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130641.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594738.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
594758.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594778.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594798.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594818.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594838.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594858.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594878.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594898.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594918.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000
594938.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
2.67E-09	4.86E-08	2.45E-09	0.05368	4.E-05
2.59E-09	4.70E-08	2.37E-09	0.0519807	4.E-05
2.51E-09	4.55E-08	2.29E-09	0.0503421	4.E-05
2.43E-09	4.41E-08	2.22E-09	0.0487748	4.E-05
2.36E-09	4.28E-08	2.15E-09	0.0472971	4.E-05
2.29E-09	4.15E-08	2.08E-09	0.045874	3.E-05
1.98E-09	3.59E-08	1.79E-09	0.0396548	3.E-05
1.51E-08	2.51E-07	1.59E-08	0.2817922	2.E-04
1.51E-08	2.59E-07	1.68E-08	0.2908694	2.E-04
1.52E-08	2.66E-07	1.75E-08	0.2983698	2.E-04
1.52E-08	2.71E-07	1.80E-08	0.3044488	2.E-04
1.52E-08	2.75E-07	1.84E-08	0.308647	2.E-04
1.52E-08	2.77E-07	1.86E-08	0.3111229	2.E-04
1.51E-08	2.77E-07	1.85E-08	0.3110943	2.E-04
1.49E-08	2.76E-07	1.83E-08	0.3088637	2.E-04
1.46E-08	2.71E-07	1.79E-08	0.303785	2.E-04
1.42E-08	2.66E-07	1.72E-08	0.2973012	2.E-04
1.38E-08	2.58E-07	1.62E-08	0.2875313	2.E-04
1.32E-08	2.47E-07	1.49E-08	0.2749277	2.E-04
1.25E-08	2.34E-07	1.35E-08	0.2597203	2.E-04
1.17E-08	2.19E-07	1.21E-08	0.2423473	2.E-04
1.08E-08	2.02E-07	1.09E-08	0.224074	2.E-04
9.92E-09	1.85E-07	9.81E-09	0.2046999	1.E-04
9.02E-09	1.68E-07	8.84E-09	0.185545	1.E-04
7.46E-09	1.37E-07	7.29E-09	0.1522198	1.E-04
6.83E-09	1.25E-07	6.68E-09	0.1390095	1.E-04
6.31E-09	1.16E-07	6.18E-09	0.1280461	1.E-04
5.50E-09	1.00E-07	5.38E-09	0.1110754	1.E-04
5.17E-09	9.41E-08	5.06E-09	0.1043151	1.E-04
4.88E-09	8.88E-08	4.77E-09	0.0984314	1.E-04
4.41E-09	8.00E-08	4.28E-09	0.0887348	9.E-05
4.21E-09	7.65E-08	4.07E-09	0.0847455	8.E-05
4.03E-09	7.32E-08	3.88E-09	0.0810739	8.E-05
3.86E-09	7.01E-08	3.70E-09	0.0776254	7.E-05
3.57E-09	6.47E-08	3.38E-09	0.0716219	6.E-05
3.43E-09	6.23E-08	3.24E-09	0.0689613	6.E-05
3.31E-09	6.00E-08	3.11E-09	0.0664363	5.E-05
3.19E-09	5.79E-08	2.99E-09	0.0640847	5.E-05
2.98E-09	5.41E-08	2.77E-09	0.0598642	4.E-05
2.88E-09	5.23E-08	2.67E-09	0.057851	4.E-05
2.79E-09	5.06E-08	2.58E-09	0.0559823	4.E-05
2.70E-09	4.90E-08	2.49E-09	0.054234	4.E-05
2.53E-09	4.60E-08	2.32E-09	0.0508453	4.E-05
2.46E-09	4.46E-08	2.25E-09	0.0493033	4.E-05
2.38E-09	4.33E-08	2.17E-09	0.047824	4.E-05
2.31E-09	4.20E-08	2.11E-09	0.046418	3.E-05
2.25E-09	4.08E-08	2.04E-09	0.0450677	3.E-05
2.18E-09	3.96E-08	1.98E-09	0.0437769	3.E-05
2.06E-09	3.74E-08	1.87E-09	0.0413398	3.E-05
2.01E-09	3.64E-08	1.81E-09	0.0402013	3.E-05
1.95E-09	3.54E-08	1.76E-09	0.0390746	3.E-05
1.90E-09	3.44E-08	1.71E-09	0.038011	3.E-05
1.23E-08	1.56E-07	8.02E-09	0.1767707	2.E-04
1.27E-08	1.63E-07	8.47E-09	0.1838861	2.E-04
1.31E-08	1.69E-07	8.96E-09	0.1914076	2.E-04
1.34E-08	1.76E-07	9.47E-09	0.198837	2.E-04
1.36E-08	1.83E-07	1.00E-08	0.2063745	2.E-04
1.39E-08	2.18E-07	1.32E-08	0.2449264	2.E-04
1.38E-08	2.24E-07	1.39E-08	0.2516485	2.E-04
1.37E-08	2.30E-07	1.45E-08	0.2583582	2.E-04
1.37E-08	2.36E-07	1.50E-08	0.2645062	2.E-04
1.37E-08	2.40E-07	1.54E-08	0.2694037	2.E-04
1.36E-08	2.44E-07	1.57E-08	0.2730549	2.E-04
1.36E-08	2.45E-07	1.59E-08	0.274861	2.E-04
1.35E-08	2.46E-07	1.59E-08	0.2754887	2.E-04
1.33E-08	2.45E-07	1.58E-08	0.2741672	2.E-04
1.31E-08	2.42E-07	1.56E-08	0.2711469	2.E-04
1.28E-08	2.38E-07	1.51E-08	0.2658153	2.E-04
1.25E-08	2.33E-07	1.46E-08	0.2596136	2.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594958.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594978.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594998.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
595018.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
595038.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130661.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594738.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
594818.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
594838.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594858.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594878.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594898.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594918.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
594938.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
594958.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
594978.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
1.21E-08	2.25E-07	1.38E-08	0.251081	2.E-04
1.15E-08	2.16E-07	1.27E-08	0.2398002	2.E-04
1.09E-08	2.05E-07	1.16E-08	0.227129	2.E-04
1.03E-08	1.92E-07	1.05E-08	0.2124007	2.E-04
9.55E-09	1.78E-07	9.54E-09	0.1971743	1.E-04
8.79E-09	1.63E-07	8.62E-09	0.1808141	1.E-04
8.04E-09	1.49E-07	7.81E-09	0.1648453	1.E-04
6.74E-09	1.24E-07	6.51E-09	0.1370283	1.E-04
6.21E-09	1.14E-07	6.00E-09	0.1258663	1.E-04
5.76E-09	1.05E-07	5.58E-09	0.1164665	1.E-04
5.05E-09	9.17E-08	4.89E-09	0.1016569	1.E-04
4.76E-09	8.64E-08	4.61E-09	0.0957566	9.E-05
4.51E-09	8.17E-08	4.36E-09	0.0905884	9.E-05
4.08E-09	7.39E-08	3.94E-09	0.0819178	8.E-05
3.91E-09	7.07E-08	3.76E-09	0.0783472	7.E-05
3.74E-09	6.77E-08	3.59E-09	0.075035	7.E-05
3.59E-09	6.50E-08	3.43E-09	0.0720027	7.E-05
3.33E-09	6.02E-08	3.15E-09	0.0666963	6.E-05
3.21E-09	5.81E-08	3.03E-09	0.0643305	5.E-05
3.10E-09	5.61E-08	2.91E-09	0.062091	5.E-05
2.99E-09	5.42E-08	2.80E-09	0.0600243	4.E-05
2.81E-09	5.09E-08	2.61E-09	0.0562787	4.E-05
2.72E-09	4.93E-08	2.52E-09	0.0545282	4.E-05
2.64E-09	4.78E-08	2.43E-09	0.0528546	4.E-05
2.56E-09	4.64E-08	2.35E-09	0.0512808	4.E-05
2.41E-09	4.36E-08	2.20E-09	0.0482472	4.E-05
2.34E-09	4.24E-08	2.13E-09	0.046847	3.E-05
2.27E-09	4.12E-08	2.07E-09	0.0455258	3.E-05
2.21E-09	4.00E-08	2.01E-09	0.044248	3.E-05
2.15E-09	3.89E-08	1.95E-09	0.0430125	3.E-05
2.09E-09	3.78E-08	1.89E-09	0.0418289	3.E-05
2.03E-09	3.68E-08	1.84E-09	0.0407047	3.E-05
1.98E-09	3.58E-08	1.79E-09	0.0395925	3.E-05
1.93E-09	3.49E-08	1.74E-09	0.0385591	3.E-05
1.87E-09	3.40E-08	1.69E-09	0.0375318	3.E-05
1.83E-09	3.31E-08	1.64E-09	0.0365571	3.E-05
1.78E-09	3.22E-08	1.60E-09	0.0355894	3.E-05
8.89E-09	1.19E-07	5.82E-09	0.1339517	1.E-04
9.36E-09	1.24E-07	6.12E-09	0.1398044	1.E-04
9.82E-09	1.30E-07	6.43E-09	0.1457501	1.E-04
1.03E-08	1.35E-07	6.76E-09	0.1517997	2.E-04
1.07E-08	1.40E-07	7.11E-09	0.1580818	2.E-04
1.11E-08	1.46E-07	7.48E-09	0.1642145	2.E-04
1.14E-08	1.51E-07	7.87E-09	0.1704685	2.E-04
1.17E-08	1.57E-07	8.28E-09	0.176774	2.E-04
1.20E-08	1.63E-07	8.72E-09	0.1832714	2.E-04
1.22E-08	1.68E-07	9.18E-09	0.1898007	2.E-04
1.25E-08	1.74E-07	9.67E-09	0.196331	2.E-04
1.27E-08	2.02E-07	1.22E-08	0.2271851	2.E-04
1.25E-08	2.07E-07	1.27E-08	0.2319028	2.E-04
1.24E-08	2.11E-07	1.31E-08	0.2366377	2.E-04
1.24E-08	2.15E-07	1.34E-08	0.240697	2.E-04
1.23E-08	2.18E-07	1.37E-08	0.2438458	2.E-04
1.23E-08	2.20E-07	1.38E-08	0.2456891	2.E-04
1.21E-08	2.20E-07	1.38E-08	0.2458509	2.E-04
1.20E-08	2.19E-07	1.38E-08	0.2452639	2.E-04
1.19E-08	2.18E-07	1.37E-08	0.2433381	2.E-04
1.16E-08	2.15E-07	1.34E-08	0.2400598	2.E-04
1.13E-08	2.10E-07	1.30E-08	0.2348123	2.E-04
1.10E-08	2.05E-07	1.25E-08	0.229015	2.E-04
1.07E-08	1.99E-07	1.19E-08	0.2212333	2.E-04
1.02E-08	1.91E-07	1.10E-08	0.211762	2.E-04
9.70E-09	1.81E-07	1.01E-08	0.2007073	1.E-04
9.11E-09	1.70E-07	9.25E-09	0.1881816	1.E-04
8.51E-09	1.58E-07	8.42E-09	0.1752154	1.E-04
7.87E-09	1.46E-07	7.65E-09	0.161351	1.E-04
7.24E-09	1.34E-07	6.98E-09	0.1480047	1.E-04
6.13E-09	1.12E-07	5.88E-09	0.1243622	1.E-04
5.67E-09	1.04E-07	5.43E-09	0.1146175	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595158.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130681.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130701.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
5.28E-09	9.62E-08	5.06E-09	0.1065495	9.E-05
4.66E-09	8.45E-08	4.47E-09	0.0936031	9.E-05
4.41E-09	7.98E-08	4.23E-09	0.0884311	8.E-05
4.18E-09	7.56E-08	4.01E-09	0.0838193	8.E-05
3.80E-09	6.86E-08	3.63E-09	0.0759913	7.E-05
3.64E-09	6.56E-08	3.48E-09	0.0727608	7.E-05
3.49E-09	6.30E-08	3.33E-09	0.0698175	6.E-05
3.35E-09	6.05E-08	3.19E-09	0.0670399	6.E-05
3.11E-09	5.62E-08	2.94E-09	0.0622585	5.E-05
3.01E-09	5.43E-08	2.83E-09	0.0601776	5.E-05
2.91E-09	5.25E-08	2.73E-09	0.0581323	4.E-05
2.81E-09	5.08E-08	2.63E-09	0.0562843	4.E-05
2.65E-09	4.79E-08	2.46E-09	0.0529962	4.E-05
2.57E-09	4.65E-08	2.38E-09	0.0514429	4.E-05
2.50E-09	4.52E-08	2.30E-09	0.0499644	4.E-05
2.43E-09	4.39E-08	2.23E-09	0.048553	4.E-05
2.29E-09	4.15E-08	2.10E-09	0.0458754	3.E-05
2.23E-09	4.04E-08	2.03E-09	0.0446294	3.E-05
2.17E-09	3.93E-08	1.97E-09	0.0434316	3.E-05
2.11E-09	3.82E-08	1.92E-09	0.0422609	3.E-05
2.05E-09	3.72E-08	1.86E-09	0.0411361	3.E-05
2.00E-09	3.62E-08	1.81E-09	0.0400546	3.E-05
1.95E-09	3.53E-08	1.76E-09	0.0389853	3.E-05
1.90E-09	3.44E-08	1.71E-09	0.0379628	3.E-05
1.85E-09	3.35E-08	1.67E-09	0.0370201	3.E-05
1.80E-09	3.27E-08	1.62E-09	0.036096	3.E-05
1.76E-09	3.19E-08	1.58E-09	0.0351916	3.E-05
1.71E-09	3.10E-08	1.54E-09	0.0342597	3.E-05
6.63E-09	9.52E-08	4.55E-09	0.1064317	1.E-04
7.00E-09	9.94E-08	4.77E-09	0.1111604	1.E-04
7.38E-09	1.04E-07	5.00E-09	0.1159521	1.E-04
7.78E-09	1.08E-07	5.25E-09	0.1209726	1.E-04
8.17E-09	1.12E-07	5.50E-09	0.1260992	1.E-04
8.57E-09	1.17E-07	5.77E-09	0.1313174	1.E-04
8.96E-09	1.22E-07	6.05E-09	0.1366548	1.E-04
9.33E-09	1.26E-07	6.35E-09	0.1420341	1.E-04
9.68E-09	1.31E-07	6.66E-09	0.1474868	1.E-04
1.00E-08	1.36E-07	6.99E-09	0.1530905	1.E-04
1.03E-08	1.41E-07	7.32E-09	0.1585066	2.E-04
1.06E-08	1.46E-07	7.68E-09	0.1640382	2.E-04
1.08E-08	1.51E-07	8.05E-09	0.1694614	2.E-04
1.10E-08	1.56E-07	8.43E-09	0.174979	2.E-04
1.12E-08	1.60E-07	8.84E-09	0.1805306	2.E-04
1.14E-08	1.65E-07	9.24E-09	0.1858062	2.E-04
3.55E-09	6.39E-08	3.37E-09	0.0707982	6.E-05
3.40E-09	6.12E-08	3.23E-09	0.0678408	6.E-05
3.27E-09	5.88E-08	3.10E-09	0.065184	6.E-05
3.14E-09	5.66E-08	2.97E-09	0.0626675	5.E-05
2.92E-09	5.26E-08	2.75E-09	0.0583138	5.E-05
2.83E-09	5.09E-08	2.66E-09	0.0563992	4.E-05
2.73E-09	4.93E-08	2.56E-09	0.0545784	4.E-05
2.65E-09	4.78E-08	2.47E-09	0.0529004	4.E-05
2.50E-09	4.51E-08	2.32E-09	0.0499603	4.E-05
2.43E-09	4.39E-08	2.25E-09	0.0485825	4.E-05
2.37E-09	4.27E-08	2.18E-09	0.0472773	4.E-05
2.30E-09	4.16E-08	2.12E-09	0.0459972	3.E-05
2.18E-09	3.94E-08	1.99E-09	0.0436142	3.E-05
2.12E-09	3.84E-08	1.94E-09	0.0424926	3.E-05
2.07E-09	3.75E-08	1.88E-09	0.0414164	3.E-05
2.02E-09	3.65E-08	1.83E-09	0.0403429	3.E-05
1.96E-09	3.56E-08	1.78E-09	0.0392952	3.E-05
1.92E-09	3.47E-08	1.73E-09	0.0383313	3.E-05
1.87E-09	3.38E-08	1.69E-09	0.0373746	3.E-05
1.82E-09	3.30E-08	1.64E-09	0.0364901	3.E-05
1.78E-09	3.22E-08	1.60E-09	0.0356002	3.E-05
1.74E-09	3.14E-08	1.56E-09	0.0347272	3.E-05
1.69E-09	3.07E-08	1.52E-09	0.0339066	3.E-05
1.65E-09	2.99E-08	1.48E-09	0.0330604	2.E-05
6.54E-09	9.44E-08	4.55E-09	0.1054392	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594338.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130721.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
6.87E-09	9.82E-08	4.76E-09	0.1098626	1.E-04
7.21E-09	1.02E-07	4.98E-09	0.1143314	1.E-04
7.55E-09	1.06E-07	5.21E-09	0.1189099	1.E-04
7.89E-09	1.10E-07	5.45E-09	0.1236286	1.E-04
8.22E-09	1.15E-07	5.71E-09	0.1284338	1.E-04
8.54E-09	1.19E-07	5.97E-09	0.1332354	1.E-04
8.84E-09	1.23E-07	6.25E-09	0.1380508	1.E-04
9.12E-09	1.27E-07	6.53E-09	0.1428806	1.E-04
9.38E-09	1.32E-07	6.83E-09	0.1478194	1.E-04
9.62E-09	1.36E-07	7.14E-09	0.1526258	1.E-04
9.82E-09	1.40E-07	7.45E-09	0.1573438	1.E-04
1.00E-08	1.44E-07	7.77E-09	0.1619695	1.E-04
1.02E-08	1.48E-07	8.11E-09	0.1666629	2.E-04
1.04E-08	1.52E-07	8.45E-09	0.1712093	2.E-04
1.05E-08	1.56E-07	8.79E-09	0.1756434	2.E-04
1.07E-08	1.68E-07	9.78E-09	0.1880312	2.E-04
1.07E-08	1.71E-07	1.01E-08	0.1915362	2.E-04
1.06E-08	1.74E-07	1.03E-08	0.194461	2.E-04
1.03E-08	1.78E-07	1.07E-08	0.1987668	2.E-04
1.02E-08	1.79E-07	1.08E-08	0.2002593	2.E-04
1.01E-08	1.80E-07	1.08E-08	0.2008009	2.E-04
1.00E-08	1.80E-07	1.08E-08	0.2006432	1.E-04
9.87E-09	1.79E-07	1.08E-08	0.1996243	1.E-04
9.73E-09	1.78E-07	1.07E-08	0.1980437	1.E-04
9.55E-09	1.75E-07	1.05E-08	0.1954678	1.E-04
9.35E-09	1.72E-07	1.03E-08	0.1921403	1.E-04
8.85E-09	1.64E-07	9.64E-09	0.1828283	1.E-04
8.56E-09	1.59E-07	9.16E-09	0.1768597	1.E-04
8.21E-09	1.53E-07	8.59E-09	0.1695236	1.E-04
7.81E-09	1.45E-07	7.97E-09	0.1610599	1.E-04
7.37E-09	1.37E-07	7.33E-09	0.1515302	1.E-04
6.91E-09	1.28E-07	6.74E-09	0.141771	1.E-04
6.44E-09	1.19E-07	6.18E-09	0.1314789	1.E-04
5.97E-09	1.10E-07	5.68E-09	0.1215219	9.E-05
5.14E-09	9.39E-08	4.87E-09	0.1039565	8.E-05
4.80E-09	8.74E-08	4.54E-09	0.0967274	8.E-05
4.50E-09	8.17E-08	4.25E-09	0.0904564	7.E-05
4.02E-09	7.26E-08	3.79E-09	0.0803672	7.E-05
3.82E-09	6.89E-08	3.60E-09	0.0762827	7.E-05
3.64E-09	6.55E-08	3.43E-09	0.0726171	6.E-05
3.33E-09	5.98E-08	3.13E-09	0.0662634	6.E-05
3.19E-09	5.74E-08	3.01E-09	0.0635843	5.E-05
3.07E-09	5.51E-08	2.89E-09	0.0610775	5.E-05
2.95E-09	5.31E-08	2.78E-09	0.0587876	5.E-05
2.75E-09	4.94E-08	2.58E-09	0.0547758	4.E-05
2.66E-09	4.79E-08	2.50E-09	0.053018	4.E-05
2.58E-09	4.64E-08	2.41E-09	0.0513652	4.E-05
2.50E-09	4.50E-08	2.33E-09	0.0498234	4.E-05
2.37E-09	4.26E-08	2.19E-09	0.0471916	4.E-05
2.30E-09	4.15E-08	2.13E-09	0.0459412	3.E-05
2.24E-09	4.04E-08	2.07E-09	0.0447564	3.E-05
2.19E-09	3.94E-08	2.01E-09	0.0436227	3.E-05
2.08E-09	3.75E-08	1.90E-09	0.0414813	3.E-05
2.03E-09	3.66E-08	1.85E-09	0.0404833	3.E-05
1.98E-09	3.57E-08	1.80E-09	0.039491	3.E-05
1.93E-09	3.49E-08	1.75E-09	0.03854	3.E-05
1.88E-09	3.40E-08	1.70E-09	0.0375839	3.E-05
1.84E-09	3.33E-08	1.66E-09	0.0367568	3.E-05
1.79E-09	3.24E-08	1.62E-09	0.0358502	3.E-05
1.75E-09	3.17E-08	1.58E-09	0.0350426	3.E-05
1.71E-09	3.10E-08	1.54E-09	0.0342231	3.E-05
1.67E-09	3.03E-08	1.50E-09	0.0334262	2.E-05
1.63E-09	2.96E-08	1.47E-09	0.0326644	2.E-05
1.59E-09	2.89E-08	1.43E-09	0.0318768	2.E-05
6.42E-09	9.33E-08	4.53E-09	0.1042099	1.E-04
6.71E-09	9.68E-08	4.73E-09	0.1082693	1.E-04
7.01E-09	1.00E-07	4.94E-09	0.112435	1.E-04
7.30E-09	1.04E-07	5.16E-09	0.1166373	1.E-04
7.59E-09	1.08E-07	5.39E-09	0.1209163	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594418.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130741.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
7.87E-09	1.12E-07	5.63E-09	0.1253113	1.E-04
8.13E-09	1.16E-07	5.87E-09	0.1295823	1.E-04
8.37E-09	1.19E-07	6.12E-09	0.1338813	1.E-04
8.59E-09	1.23E-07	6.38E-09	0.1380753	1.E-04
8.81E-09	1.27E-07	6.65E-09	0.1424023	1.E-04
8.99E-09	1.31E-07	6.92E-09	0.1465617	1.E-04
9.16E-09	1.34E-07	7.20E-09	0.150551	1.E-04
9.31E-09	1.38E-07	7.47E-09	0.1544515	1.E-04
9.47E-09	1.41E-07	7.76E-09	0.1584299	1.E-04
9.60E-09	1.45E-07	8.04E-09	0.1621447	1.E-04
9.72E-09	1.48E-07	8.32E-09	0.1657551	1.E-04
9.86E-09	1.57E-07	9.09E-09	0.1755128	1.E-04
9.81E-09	1.59E-07	9.31E-09	0.178163	1.E-04
9.70E-09	1.61E-07	9.47E-09	0.180046	1.E-04
9.44E-09	1.63E-07	9.66E-09	0.1824342	1.E-04
9.34E-09	1.64E-07	9.72E-09	0.1832114	1.E-04
9.23E-09	1.64E-07	9.73E-09	0.18337	1.E-04
9.09E-09	1.64E-07	9.67E-09	0.1823955	1.E-04
8.96E-09	1.63E-07	9.60E-09	0.1811738	1.E-04
8.82E-09	1.61E-07	9.51E-09	0.179453	1.E-04
8.65E-09	1.59E-07	9.37E-09	0.1768957	1.E-04
8.47E-09	1.56E-07	9.19E-09	0.1738778	1.E-04
8.01E-09	1.49E-07	8.57E-09	0.1651276	1.E-04
7.74E-09	1.44E-07	8.16E-09	0.159679	1.E-04
7.44E-09	1.38E-07	7.68E-09	0.1533026	1.E-04
7.08E-09	1.32E-07	7.15E-09	0.1457692	1.E-04
6.69E-09	1.24E-07	6.60E-09	0.1373896	1.E-04
6.29E-09	1.16E-07	6.10E-09	0.1288666	9.E-05
5.88E-09	1.08E-07	5.62E-09	0.1199328	9.E-05
5.47E-09	1.00E-07	5.18E-09	0.1111364	8.E-05
4.75E-09	8.66E-08	4.47E-09	0.0958282	7.E-05
4.45E-09	8.08E-08	4.18E-09	0.0894436	7.E-05
4.18E-09	7.58E-08	3.93E-09	0.0838823	7.E-05
3.75E-09	6.76E-08	3.51E-09	0.0748968	6.E-05
3.57E-09	6.43E-08	3.34E-09	0.0712467	6.E-05
3.41E-09	6.14E-08	3.19E-09	0.0679578	6.E-05
3.13E-09	5.62E-08	2.93E-09	0.0622046	5.E-05
3.01E-09	5.39E-08	2.81E-09	0.0597397	5.E-05
2.89E-09	5.19E-08	2.71E-09	0.0574787	5.E-05
2.78E-09	4.99E-08	2.60E-09	0.0552838	4.E-05
2.60E-09	4.66E-08	2.43E-09	0.0516094	4.E-05
2.52E-09	4.51E-08	2.35E-09	0.0500092	4.E-05
2.44E-09	4.38E-08	2.27E-09	0.0484643	4.E-05
2.37E-09	4.25E-08	2.20E-09	0.0470446	4.E-05
2.24E-09	4.03E-08	2.08E-09	0.04465	3.E-05
2.19E-09	3.93E-08	2.02E-09	0.0435129	3.E-05
2.13E-09	3.83E-08	1.96E-09	0.0424302	3.E-05
2.08E-09	3.74E-08	1.91E-09	0.0414044	3.E-05
1.98E-09	3.57E-08	1.81E-09	0.0394887	3.E-05
1.93E-09	3.49E-08	1.76E-09	0.038571	3.E-05
1.89E-09	3.41E-08	1.72E-09	0.0377033	3.E-05
1.85E-09	3.33E-08	1.68E-09	0.0368362	3.E-05
1.80E-09	3.25E-08	1.63E-09	0.0359757	3.E-05
1.76E-09	3.19E-08	1.60E-09	0.0352132	3.E-05
1.72E-09	3.11E-08	1.56E-09	0.0343991	3.E-05
1.68E-09	3.04E-08	1.52E-09	0.0336175	3.E-05
1.64E-09	2.97E-08	1.48E-09	0.0328749	2.E-05
1.61E-09	2.91E-08	1.44E-09	0.0321232	2.E-05
1.57E-09	2.84E-08	1.41E-09	0.0314337	2.E-05
1.54E-09	2.78E-08	1.38E-09	0.0307174	2.E-05
6.27E-09	9.19E-08	4.50E-09	0.1026334	9.E-05
6.53E-09	9.52E-08	4.69E-09	0.1064325	1.E-04
6.78E-09	9.86E-08	4.89E-09	0.1102467	1.E-04
7.03E-09	1.02E-07	5.09E-09	0.1140617	1.E-04
7.27E-09	1.05E-07	5.31E-09	0.1179132	1.E-04
7.51E-09	1.09E-07	5.53E-09	0.1218696	1.E-04
7.72E-09	1.12E-07	5.75E-09	0.1256447	1.E-04
7.92E-09	1.16E-07	5.98E-09	0.1294044	1.E-04
8.10E-09	1.19E-07	6.20E-09	0.1330464	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594498.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130761.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
8.28E-09	1.22E-07	6.45E-09	0.1369131	1.E-04
8.42E-09	1.25E-07	6.68E-09	0.1403531	1.E-04
8.55E-09	1.28E-07	6.92E-09	0.1436723	1.E-04
8.67E-09	1.31E-07	7.15E-09	0.1469263	1.E-04
8.81E-09	1.34E-07	7.40E-09	0.1503005	1.E-04
8.91E-09	1.37E-07	7.62E-09	0.1531895	1.E-04
9.00E-09	1.39E-07	7.84E-09	0.1560239	1.E-04
9.08E-09	1.46E-07	8.43E-09	0.1636716	1.E-04
9.02E-09	1.48E-07	8.57E-09	0.1654502	1.E-04
8.91E-09	1.49E-07	8.67E-09	0.166583	1.E-04
8.66E-09	1.50E-07	8.78E-09	0.1678922	1.E-04
8.55E-09	1.51E-07	8.79E-09	0.168063	1.E-04
8.43E-09	1.50E-07	8.76E-09	0.167633	1.E-04
8.31E-09	1.50E-07	8.71E-09	0.1667343	1.E-04
8.17E-09	1.48E-07	8.63E-09	0.1651734	1.E-04
8.04E-09	1.47E-07	8.55E-09	0.163452	1.E-04
7.88E-09	1.45E-07	8.41E-09	0.1609247	1.E-04
7.71E-09	1.42E-07	8.23E-09	0.1579897	1.E-04
7.29E-09	1.35E-07	7.69E-09	0.1500929	1.E-04
7.05E-09	1.31E-07	7.33E-09	0.1452421	1.E-04
6.77E-09	1.26E-07	6.91E-09	0.1393112	1.E-04
6.45E-09	1.20E-07	6.45E-09	0.1326279	1.E-04
6.11E-09	1.13E-07	5.99E-09	0.125225	9.E-05
5.75E-09	1.06E-07	5.54E-09	0.1176538	9.E-05
5.39E-09	9.94E-08	5.13E-09	0.1099098	8.E-05
5.03E-09	9.25E-08	4.75E-09	0.1022437	8.E-05
4.40E-09	8.02E-08	4.12E-09	0.0886911	7.E-05
4.13E-09	7.50E-08	3.86E-09	0.0830102	6.E-05
3.89E-09	7.05E-08	3.64E-09	0.0779906	6.E-05
3.51E-09	6.33E-08	3.27E-09	0.0700539	6.E-05
3.35E-09	6.03E-08	3.12E-09	0.0668091	5.E-05
3.20E-09	5.76E-08	2.98E-09	0.0637467	5.E-05
2.95E-09	5.29E-08	2.74E-09	0.058574	5.E-05
2.84E-09	5.09E-08	2.64E-09	0.0563387	5.E-05
2.73E-09	4.89E-08	2.54E-09	0.0541686	4.E-05
2.63E-09	4.71E-08	2.45E-09	0.0521986	4.E-05
2.46E-09	4.40E-08	2.29E-09	0.0487385	4.E-05
2.38E-09	4.27E-08	2.22E-09	0.0472561	4.E-05
2.31E-09	4.14E-08	2.14E-09	0.0458083	3.E-05
2.25E-09	4.02E-08	2.08E-09	0.044532	3.E-05
2.13E-09	3.82E-08	1.97E-09	0.042311	3.E-05
2.08E-09	3.73E-08	1.92E-09	0.0412554	3.E-05
2.03E-09	3.64E-08	1.86E-09	0.0402724	3.E-05
1.98E-09	3.56E-08	1.82E-09	0.0393468	3.E-05
1.89E-09	3.40E-08	1.73E-09	0.0376215	3.E-05
1.85E-09	3.33E-08	1.68E-09	0.0367872	3.E-05
1.81E-09	3.26E-08	1.64E-09	0.0360028	3.E-05
1.77E-09	3.18E-08	1.60E-09	0.035213	3.E-05
1.73E-09	3.11E-08	1.57E-09	0.0344374	3.E-05
1.69E-09	3.05E-08	1.53E-09	0.0337425	3.E-05
1.65E-09	2.99E-08	1.49E-09	0.0330114	2.E-05
1.62E-09	2.92E-08	1.46E-09	0.0322885	2.E-05
1.58E-09	2.86E-08	1.43E-09	0.0316153	2.E-05
1.55E-09	2.80E-08	1.39E-09	0.0309455	2.E-05
1.52E-09	2.74E-08	1.36E-09	0.0302973	2.E-05
1.48E-09	2.68E-08	1.33E-09	0.0296524	2.E-05
6.10E-09	9.03E-08	4.46E-09	0.1008698	9.E-05
6.33E-09	9.34E-08	4.64E-09	0.1043547	9.E-05
6.55E-09	9.65E-08	4.82E-09	0.1078361	1.E-04
6.76E-09	9.95E-08	5.01E-09	0.1112833	1.E-04
6.96E-09	1.03E-07	5.21E-09	0.1146989	1.E-04
7.16E-09	1.06E-07	5.41E-09	0.1181783	1.E-04
7.33E-09	1.09E-07	5.61E-09	0.1215163	1.E-04
7.49E-09	1.12E-07	5.81E-09	0.1248132	1.E-04
7.64E-09	1.14E-07	6.02E-09	0.1280049	1.E-04
7.77E-09	1.17E-07	6.22E-09	0.1311551	1.E-04
7.89E-09	1.20E-07	6.43E-09	0.1341067	1.E-04
8.00E-09	1.22E-07	6.63E-09	0.1369849	1.E-04
8.10E-09	1.25E-07	6.82E-09	0.1395228	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594578.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130781.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
8.21E-09	1.27E-07	7.02E-09	0.1422921	1.E-04
8.30E-09	1.29E-07	7.21E-09	0.1448148	1.E-04
8.36E-09	1.31E-07	7.37E-09	0.1469094	1.E-04
8.38E-09	1.36E-07	7.80E-09	0.1524944	1.E-04
8.30E-09	1.37E-07	7.89E-09	0.1535555	1.E-04
8.20E-09	1.38E-07	7.95E-09	0.1542464	1.E-04
7.97E-09	1.39E-07	7.99E-09	0.1547558	1.E-04
7.86E-09	1.39E-07	7.98E-09	0.1546745	1.E-04
7.74E-09	1.38E-07	7.94E-09	0.1539444	1.E-04
7.62E-09	1.37E-07	7.90E-09	0.1529935	1.E-04
7.49E-09	1.36E-07	7.81E-09	0.1512411	1.E-04
7.38E-09	1.35E-07	7.74E-09	0.1498096	1.E-04
7.23E-09	1.33E-07	7.61E-09	0.1473903	1.E-04
7.06E-09	1.30E-07	7.44E-09	0.1445545	1.E-04
6.68E-09	1.24E-07	6.95E-09	0.1372499	1.E-04
6.46E-09	1.20E-07	6.63E-09	0.132749	1.E-04
6.21E-09	1.15E-07	6.27E-09	0.1276448	9.E-05
5.92E-09	1.10E-07	5.87E-09	0.121488	9.E-05
5.61E-09	1.04E-07	5.46E-09	0.1148926	8.E-05
5.30E-09	9.78E-08	5.08E-09	0.1082084	8.E-05
4.97E-09	9.16E-08	4.71E-09	0.1012316	7.E-05
4.65E-09	8.54E-08	4.37E-09	0.0944434	7.E-05
4.09E-09	7.45E-08	3.82E-09	0.0823976	6.E-05
3.85E-09	6.99E-08	3.59E-09	0.0772995	6.E-05
3.64E-09	6.58E-08	3.38E-09	0.0728622	6.E-05
3.29E-09	5.93E-08	3.05E-09	0.0656663	5.E-05
3.15E-09	5.66E-08	2.92E-09	0.0626915	5.E-05
3.02E-09	5.42E-08	2.79E-09	0.0600178	5.E-05
2.79E-09	4.99E-08	2.57E-09	0.0553019	4.E-05
2.69E-09	4.81E-08	2.48E-09	0.0532511	4.E-05
2.59E-09	4.63E-08	2.39E-09	0.0512514	4.E-05
2.49E-09	4.46E-08	2.31E-09	0.0493807	4.E-05
2.33E-09	4.17E-08	2.16E-09	0.0461879	3.E-05
2.26E-09	4.04E-08	2.09E-09	0.0447687	3.E-05
2.19E-09	3.92E-08	2.03E-09	0.0434354	3.E-05
2.13E-09	3.81E-08	1.97E-09	0.0422269	3.E-05
2.03E-09	3.63E-08	1.87E-09	0.0401592	3.E-05
1.98E-09	3.54E-08	1.82E-09	0.0391784	3.E-05
1.93E-09	3.46E-08	1.77E-09	0.0382923	3.E-05
1.89E-09	3.38E-08	1.73E-09	0.0374449	3.E-05
1.81E-09	3.24E-08	1.65E-09	0.0358679	3.E-05
1.77E-09	3.17E-08	1.61E-09	0.0351229	3.E-05
1.73E-09	3.11E-08	1.57E-09	0.0344131	3.E-05
1.69E-09	3.04E-08	1.54E-09	0.0336748	3.E-05
1.66E-09	2.98E-08	1.50E-09	0.0329861	2.E-05
1.62E-09	2.93E-08	1.47E-09	0.0323502	2.E-05
1.59E-09	2.87E-08	1.44E-09	0.0316751	2.E-05
1.56E-09	2.81E-08	1.40E-09	0.03104	2.E-05
1.53E-09	2.76E-08	1.37E-09	0.0304517	2.E-05
1.50E-09	2.70E-08	1.34E-09	0.0298388	2.E-05
1.47E-09	2.65E-08	1.32E-09	0.0292407	2.E-05
1.43E-09	2.59E-08	1.29E-09	0.028638	2.E-05
5.92E-09	8.86E-08	4.41E-09	0.09896	9.E-05
6.12E-09	9.14E-08	4.57E-09	0.102073	9.E-05
6.31E-09	9.42E-08	4.75E-09	0.1052447	9.E-05
6.48E-09	9.69E-08	4.92E-09	0.1082859	1.E-04
6.65E-09	9.96E-08	5.09E-09	0.1113311	1.E-04
6.81E-09	1.02E-07	5.27E-09	0.1143965	1.E-04
6.96E-09	1.05E-07	5.45E-09	0.1173651	1.E-04
7.09E-09	1.07E-07	5.63E-09	0.1201774	1.E-04
7.20E-09	1.10E-07	5.80E-09	0.122759	1.E-04
7.31E-09	1.12E-07	5.99E-09	0.1255018	1.E-04
7.41E-09	1.14E-07	6.16E-09	0.127976	1.E-04
7.50E-09	1.16E-07	6.33E-09	0.1303156	1.E-04
7.57E-09	1.18E-07	6.48E-09	0.1322974	1.E-04
7.66E-09	1.20E-07	6.64E-09	0.1345082	1.E-04
7.72E-09	1.22E-07	6.78E-09	0.136321	1.E-04
7.77E-09	1.23E-07	6.92E-09	0.1381235	1.E-04
7.75E-09	1.27E-07	7.23E-09	0.1422273	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594698.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130801.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
7.68E-09	1.28E-07	7.28E-09	0.142942	1.E-04
7.57E-09	1.28E-07	7.31E-09	0.1432493	1.E-04
7.35E-09	1.28E-07	7.30E-09	0.1430037	1.E-04
7.25E-09	1.28E-07	7.29E-09	0.1428734	1.E-04
7.12E-09	1.27E-07	7.23E-09	0.1417419	1.E-04
7.01E-09	1.26E-07	7.18E-09	0.1406612	1.E-04
6.89E-09	1.25E-07	7.11E-09	0.139205	1.E-04
6.78E-09	1.24E-07	7.03E-09	0.1375976	1.E-04
6.65E-09	1.22E-07	6.93E-09	0.1355877	1.E-04
6.49E-09	1.20E-07	6.76E-09	0.1328077	1.E-04
6.14E-09	1.14E-07	6.32E-09	0.1260681	9.E-05
5.94E-09	1.10E-07	6.03E-09	0.1218863	9.E-05
5.71E-09	1.06E-07	5.72E-09	0.1172247	9.E-05
5.45E-09	1.01E-07	5.36E-09	0.1116715	8.E-05
5.17E-09	9.56E-08	5.01E-09	0.1057848	8.E-05
4.89E-09	9.03E-08	4.67E-09	0.0998311	7.E-05
4.60E-09	8.47E-08	4.35E-09	0.0936712	7.E-05
4.32E-09	7.92E-08	4.04E-09	0.0875571	6.E-05
3.82E-09	6.95E-08	3.55E-09	0.076895	6.E-05
3.60E-09	6.53E-08	3.34E-09	0.0722539	5.E-05
3.41E-09	6.16E-08	3.16E-09	0.0681785	5.E-05
3.10E-09	5.57E-08	2.86E-09	0.0617041	5.E-05
2.97E-09	5.33E-08	2.74E-09	0.0590508	5.E-05
2.85E-09	5.11E-08	2.62E-09	0.0566121	4.E-05
2.64E-09	4.73E-08	2.43E-09	0.0523525	4.E-05
2.55E-09	4.56E-08	2.34E-09	0.0504499	4.E-05
2.46E-09	4.39E-08	2.26E-09	0.0486201	4.E-05
2.37E-09	4.23E-08	2.18E-09	0.0468791	4.E-05
2.22E-09	3.96E-08	2.04E-09	0.043875	3.E-05
2.15E-09	3.84E-08	1.98E-09	0.0425524	3.E-05
2.09E-09	3.73E-08	1.92E-09	0.04128	3.E-05
2.03E-09	3.62E-08	1.87E-09	0.0401392	3.E-05
1.93E-09	3.45E-08	1.78E-09	0.0382054	3.E-05
1.88E-09	3.37E-08	1.73E-09	0.0372665	3.E-05
1.84E-09	3.29E-08	1.69E-09	0.0364348	3.E-05
1.80E-09	3.22E-08	1.65E-09	0.035661	3.E-05
1.73E-09	3.09E-08	1.57E-09	0.0342266	3.E-05
1.69E-09	3.03E-08	1.54E-09	0.0335362	3.E-05
1.66E-09	2.97E-08	1.51E-09	0.0328838	2.E-05
1.62E-09	2.91E-08	1.47E-09	0.0322328	2.E-05
1.59E-09	2.86E-08	1.44E-09	0.0315984	2.E-05
1.56E-09	2.80E-08	1.41E-09	0.0310197	2.E-05
1.53E-09	2.75E-08	1.38E-09	0.030417	2.E-05
1.50E-09	2.70E-08	1.35E-09	0.0298274	2.E-05
1.47E-09	2.65E-08	1.32E-09	0.029269	2.E-05
1.44E-09	2.60E-08	1.30E-09	0.0287159	2.E-05
1.41E-09	2.55E-08	1.27E-09	0.0281699	2.E-05
1.38E-09	2.50E-08	1.24E-09	0.0276019	2.E-05
5.73E-09	8.67E-08	4.34E-09	0.0967913	9.E-05
5.90E-09	8.93E-08	4.50E-09	0.0996659	9.E-05
6.07E-09	9.18E-08	4.65E-09	0.102501	9.E-05
6.21E-09	9.41E-08	4.81E-09	0.1051436	9.E-05
6.35E-09	9.65E-08	4.96E-09	0.1078151	9.E-05
6.49E-09	9.89E-08	5.13E-09	0.110551	1.E-04
6.60E-09	1.01E-07	5.29E-09	0.1130488	1.E-04
6.70E-09	1.03E-07	5.44E-09	0.1153832	1.E-04
6.79E-09	1.05E-07	5.59E-09	0.1175663	1.E-04
6.88E-09	1.07E-07	5.74E-09	0.1198324	1.E-04
6.96E-09	1.09E-07	5.88E-09	0.1218408	1.E-04
7.03E-09	1.11E-07	6.02E-09	0.1237583	1.E-04
7.09E-09	1.12E-07	6.14E-09	0.1253568	1.E-04
7.16E-09	1.14E-07	6.27E-09	0.127054	1.E-04
7.21E-09	1.15E-07	6.38E-09	0.1285763	1.E-04
7.23E-09	1.16E-07	6.48E-09	0.1298432	1.E-04
7.18E-09	1.19E-07	6.70E-09	0.1327582	1.E-04
7.11E-09	1.19E-07	6.72E-09	0.1331299	1.E-04
7.01E-09	1.19E-07	6.73E-09	0.1332186	1.E-04
6.79E-09	1.19E-07	6.69E-09	0.1325112	1.E-04
6.70E-09	1.19E-07	6.68E-09	0.1322246	1.E-04

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594798.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595558.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130821.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
6.59E-09	1.18E-07	6.63E-09	0.1311767	1.E-04
6.48E-09	1.17E-07	6.57E-09	0.1300066	1.E-04
6.37E-09	1.16E-07	6.51E-09	0.1285792	9.E-05
6.26E-09	1.14E-07	6.43E-09	0.1270058	9.E-05
6.14E-09	1.13E-07	6.32E-09	0.1249716	9.E-05
6.00E-09	1.10E-07	6.18E-09	0.1225478	9.E-05
5.68E-09	1.05E-07	5.78E-09	0.116346	8.E-05
5.49E-09	1.02E-07	5.53E-09	0.1125691	8.E-05
5.27E-09	9.76E-08	5.23E-09	0.1081046	8.E-05
5.04E-09	9.32E-08	4.93E-09	0.1031748	8.E-05
4.79E-09	8.84E-08	4.61E-09	0.0978359	7.E-05
4.53E-09	8.36E-08	4.31E-09	0.09241	7.E-05
4.27E-09	7.86E-08	4.02E-09	0.0869001	6.E-05
4.02E-09	7.37E-08	3.75E-09	0.0815033	6.E-05
3.57E-09	6.49E-08	3.31E-09	0.0718214	5.E-05
3.37E-09	6.12E-08	3.12E-09	0.0676787	5.E-05
3.20E-09	5.79E-08	2.96E-09	0.0640086	5.E-05
2.92E-09	5.25E-08	2.69E-09	0.0581553	4.E-05
2.80E-09	5.03E-08	2.58E-09	0.0557257	4.E-05
2.69E-09	4.83E-08	2.47E-09	0.0534971	4.E-05
2.51E-09	4.48E-08	2.29E-09	0.0496453	4.E-05
2.42E-09	4.33E-08	2.21E-09	0.0479109	4.E-05
2.34E-09	4.17E-08	2.14E-09	0.0461886	3.E-05
2.26E-09	4.03E-08	2.06E-09	0.0446107	3.E-05
2.12E-09	3.77E-08	1.94E-09	0.0417827	3.E-05
2.05E-09	3.66E-08	1.88E-09	0.0405409	3.E-05
1.99E-09	3.55E-08	1.83E-09	0.039331	3.E-05
1.94E-09	3.45E-08	1.78E-09	0.0382527	3.E-05
1.84E-09	3.29E-08	1.69E-09	0.0364032	3.E-05
1.80E-09	3.21E-08	1.65E-09	0.0355335	3.E-05
1.76E-09	3.14E-08	1.61E-09	0.0347765	3.E-05
1.72E-09	3.07E-08	1.57E-09	0.0340202	3.E-05
1.69E-09	3.01E-08	1.54E-09	0.0333391	3.E-05
1.65E-09	2.95E-08	1.51E-09	0.0327054	2.E-05
1.62E-09	2.90E-08	1.47E-09	0.0320649	2.E-05
1.59E-09	2.84E-08	1.44E-09	0.0314797	2.E-05
1.56E-09	2.79E-08	1.41E-09	0.0308638	2.E-05
1.53E-09	2.74E-08	1.38E-09	0.0302849	2.E-05
1.50E-09	2.69E-08	1.36E-09	0.02977	2.E-05
1.47E-09	2.64E-08	1.33E-09	0.0292091	2.E-05
1.44E-09	2.59E-08	1.30E-09	0.0286852	2.E-05
1.42E-09	2.55E-08	1.27E-09	0.0281722	2.E-05
1.39E-09	2.50E-08	1.25E-09	0.0276578	2.E-05
1.36E-09	2.46E-08	1.22E-09	0.0271668	2.E-05
1.34E-09	2.41E-08	1.20E-09	0.0266326	2.E-05
5.54E-09	8.47E-08	4.26E-09	0.0944766	8.E-05
5.69E-09	8.70E-08	4.41E-09	0.0970584	8.E-05
5.82E-09	8.91E-08	4.55E-09	0.0995015	9.E-05
5.94E-09	9.12E-08	4.69E-09	0.1018704	9.E-05
6.06E-09	9.33E-08	4.83E-09	0.1042186	9.E-05
6.18E-09	9.56E-08	4.98E-09	0.1067819	9.E-05
6.26E-09	9.73E-08	5.11E-09	0.1086829	9.E-05
6.34E-09	9.90E-08	5.23E-09	0.110611	9.E-05
6.41E-09	1.01E-07	5.36E-09	0.1124217	1.E-04
6.49E-09	1.02E-07	5.50E-09	0.1144416	1.E-04
6.55E-09	1.04E-07	5.61E-09	0.1159244	1.E-04
6.61E-09	1.05E-07	5.72E-09	0.117458	1.E-04
6.65E-09	1.06E-07	5.81E-09	0.1186987	1.E-04
6.70E-09	1.07E-07	5.91E-09	0.1200496	1.E-04
6.74E-09	1.09E-07	6.00E-09	0.1212708	1.E-04
6.76E-09	1.09E-07	6.08E-09	0.122243	1.E-04
6.67E-09	1.11E-07	6.20E-09	0.1239256	1.E-04
6.60E-09	1.11E-07	6.22E-09	0.1242079	1.E-04
6.50E-09	1.11E-07	6.21E-09	0.1238849	1.E-04
6.31E-09	1.11E-07	6.17E-09	0.1232481	9.E-05
6.21E-09	1.10E-07	6.14E-09	0.1226703	9.E-05
6.11E-09	1.10E-07	6.10E-09	0.1217947	9.E-05
6.02E-09	1.09E-07	6.06E-09	0.1208102	9.E-05
5.91E-09	1.07E-07	5.98E-09	0.1192369	9.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594858.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595218.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595558.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130841.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
5.80E-09	1.06E-07	5.91E-09	0.1177488	9.E-05
5.69E-09	1.04E-07	5.81E-09	0.1157997	8.E-05
5.57E-09	1.02E-07	5.68E-09	0.1136569	8.E-05
5.27E-09	9.72E-08	5.31E-09	0.1078193	8.E-05
5.09E-09	9.42E-08	5.08E-09	0.1043279	8.E-05
4.89E-09	9.05E-08	4.82E-09	0.1002371	7.E-05
4.68E-09	8.65E-08	4.54E-09	0.0956817	7.E-05
4.45E-09	8.22E-08	4.26E-09	0.0908734	7.E-05
4.22E-09	7.78E-08	4.00E-09	0.0860237	6.E-05
3.99E-09	7.33E-08	3.74E-09	0.0810322	6.E-05
3.76E-09	6.89E-08	3.50E-09	0.0761277	6.E-05
3.35E-09	6.10E-08	3.09E-09	0.0673969	5.E-05
3.17E-09	5.75E-08	2.92E-09	0.0635514	5.E-05
3.01E-09	5.45E-08	2.78E-09	0.0602902	4.E-05
2.76E-09	4.97E-08	2.54E-09	0.0549717	4.E-05
2.65E-09	4.76E-08	2.43E-09	0.0526917	4.E-05
2.55E-09	4.58E-08	2.34E-09	0.0506877	4.E-05
2.38E-09	4.26E-08	2.17E-09	0.0471664	4.E-05
2.30E-09	4.12E-08	2.10E-09	0.0455816	3.E-05
2.23E-09	3.97E-08	2.03E-09	0.0439958	3.E-05
2.15E-09	3.84E-08	1.96E-09	0.0425408	3.E-05
2.02E-09	3.60E-08	1.84E-09	0.0399066	3.E-05
1.96E-09	3.50E-08	1.79E-09	0.038716	3.E-05
1.91E-09	3.39E-08	1.74E-09	0.0375635	3.E-05
1.85E-09	3.30E-08	1.69E-09	0.0365494	3.E-05
1.76E-09	3.14E-08	1.61E-09	0.0347791	3.E-05
1.72E-09	3.07E-08	1.57E-09	0.0339571	3.E-05
1.68E-09	3.00E-08	1.54E-09	0.033209	3.E-05
1.65E-09	2.94E-08	1.50E-09	0.0325147	2.E-05
1.61E-09	2.88E-08	1.47E-09	0.0318588	2.E-05
1.58E-09	2.83E-08	1.44E-09	0.0312732	2.E-05
1.55E-09	2.77E-08	1.41E-09	0.030675	2.E-05
1.52E-09	2.72E-08	1.38E-09	0.0301329	2.E-05
1.49E-09	2.67E-08	1.35E-09	0.0295822	2.E-05
1.47E-09	2.63E-08	1.33E-09	0.0290462	2.E-05
1.44E-09	2.58E-08	1.30E-09	0.0285684	2.E-05
1.41E-09	2.54E-08	1.28E-09	0.0280656	2.E-05
1.39E-09	2.49E-08	1.25E-09	0.0275824	2.E-05
1.37E-09	2.45E-08	1.23E-09	0.0271169	2.E-05
1.34E-09	2.41E-08	1.20E-09	0.0266459	2.E-05
1.32E-09	2.37E-08	1.18E-09	0.0261878	2.E-05
1.29E-09	2.32E-08	1.16E-09	0.0256961	2.E-05
5.34E-09	8.25E-08	4.18E-09	0.0920628	8.E-05
5.47E-09	8.45E-08	4.31E-09	0.0943228	8.E-05
5.58E-09	8.65E-08	4.43E-09	0.0964963	8.E-05
5.68E-09	8.83E-08	4.55E-09	0.0985331	8.E-05
5.78E-09	9.01E-08	4.68E-09	0.1005714	9.E-05
5.87E-09	9.19E-08	4.81E-09	0.1026216	9.E-05
5.94E-09	9.35E-08	4.92E-09	0.1043784	9.E-05
6.00E-09	9.49E-08	5.03E-09	0.1059075	9.E-05
6.06E-09	9.62E-08	5.13E-09	0.1074123	9.E-05
6.13E-09	9.78E-08	5.25E-09	0.1091291	9.E-05
6.17E-09	9.88E-08	5.34E-09	0.110272	9.E-05
6.21E-09	9.97E-08	5.42E-09	0.1113331	9.E-05
6.25E-09	1.01E-07	5.50E-09	0.1124015	9.E-05
6.28E-09	1.02E-07	5.57E-09	0.1134248	9.E-05
6.31E-09	1.02E-07	5.64E-09	0.114366	9.E-05
6.31E-09	1.03E-07	5.69E-09	0.1150365	9.E-05
6.20E-09	1.04E-07	5.76E-09	0.1159058	9.E-05
6.14E-09	1.04E-07	5.77E-09	0.1160168	9.E-05
6.06E-09	1.04E-07	5.76E-09	0.1158854	9.E-05
5.87E-09	1.03E-07	5.71E-09	0.1149035	9.E-05
5.79E-09	1.03E-07	5.68E-09	0.1143231	9.E-05
5.69E-09	1.02E-07	5.64E-09	0.1134133	8.E-05
5.60E-09	1.01E-07	5.59E-09	0.1123727	8.E-05
5.50E-09	9.99E-08	5.53E-09	0.1109693	8.E-05
5.41E-09	9.88E-08	5.46E-09	0.1096337	8.E-05
5.30E-09	9.71E-08	5.36E-09	0.1077563	8.E-05
5.18E-09	9.53E-08	5.24E-09	0.105703	8.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
594938.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594998.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595018.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595058.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595198.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595238.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595278.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595298.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595318.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595338.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595378.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595398.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595418.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595438.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595478.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595498.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595518.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595538.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595558.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595578.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595598.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595618.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595638.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595658.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595678.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595698.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595718.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595738.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595758.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595778.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595798.04	4130861.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594318.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594338.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594358.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594378.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594398.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594418.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594438.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594458.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594478.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594498.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594518.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594538.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594558.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594578.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594598.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594618.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594678.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594698.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594718.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594758.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594778.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594798.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594818.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594838.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594858.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594878.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594898.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594938.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594958.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594978.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595038.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
4.90E-09	9.04E-08	4.90E-09	0.1002204	7.E-05
4.74E-09	8.76E-08	4.70E-09	0.097023	7.E-05
4.56E-09	8.43E-08	4.46E-09	0.093315	7.E-05
4.36E-09	8.05E-08	4.21E-09	0.0890947	7.E-05
4.15E-09	7.66E-08	3.96E-09	0.0846609	6.E-05
3.94E-09	7.25E-08	3.72E-09	0.0801915	6.E-05
3.73E-09	6.85E-08	3.48E-09	0.0757051	6.E-05
3.52E-09	6.45E-08	3.27E-09	0.0712811	5.E-05
3.15E-09	5.73E-08	2.90E-09	0.0633544	5.E-05
2.98E-09	5.42E-08	2.75E-09	0.0598931	4.E-05
2.84E-09	5.14E-08	2.61E-09	0.0568715	4.E-05
2.61E-09	4.70E-08	2.39E-09	0.0519823	4.E-05
2.42E-09	4.34E-08	2.21E-09	0.0480511	4.E-05
2.26E-09	4.05E-08	2.06E-09	0.0448614	3.E-05
2.19E-09	3.92E-08	1.99E-09	0.0433655	3.E-05
2.12E-09	3.79E-08	1.93E-09	0.0419553	3.E-05
2.06E-09	3.67E-08	1.87E-09	0.0406144	3.E-05
1.93E-09	3.44E-08	1.76E-09	0.0381337	3.E-05
1.88E-09	3.34E-08	1.71E-09	0.0370192	3.E-05
1.82E-09	3.24E-08	1.66E-09	0.0359247	3.E-05
1.78E-09	3.16E-08	1.61E-09	0.0349736	3.E-05
1.69E-09	3.00E-08	1.54E-09	0.0332559	3.E-05
1.65E-09	2.93E-08	1.50E-09	0.032496	2.E-05
1.61E-09	2.87E-08	1.47E-09	0.031781	2.E-05
1.58E-09	2.81E-08	1.43E-09	0.0311011	2.E-05
1.55E-09	2.76E-08	1.41E-09	0.0305052	2.E-05
1.52E-09	2.71E-08	1.38E-09	0.0299602	2.E-05
1.49E-09	2.66E-08	1.35E-09	0.0294101	2.E-05
1.46E-09	2.61E-08	1.32E-09	0.0288773	2.E-05
1.44E-09	2.56E-08	1.30E-09	0.0283696	2.E-05
1.41E-09	2.52E-08	1.27E-09	0.0278843	2.E-05
1.39E-09	2.48E-08	1.25E-09	0.0274368	2.E-05
1.36E-09	2.44E-08	1.23E-09	0.0269719	2.E-05
1.34E-09	2.40E-08	1.21E-09	0.0265422	2.E-05
1.32E-09	2.36E-08	1.18E-09	0.0261087	2.E-05
1.29E-09	2.32E-08	1.16E-09	0.0256813	2.E-05
1.27E-09	2.28E-08	1.14E-09	0.0252628	2.E-05
1.25E-09	2.24E-08	1.12E-09	0.0248185	2.E-05
5.15E-09	8.03E-08	4.08E-09	0.0894829	8.E-05
5.25E-09	8.20E-08	4.20E-09	0.0914574	8.E-05
5.34E-09	8.37E-08	4.31E-09	0.0933243	8.E-05
5.42E-09	8.53E-08	4.42E-09	0.0951118	8.E-05
5.50E-09	8.68E-08	4.52E-09	0.0968093	8.E-05
5.57E-09	8.83E-08	4.63E-09	0.0984722	8.E-05
5.63E-09	8.96E-08	4.73E-09	0.0999417	8.E-05
5.68E-09	9.07E-08	4.82E-09	0.1012422	8.E-05
5.72E-09	9.18E-08	4.90E-09	0.1024718	9.E-05
5.78E-09	9.30E-08	4.99E-09	0.1037771	9.E-05
5.81E-09	9.39E-08	5.07E-09	0.1047405	9.E-05
5.84E-09	9.46E-08	5.13E-09	0.1055968	9.E-05
5.87E-09	9.54E-08	5.20E-09	0.1064447	9.E-05
5.90E-09	9.61E-08	5.26E-09	0.107277	9.E-05
5.90E-09	9.65E-08	5.29E-09	0.107686	9.E-05
5.91E-09	9.71E-08	5.33E-09	0.1083184	9.E-05
5.80E-09	9.76E-08	5.37E-09	0.1087808	9.E-05
5.72E-09	9.74E-08	5.35E-09	0.1084809	9.E-05
5.65E-09	9.73E-08	5.34E-09	0.1082366	8.E-05
5.48E-09	9.65E-08	5.29E-09	0.1072659	8.E-05
5.39E-09	9.60E-08	5.26E-09	0.1066089	8.E-05
5.31E-09	9.53E-08	5.22E-09	0.1057932	8.E-05
5.22E-09	9.43E-08	5.18E-09	0.1047136	8.E-05
5.13E-09	9.33E-08	5.12E-09	0.1035413	8.E-05
5.04E-09	9.21E-08	5.05E-09	0.1021532	8.E-05
4.94E-09	9.05E-08	4.96E-09	0.1004493	7.E-05
4.83E-09	8.88E-08	4.85E-09	0.0985132	7.E-05
4.57E-09	8.43E-08	4.54E-09	0.0934577	7.E-05
4.42E-09	8.16E-08	4.35E-09	0.0904107	7.E-05
4.26E-09	7.86E-08	4.14E-09	0.0869527	6.E-05
3.69E-09	6.79E-08	3.47E-09	0.0750455	6.E-05

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$)

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595058.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595078.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595098.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595118.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595138.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595158.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595178.04	4130881.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
594658.04	4130981.51	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CONCUNIT ug	/m^3																				
DEPUNIT g/m	^2																				

Risk Calculation Part 2

Cancer Risk = $\sum R1*C_{DPM}$				HI
3rd Trimester	0<2	2<9	Total	C_{DPM}/REL
				unitless
3.49E-09	6.41E-08	3.26E-09	0.0708847	5.E-05
3.31E-09	6.05E-08	3.06E-09	0.0669072	5.E-05
3.13E-09	5.71E-08	2.88E-09	0.063147	5.E-05
2.97E-09	5.40E-08	2.73E-09	0.0596859	4.E-05
2.82E-09	5.11E-08	2.59E-09	0.0565265	4.E-05
2.68E-09	4.86E-08	2.46E-09	0.0537397	4.E-05
2.57E-09	4.64E-08	2.35E-09	0.0512803	4.E-05
4.29E-09	7.30E-08	3.89E-09	0.0811499	6.E-05

San Jose City College FMP 1/15/2021

Cancer Risk & Hazard Index Calculations - Offsite School & Daycare

					Exposure Duration (Days)			Exposure Duration (Days)				
				Start Date	5/1/2021	5/2/2023	Start Date	5/1/2021				
				Stop Date	5/1/2023	4/30/2029	Stop Date	5/1/2030				
					Preschool		School		DPM Emissions (tons)		DPM Emission Rate (g/s)	
Source	Year	Start Date	End Date	Calendar Days	0<2	2<9	2<16	Exposure Duration	Uncontrolled	Tier 4	Uncontrolled	Tier 4
Area Source 1	2021	5/1/2021	7/1/2021	61	61.00	0	61.00	61	0.01	3.10E-04	0.003	1.49E-04
Area Source 1	2022	12/1/2022	12/31/2022	30	30	0	30	30	0.00	1.40E-04	0.002	1.37E-04
Area Source 1	2023	1/1/2023	8/1/2023	212	120	92	212	212	0.01	9.40E-04	0.002	1.30E-04
Area Source 2	2021	6/1/2021	12/31/2021	213	213	0	213	213	0.02	9.20E-04	0.003	1.27E-04
Area Source 2	2022	1/1/2022	3/1/2022	59	59	0	59	59	0.00	2.50E-04	0.002	1.25E-04
Area Source 3	2021	6/1/2021	8/1/2021	61	61	0	61	61	0.02	8.40E-04	0.009	3.20E-04
Area Source 3	2022	3/1/2022	12/31/2022	305	305	0	305	305	0.06	3.93E-03	0.005	2.99E-04
Area Source 3	2023	1/1/2023	12/31/2023	364	120	244	364	364	0.07	4.48E-03	0.004	2.86E-04
Area Source 3	2024	1/1/2024	3/1/2024	60	0	60	60	60	0.00	3.20E-04	0.002	1.24E-04
Area Source 4	2024	6/1/2024	12/31/2024	213	0	213	213	213	0.01	9.40E-04	0.002	1.30E-04
Area Source 4	2025	1/1/2025	2/1/2025	31	0	31	31	31	0.00	1.50E-04	0.002	1.42E-04
Area Source 5	2025	10/1/2025	12/31/2025	91	0	91	91	91	0.01	4.40E-04	0.002	1.42E-04
Area Source 5	2026	1/1/2026	4/1/2026	90	0	90	90	90	0.00	4.30E-04	0.002	1.40E-04
Area Source 6	2026	1/1/2026	9/30/2026	272	0	272	272	272	0.05	3.75E-03	0.005	3.20E-04
Area Source 6	2027	2/1/2027	12/31/2027	333	0	333	333	333	0.06	4.80E-03	0.004	3.35E-04
Area Source 6	2028	1/1/2028	7/30/2028	211	0	211	211	211	0.03	2.52E-03	0.003	2.77E-04
Area Source 7	2026	1/1/2026	12/31/2026	364	0	364	364	364	0.09	7.91E-03	0.008	6.39E-04
Area Source 7	2027	1/1/2027	12/31/2027	364	0	364	364	364	0.07	6.17E-03	0.006	4.98E-04
Area Source 7	2028	1/1/2028	12/12/2028	346	0	346	346	346	0.05	4.33E-03	0.004	3.68E-04
Area Source 8	2029	1/1/2029	7/18/2029	198	0	198	198	198	0.02	1.50E-03	0.002	1.76E-04

Cancer Risk Factors

			Preschool		School
	Abbreviation	UOM	0<2	2<9	2<16
Daily Breathing Rate (8-hour)	DBR	L/kg-8 hour	1200	640	520
Fraction Of Time At Home	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.68	0.68	0.49
Age Sensitivity Factor	ASF	unitless	10	3	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00

Hazard Index

Chronic Inhalation	REL	μg/m^3	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Risk Calculation Part 1, R1 = IF*CPF*CF

Source	0<2	2<9	2<16	0<2	2<9	2<16
Area Source 1	0.019	0.000	0.002	2.14E-05	0.00E+00	2.01E-06
Area Source 1	0.010	0.000	0.001	1.05E-05	0.00E+00	9.87E-07
Area Source 1	0.038	0.005	0.006	4.22E-05	5.17E-06	6.98E-06
Area Source 2	0.068	0.000	0.006	7.48E-05	0.00E+00	7.01E-06
Area Source 2	0.019	0.000	0.002	2.07E-05	0.00E+00	1.94E-06
Area Source 3	0.019	0.000	0.002	2.14E-05	0.00E+00	2.01E-06
Area Source 3	0.097	0.000	0.009	1.07E-04	0.00E+00	1.00E-05
Area Source 3	0.038	0.012	0.011	4.22E-05	1.37E-05	1.20E-05
Area Source 3	0.000	0.003	0.002	0.00E+00	3.37E-06	1.97E-06
Area Source 4	0.000	0.011	0.006	0.00E+00	1.20E-05	7.01E-06
Area Source 4	0.000	0.002	0.001	0.00E+00	1.74E-06	1.02E-06
Area Source 5	0.000	0.005	0.003	0.00E+00	5.12E-06	2.99E-06
Area Source 5	0.000	0.005	0.003	0.00E+00	5.06E-06	2.96E-06
Area Source 6	0.000	0.014	0.008	0.00E+00	1.53E-05	8.95E-06
Area Source 6	0.000	0.017	0.010	0.00E+00	1.87E-05	1.10E-05
Area Source 6	0.000	0.011	0.006	0.00E+00	1.19E-05	6.94E-06
Area Source 7	0.000	0.019	0.011	0.00E+00	2.05E-05	1.20E-05
Area Source 7	0.000	0.019	0.011	0.00E+00	2.05E-05	1.20E-05
Area Source 7	0.000	0.018	0.010	0.00E+00	1.94E-05	1.14E-05
Area Source 8	0.000	0.010	0.006	0.00E+00	1.11E-05	6.52E-06

	Cancer Risk	UTM X	UTM Y
MAX - Unmitigated - Preschool	1.77	595494.53	4130431.04
MAX - Mitigated - Preschool	0.10	595494.53	4130431.04
MAX - Unmitigated - School	9.E-07	595330.33	4129851.74
MAX - Mitigated - School	7.E-08	595330.33	4129851.74

HI	UTM X	UTM Y
3.E-03	595494.53	4130431.04
2.E-04	595494.53	4130431.04
5.E-03	595330.33	4129851.74
4.E-04	595310.33	4129851.74

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.02	595494.53	4130431.04
0.001	595494.53	4130431.04
0.02	595330.33	4129851.74
0.002	595310.33	4129851.74

$PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Preschool Unmitigated																					
595494.53	4130431.04	0.004	0.004	0.003	0.009	0.007	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002
Preschool Mitigated																					
595494.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
School Unmitigated																					
595330.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.015	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.003	0.017	0.013	0.010	0.001
School Mitigated																					
595310.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000

$PM_{2.5}$ Conc.
$\mu g/m^3$
Max. Annual
Preschool Unmitigated
0.016
Preschool Mitigated
0.001
School Unmitigated
0.022
School Mitigated
0.002

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - Preschool Unmitigated

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595494.53	4130431.04	0.005	0.004	0.003	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002
595514.53	4130431.04	0.004	0.004	0.003	0.008	0.007	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0.003	0.003	0.002	0.001	0.001	0.002
595494.53	4130451.04	0.004	0.003	0.003	0.007	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0.003	0.003	0.002	0.001	0.001	0.002
595514.53	4130451.04	0.003	0.003	0.003	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001
595494.53	4130471.04	0.003	0.003	0.002	0.006	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001
595514.53	4130471.04	0.003	0.003	0.002	0.005	0.004	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	0.002	0.001	0.001	0.001
595494.53	4130491.04	0.003	0.002	0.002	0.005	0.004	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001
595514.53	4130491.04	0.003	0.002	0.002	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.001	0.001	0.001

Risk Calculation Part 2

$\sum R1*C_{DPM}$			HI
Preschool			C_{DPM}/REL
0<2	2<9	Total	unitless
1.45E-06	3.18E-07	1.77E+00	0.003
1.27E-06	2.98E-07	1.57E+00	0.003
1.18E-06	2.87E-07	1.47E+00	0.003
1.05E-06	2.71E-07	1.33E+00	0.002
9.92E-07	2.61E-07	1.25E+00	0.002
8.99E-07	2.47E-07	1.15E+00	0.002
8.52E-07	2.38E-07	1.09E+00	0.002
7.81E-07	2.26E-07	1.01E+00	0.002

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - Preschool Mitigated

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595494.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130431.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130451.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130471.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595494.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
595514.53	4130491.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Risk Calculation Part 2

$\sum R1*C_{DPM}$			HI
Preschool			C_{DPM}/REL
0<2	2<9	Total	unitless
7.98E-08	2.51E-08	1.05E-01	0.000
7.03E-08	2.36E-08	9.39E-02	0.000
6.52E-08	2.27E-08	8.80E-02	0.000
5.85E-08	2.14E-08	7.99E-02	0.000
5.51E-08	2.07E-08	7.58E-02	0.000
5.00E-08	1.96E-08	6.96E-02	0.000
4.75E-08	1.89E-08	6.64E-02	0.000
4.36E-08	1.80E-08	6.16E-02	0.000

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - School Unmitigated

X (UTM)	Y (UTM)	Project Construction																			
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
595130.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.003	0.003	0.000
595150.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595170.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000
595130.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.004	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.004	0.003	0.000
595150.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.004	0.003	0.000
595210.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.006	0.004	0.000
595230.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000
595270.33	4129731.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.009	0.007	0.005	0.001
595290.33	4129731.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.009	0.007	0.005	0.001
595170.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.006	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.007	0.005	0.004	0.000
595190.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.007	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.004	0.000
595210.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.005	0.000
595230.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.001
595270.33	4129751.74	0.001	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.010	0.008	0.006	0.001
595290.33	4129751.74	0.001	0.001	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001
595170.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.008	0.006	0.005	0.000
595190.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.007	0.004	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.009	0.007	0.005	0.001
595230.33	4129771.74	0.001	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.010	0.008	0.006	0.001
595250.33	4129771.74	0.001	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001
595270.33	4129771.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.011	0.008	0.006	0.001
595290.33	4129771.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.012	0.009	0.007	0.001
595190.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.008	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.008	0.006	0.001
595210.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.004	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.011	0.008	0.006	0.001
595230.33	4129791.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.001	0.012	0.009	0.007	0.001
595250.33	4129791.74	0.001	0.001	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.012	0.009	0.007	0.001
595270.33	4129791.74	0.001	0.001	0.000	0.000	0.000	0.011	0.006	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.013	0.010	0.007	0.001
595290.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.011	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.013	0.010	0.007	0.001

Risk Calculation Part 2

$\sum R1*C_{DPM}$	HI
School	C_{DPM}/REL
2<16	unitless
2.12E-07	0.001
2.33835E-07	0.001
2.55748E-07	0.001
2.38373E-07	0.001
2.63322E-07	0.001
3.38175E-07	0.002
3.62746E-07	0.002
4.10344E-07	0.002
4.31915E-07	0.002
3.26052E-07	0.002
3.54023E-07	0.002
3.8192E-07	0.002
4.08701E-07	0.002
4.58944E-07	0.003
4.81601E-07	0.003
3.71024E-07	0.002
4.02517E-07	0.002
4.62057E-07	0.003
4.88614E-07	0.003
5.14092E-07	0.003
5.37526E-07	0.003
4.59514E-07	0.003
4.92745E-07	0.003
5.23633E-07	0.003
5.51989E-07	0.003
5.7868E-07	0.003
6.02082E-07	0.003

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - School Unmitigated

X (UTM)	Y (UTM)	Project Construction																				Risk Calculation Part 2	
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	$\sum R1*C_{DPM}$	HI
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029	School	C_{DPM}/REL
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2<16	unitless
595310.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.014	0.010	0.008	0.001	6.20512E-07	0.003
595330.33	4129791.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.014	0.010	0.008	0.001	6.3635E-07	0.003
595190.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.009	0.005	0.005	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.012	0.009	0.007	0.001	5.27097E-07	0.003
595210.33	4129811.74	0.001	0.000	0.000	0.000	0.000	0.010	0.005	0.005	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.013	0.010	0.007	0.001	5.62821E-07	0.003
595250.33	4129811.74	0.001	0.001	0.000	0.000	0.000	0.011	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.014	0.011	0.008	0.001	6.2708E-07	0.003
595270.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.012	0.006	0.006	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.015	0.011	0.008	0.001	6.51972E-07	0.004
595310.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.013	0.007	0.006	0.003	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.015	0.011	0.008	0.001	6.90495E-07	0.004
595350.33	4129811.74	0.001	0.001	0.001	0.000	0.000	0.014	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.015	0.011	0.008	0.001	7.14138E-07	0.004
595270.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.013	0.007	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.002	0.002	0.017	0.012	0.009	0.001	7.34557E-07	0.004
595310.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.014	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.017	0.013	0.009	0.001	7.68259E-07	0.004
595330.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.017	0.013	0.009	0.001	7.78075E-07	0.004
595350.33	4129831.74	0.001	0.001	0.001	0.000	0.000	0.015	0.008	0.007	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.003	0.017	0.012	0.009	0.001	7.84032E-07	0.004
595290.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.002	0.019	0.014	0.010	0.001	8.41686E-07	0.005
595310.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.008	0.008	0.003	0.002	0.002	0.001	0.001	0.003	0.003	0.003	0.019	0.014	0.010	0.001	8.52315E-07	0.005
595330.33	4129851.74	0.001	0.001	0.001	0.000	0.000	0.016	0.009	0.008	0.003	0.002	0.002	0.001	0.001	0.004	0.003	0.003	0.019	0.014	0.010	0.001	8.57189E-07	0.005

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - School Mitigated

X (UTM)	Y (UTM)	Project Construction																				Risk Calculation Part 2	
		AS1	AS1	AS1	AS2	AS2	AS3	AS3	AS3	AS3	AS4	AS4	AS5	AS5	AS6	AS6	AS6	AS7	AS7	AS7	AS8	$\sum R1*C_{DPM}$	HI
		2021	2022	2023	2021	2022	2021	2022	2023	2024	2024	2025	2025	2026	2026	2027	2028	2026	2027	2028	2029	School	C_{DPM}/REL
	Index Lookup HID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2<16	unitless
595130.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.66666E-08	0.000
595150.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.83644E-08	0.000
595170.33	4129711.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.00969E-08	0.000
595130.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.87398E-08	0.000
595150.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.07168E-08	0.000
595210.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	2.66245E-08	0.000
595230.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	2.85522E-08	0.000
595270.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.22653E-08	0.000
595290.33	4129731.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.39354E-08	0.000
595170.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	2.57091E-08	0.000
595190.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	2.7918E-08	0.000
595210.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.01137E-08	0.000
595230.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.22125E-08	0.000
595270.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.61232E-08	0.000
595290.33	4129751.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	3.78718E-08	0.000
595170.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	2.93091E-08	0.000
595190.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	3.1796E-08	0.000
595230.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	3.6466E-08	0.000
595250.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	3.85309E-08	0.000
595270.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.05024E-08	0.000
595290.33	4129771.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.23031E-08	0.000
595190.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	3.63601E-08	0.000
595210.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	3.89685E-08	0.000
595230.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.13785E-08	0.000
595250.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.35759E-08	0.000
595270.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.56318E-08	0.000
595290.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.74172E-08	0.000
595310.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.88014E-08	0.000
595330.33	4129791.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.99744E-08	0.000
595190.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.17784E-08	0.000
595210.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.4575E-08	0.000
595250.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	4.95549E-08	0.000
595270.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	5.14514E-08	0.000
595310.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	5.43254E-08	0.000
595350.33	4129811.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	5.59949E-08	0.000
595270.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	5.8005E-08	0.000
595310.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	6.04542E-08	0.000
595330.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	6.11126E-08	0.000
595350.33	4129831.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	6.14598E-08	0.000
595290.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	6.63616E-08	0.000
595310.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	6.70631E-08	0.000
595330.33	4129851.74	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.000	6.73053E-08	0.000

San Jose City College FMP 1/15/2021

Cancer Risk & Hazard Index Calculations - Onsite Daycare (Child Development Center)

					Exposure Duration (Days)										
				Start Date	7/1/2026	7/1/2028									
				Stop Date	6/30/2028	6/30/2032		DPM Emissions (tons)		DPM Emission Rate (g/s)		$PM_{2.5}$ Emissions (tons)		$PM_{2.5}$ Emission Rate (g/s)	
Source	Year	Start Date	End Date	Calendar Days	0<2	2<9	Exposure Duration	Uncontrolled	Tier 4	Uncontrolled	Tier 4	Uncontrolled	Tier 4	Uncontrolled	Tier 4
Area Source 6	2027	2/1/2027	12/31/2027	333	333	0	333	0.06	4.80E-03	0.004	3.35E-04	0.05	4.78E-03	0.004	3.33E-04
Area Source 6	2028	1/1/2028	7/30/2028	211	181	29	211	0.03	2.52E-03	0.003	2.77E-04	0.03	2.52E-03	0.003	2.77E-04
Area Source 7	2026	7/1/2026	12/31/2026	183	183	0	183	0.04	3.01E-03	0.005	3.82E-04	0.03	2.98E-03	0.004	0.00E+00
Area Source 7	2027	1/1/2027	12/31/2027	364	364	0	364	0.07	6.09E-03	0.006	4.92E-04	0.07	6.04E-03	0.005	4.88E-04
Area Source 7	2028	1/1/2028	12/12/2028	346	181	164	346	0.05	4.64E-03	0.005	3.94E-04	0.05	4.60E-03	0.004	3.91E-04
Area Source 8	2029	1/1/2029	7/18/2029	198	0	198	198	0.02	1.50E-03	0.002	1.76E-04	0.02	1.49E-03	0.002	1.75E-04

Cancer Risk Factors

	Abbreviation	UOM	0<2	2<9
Daily Breathing Rate (8-hour)	DBR	L/kg-8 hour	1200	640
Fraction Of Time At Home	FAH	unitless	1	1
Exposure Frequency	EF	days/year	0.68	0.68
Age Sensitivity Factor	ASF	unitless	10	3
Inhalation Absorption Factor	A	unitless	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00

Hazard Index

Chronic Inhalation	REL	$\mu g/m^3$	5

Intake Factor for Inhalation, IF (m^3/kg-day) = DBR*FAH*EF*ED*ASF*A*CF/AT

Source	0<2	2<9
Area Source 6	0.000	0.017
Area Source 6	0.009	0.011
Area Source 7	0.000	0.009
Area Source 7	0.000	0.019
Area Source 7	0.052	0.018
Area Source 8	0.063	0.010

Risk Calculation Part 1, R1 = IF*CPF*CF

0<2	2<9
0.00E+00	1.87E-05
1.02E-05	1.19E-05
0.00E+00	1.03E-05
0.00E+00	2.05E-05
5.76E-05	1.94E-05
6.96E-05	1.11E-05

	Cancer Risk	UTM X	UTM Y
MAX - CDC - Unmitigated	14.47	594976.85	4130163.57
MAX - CDC - Mitigated	1.25	594976.85	4130163.57

HI	UTM X	UTM Y
0.03	594976.85	4130163.57
0.003	594976.85	4130163.57

$PM_{2.5}$ Conc.	UTM X	UTM Y
0.15	594976.85	4130163.57
0.01	594976.85	4130163.57

Max. $PM_{2.5}$ concentration, $C_{PM2.5}$ ($\mu g/m^3$) - at max. HI receptor

X (UTM)	Y (UTM)	Project Construction						$PM_{2.5}$ Conc.
		AS6	AS6	AS7	AS7	AS7	AS8	$\mu g/m^3$
		2027	2028	2026	2027	2028	2029	Max. Annual
	Index Lookup HID	1	2	3	4	5	6	
CDC - Unmitigated								
594976.85	4130163.57	0.003	0.002	0.119	0.147	0.118	0.001	0.150
CDC - Mitigated								
594976.85	4130163.57	0.000	0.000	0.000	0.014	0.011	0.000	0.014

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - CDC - Unmitigated

X (UTM)	Y (UTM)	Project Construction						$\sum R1*C_{DPM}$			C_{DPM}/REL
		AS6	AS6	AS7	AS7	AS7	AS8	0<2	2<9	Total	unitless
		2027	2028	2026	2027	2028	2029				
	Index Lookup HID	1	2	3	4	5	6				
594916.85	4130103.57	0.001	0.001	0.015	0.019	0.015	0.001	9.27E-07	8.76E-07	1.803155347	0.004
594936.85	4130103.57	0.001	0.001	0.022	0.028	0.022	0.001	1.34E-06	1.27E-06	2.60694211	0.006
594956.85	4130103.57	0.001	0.001	0.030	0.037	0.029	0.001	1.77E-06	1.68E-06	3.450775827	0.008
594976.85	4130103.57	0.002	0.002	0.036	0.045	0.036	0.001	2.16E-06	2.05E-06	4.212290446	0.009
594916.85	4130123.57	0.001	0.001	0.028	0.034	0.027	0.001	1.63E-06	1.55E-06	3.186067898	0.007
594936.85	4130123.57	0.001	0.001	0.039	0.048	0.039	0.001	2.31E-06	2.20E-06	4.517304742	0.010
594956.85	4130123.57	0.002	0.001	0.049	0.060	0.049	0.001	2.88E-06	2.74E-06	5.617744226	0.012
594976.85	4130123.57	0.002	0.002	0.056	0.069	0.056	0.001	3.31E-06	3.15E-06	6.465871327	0.014
594916.85	4130143.57	0.001	0.001	0.055	0.067	0.054	0.001	3.19E-06	3.04E-06	6.236980824	0.014
594936.85	4130143.57	0.002	0.001	0.071	0.087	0.070	0.001	4.12E-06	3.93E-06	8.045672531	0.018
594956.85	4130143.57	0.002	0.002	0.081	0.100	0.081	0.001	4.74E-06	4.52E-06	9.262308504	0.020
594976.85	4130143.57	0.002	0.002	0.087	0.107	0.086	0.001	5.08E-06	4.85E-06	9.925685562	0.022
594916.85	4130163.57	0.001	0.001	0.103	0.127	0.102	0.001	5.97E-06	5.71E-06	11.68296398	0.026
594936.85	4130163.57	0.002	0.002	0.119	0.146	0.118	0.001	6.86E-06	6.56E-06	13.41546581	0.030
594956.85	4130163.57	0.002	0.002	0.125	0.154	0.124	0.001	7.26E-06	6.94E-06	14.20049985	0.031
594976.85	4130163.57	0.003	0.002	0.127	0.157	0.126	0.002	7.40E-06	7.07E-06	14.46714935	0.032

Diesel Particulate Matter concentration, C_{DPM} ($\mu g/m^3$) - CDC - Mitigated

X (UTM)	Y (UTM)	Project Construction						$\sum R1*C_{DPM}$			C_{DPM}/REL
		AS6	AS6	AS7	AS7	AS7	AS8	0<2	2<9	Total	unitless
		2027	2028	2026	2027	2028	2029				
	Index Lookup HID	1	2	3	4	5	6				
594916.85	4130103.57	0.000	0.000	0.001	0.002	0.001	0.000	8.04E-08	7.57E-08	0.156108766	0.000
594936.85	4130103.57	0.000	0.000	0.002	0.002	0.002	0.000	1.16E-07	1.10E-07	0.225818366	0.001
594956.85	4130103.57	0.000	0.000	0.002	0.003	0.003	0.000	1.54E-07	1.45E-07	0.298985313	0.001
594976.85	4130103.57	0.000	0.000	0.003	0.004	0.003	0.000	1.88E-07	1.77E-07	0.364982343	0.001
594916.85	4130123.57	0.000	0.000	0.002	0.003	0.002	0.000	1.42E-07	1.34E-07	0.276131019	0.001
594936.85	4130123.57	0.000	0.000	0.003	0.004	0.003	0.000	2.01E-07	1.90E-07	0.391622169	0.001
594956.85	4130123.57	0.000	0.000	0.004	0.005	0.004	0.000	2.50E-07	2.37E-07	0.48705324	0.001
594976.85	4130123.57	0.000	0.000	0.005	0.006	0.005	0.000	2.88E-07	2.73E-07	0.56054705	0.001
594916.85	4130143.57	0.000	0.000	0.005	0.006	0.005	0.000	2.78E-07	2.63E-07	0.54096494	0.001
594936.85	4130143.57	0.000	0.000	0.006	0.008	0.006	0.000	3.58E-07	3.40E-07	0.697897013	0.002
594956.85	4130143.57	0.000	0.000	0.007	0.009	0.007	0.000	4.12E-07	3.91E-07	0.803391232	0.002
594976.85	4130143.57	0.000	0.000	0.007	0.009	0.008	0.000	4.42E-07	4.19E-07	0.860814113	0.002
594916.85	4130163.57	0.000	0.000	0.009	0.011	0.009	0.000	5.20E-07	4.94E-07	1.01373628	0.002
594936.85	4130163.57	0.000	0.000	0.010	0.013	0.010	0.000	5.97E-07	5.67E-07	1.16402913	0.003
594956.85	4130163.57	0.000	0.000	0.010	0.013	0.011	0.000	6.32E-07	6.00E-07	1.232020937	0.003
594976.85	4130163.57	0.000	0.000	0.011	0.014	0.011	0.000	6.44E-07	6.11E-07	1.254956355	0.003

Cumulative Risk to Off-site MEIR from Sources within 1,000 feet

	Cancer Risk	HI	$PM_{2.5}$
BAAQMD permitted stationary sources			
None	--	--	--
Mobile Sources			
Highway	11.94	--	0.355
Major Streets	4.31	--	0.093
Rail	2.79	--	0.005
Project Sources			
Construction - Mitigated	6.64	0.005	0.02
Operation	20		
Other Cumulative Projects			
None			
Total	45.68	0.005	0.476

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CalEEMod Outputs for Construction Emissions

SJCC FMP - Phase 1a

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	80.00	1000sqft	0.70	80,000.00	0
Junior College (2Yr)	69.04	1000sqft	2.10	69,044.00	0
Junior College (2Yr)	35.36	1000sqft	0.50	35,363.00	0
Junior College (2Yr)	41.82	1000sqft	1.30	41,820.00	0
Junior College (2Yr)	30.65	1000sqft	0.80	30,648.00	0
General Light Industry	7.70	1000sqft	0.30	7,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - All structures to be renovated. Site areas as estimated using Google Earth

Construction Phase - Only building construction phase included for renovation.

Off-road Equipment - Phase not included

Off-road Equipment - Phase not included

Off-road Equipment - Phase not included

Off-road Equipment -

Off-road Equipment - Phase not included

Off-road Equipment - Phase not used

Off-road Equipment - Renovation equipment assumed

Off-road Equipment - Renovation equipment assumed

Off-road Equipment - Renovation equipment assumed

Off-road Equipment - Renovation equipment assumed

Off-road Equipment - Renovation equipment assumed

Off-road Equipment - Renovation equipment assumed

Grading - No grading, only interior renovation

Trips and VMT - CalEEMod default of 111 trips was divided proportionately based on bldg areas. Average 1 round trip per day assumed for trucks. Truck trip length assumed to be 25 miles.

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment assumed for mitigation of health risk

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	10.00	0.00
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tblConstructionPhase	PhaseEndDate	5/28/2021	5/2/2021
tblConstructionPhase	PhaseEndDate	7/9/2021	6/11/2021
tblConstructionPhase	PhaseEndDate	6/24/2022	5/27/2022
tblConstructionPhase	PhaseEndDate	6/11/2021	5/28/2021
tblConstructionPhase	PhaseStartDate	7/10/2021	5/3/2021
tblLandUse	LotAcreage	1.84	0.70
tblLandUse	LotAcreage	1.59	2.10
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tblLandUse	LotAcreage	0.18	0.30
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	4.00

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tblOffRoadEquipment	UsageHours	8.00	4.00
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tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	4.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblTripsAndVMT	VendorTripLength	7.30	25.00
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tblVehicleTrips	ST_TR	11.23	0.00
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tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	27.49	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0568	0.5179	0.404	9.20E-04	0.0156	0.0239	0.0395	4.25E-03	0.0223	0.0266	0	80.6005	80.6005	0.0165	0	81.0127
2022	0.0515	0.4706	0.4153	9.60E-04	0.0169	0.0215	0.0384	4.59E-03	0.0202	0.0248	0	85.0474	85.0474	0.0163	0	85.4549

2023	0.0366	0.3282	0.3191	7.40E-04	0.0125	0.0149	0.0273	3.39E-03	0.014	0.0174	0	65.82	65.82	0.0125	0	66.1312
2024	0.0341	0.3051	0.3122	7.30E-04	0.0113	0.0132	0.0244	3.07E-03	0.0124	0.0154	0	64.6033	64.6033	0.0124	0	64.9127
2025	0.0204	0.1657	0.1924	4.70E-04	0.0121	6.79E-03	0.0189	3.26E-03	6.37E-03	9.63E-03	0	41.5492	41.5492	7.29E-03	0	41.7316
2026	0.0152	0.121	0.1422	3.50E-04	0.0102	4.96E-03	0.0152	2.75E-03	4.65E-03	7.41E-03	0	31.081	31.081	5.33E-03	0	31.2144
Maximum	**0.0568**	**0.5179**	**0.4153**	**9.60E-04**	**0.0169**	**0.0239**	**0.0395**	**4.59E-03**	**0.0223**	**0.0266**	**0**	**85.0474**	**85.0474**	**0.0165**	**0**	**85.4549**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0143	0.1131	0.4299	9.20E-04	0.0156	1.23E-03	0.0168	4.25E-03	1.21E-03	5.47E-03	0	80.6004	80.6004	0.0165	0	81.0126
2022	0.0142	0.0863	0.4545	9.60E-04	0.0169	1.27E-03	0.0182	4.59E-03	1.26E-03	5.86E-03	0	85.0473	85.0473	0.0163	0	85.4548
2023	0.0102	0.0499	0.3541	7.40E-04	0.0125	9.40E-04	0.0134	3.39E-03	9.40E-04	4.33E-03	0	65.8199	65.8199	0.0125	0	66.1312
2024	9.65E-03	0.0491	0.3496	7.30E-04	0.0113	9.30E-04	0.0122	3.07E-03	9.30E-04	4.00E-03	0	64.6032	64.6032	0.0124	0	64.9126
2025	7.22E-03	0.0295	0.2154	4.70E-04	0.0121	5.80E-04	0.0127	3.26E-03	5.70E-04	3.83E-03	0	41.5492	41.5492	7.29E-03	0	41.7316
2026	5.56E-03	0.0215	0.159	3.50E-04	0.0102	4.30E-04	0.0107	2.75E-03	4.20E-04	3.18E-03	0	31.081	31.081	5.33E-03	0	31.2143
Maximum	**0.0143**	**0.1131**	**0.4545**	**9.60E-04**	**0.0169**	**1.27E-03**	**0.0182**	**4.59E-03**	**1.26E-03**	**5.86E-03**	**0**	**85.0473**	**85.0473**	**0.0165**	**0**	**85.4548**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**71.49**	**81.70**	**-9.93**	**0.00**	**0.00**	**93.69**	**48.75**	**0.00**	**93.33**	**73.65**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**5-3-2021**	**8-2-2021**	0.2586	0.0523
2	**8-3-2021**	**11-2-2021**	0.1880	0.0445
3	**11-3-2021**	**2-2-2022**	0.1812	0.0445

4	**2-3-2022**	**5-2-2022**	0.1698	0.0340
5	**5-3-2022**	**8-2-2022**	0.1755	0.0306
6	**8-3-2022**	**11-2-2022**	0.0572	0.0100
7	**11-3-2022**	**2-2-2023**	0.1159	0.0198
8	**2-3-2023**	**5-2-2023**	0.1527	0.0252
9	**5-3-2023**	**8-2-2023**	0.1557	0.0255
13	**5-3-2024**	**8-2-2024**	0.1003	0.0172
14	**8-3-2024**	**11-2-2024**	0.1466	0.0254
15	**11-3-2024**	**2-2-2025**	0.1414	0.0253
18	**8-3-2025**	**11-2-2025**	0.0497	0.0101
19	**11-3-2025**	**2-2-2026**	0.1385	0.0281
20	**2-3-2026**	**5-2-2026**	0.0871	0.0175
		Highest	0.2586	0.0523

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/3/2021	5/2/2021	5	0	
2	Site Preparation	Site Preparation	5/29/2021	5/28/2021	5	0	
3	Grading	Grading	6/12/2021	6/11/2021	5	0	
4	Student Center Renovation	Building Construction	5/3/2021	7/1/2021	5	44	
5	Paving	Paving	5/28/2022	5/27/2022	5	0	
6	Architectural Coating	Architectural Coating	6/25/2022	6/24/2022	5	0	
7	Central Plant Renovation	Building Construction	6/1/2021	3/1/2022	5	196	
8	JMC Renovation	Building Construction	12/1/2022	8/1/2023	5	174	

9	CTE 200 Renovation	Building Construction	3/1/2022	9/1/2022	5	133	
10	Reprographics & Cosmetology Renovation	Building Construction	6/1/2024	2/1/2025	5	175	
11	Technology Center Renovation	Building Construction	10/1/2025	4/1/2026	5	131	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 396,863; Non-Residential Outdoor: 132,288; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	0.00	78	0.48
Demolition	Excavators	0	0.00	158	0.38
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Grading	Excavators	0	0.00	158	0.38
Student Center Renovation	Cranes	1	4.00	231	0.29
Student Center Renovation	Forklifts	1	4.00	89	0.20
Student Center Renovation	Generator Sets	0	0.00	84	0.74
Paving	Pavers	0	0.00	130	0.42
Paving	Rollers	0	0.00	80	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Student Center Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Grading	Graders	0	0.00	187	0.41
Grading	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving	Paving Equipment	0	0.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	0.00	247	0.40
Student Center Renovation	Welders	0	0.00	46	0.45

Reprographics & Cosmetology Renovation	Cranes	1	4.00	231	0.29
Technology Center Renovation	Cranes	1	4.00	231	0.29
Central Plant Renovation	Cranes	1	4.00	231	0.29
JMC Renovation	Cranes	1	4.00	231	0.29
CTE 200 Renovation	Cranes	1	4.00	231	0.29
Reprographics & Cosmetology Renovation	Forklifts	1	4.00	89	0.20
Technology Center Renovation	Forklifts	1	4.00	89	0.20
Central Plant Renovation	Forklifts	1	4.00	89	0.20
JMC Renovation	Forklifts	1	4.00	89	0.20
CTE 200 Renovation	Forklifts	1	4.00	89	0.20
Reprographics & Cosmetology Renovation	Generator Sets	0	0.00	84	0.74
Technology Center Renovation	Generator Sets	0	0.00	84	0.74
Central Plant Renovation	Generator Sets	0	0.00	84	0.74
JMC Renovation	Generator Sets	0	0.00	84	0.74
CTE 200 Renovation	Generator Sets	0	0.00	84	0.74
Reprographics & Cosmetology Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Technology Center Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Central Plant Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
JMC Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
CTE 200 Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Reprographics & Cosmetology Renovation	Welders	0	0.00	46	0.45
Technology Center Renovation	Welders	0	0.00	46	0.45
Central Plant Renovation	Welders	1	4.00	46	0.45
JMC Renovation	Welders	0	0.00	46	0.45
CTE 200 Renovation	Welders	0	0.00	46	0.45
Technology Center Renovation	Air Compressors	1	4.00	78	0.48
Student Center Renovation	Air Compressors	1	4.00	78	0.48
JMC Renovation	Air Compressors	1	4.00	78	0.48

CTE 200 Renovation	Air Compressors	1	4.00	78	0.48
Reprographics & Cosmetology Renovation	Air Compressors	1	4.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Student Center Renovation	4	29.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Reprographics & Cosmetology Renovation	4	13.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT
Technology Center Renovation	4	34.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT
Central Plant Renovation	4	10.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT
JMC Renovation	4	15.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT
CTE 200 Renovation	4	18.00	2.00	0.00	10.80	25.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 2021

Phase not used

3.3 Site Preparation - 2021

Phase not used

3.4 Grading - 2021

Phase not used

3.5 Student Center Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.1096	0.0862	1.60E-04		5.70E-03	5.70E-03		5.35E-03	5.35E-03	0	13.8003	13.8003	3.51E-03	0	13.8881
Total	**0.0112**	**0.1096**	**0.0862**	**1.60E-04**		**5.70E-03**	**5.70E-03**		**5.35E-03**	**5.35E-03**	**0**	**13.8003**	**13.8003**	**3.51E-03**	**0**	**13.8881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.40E-04	9.37E-03	2.47E-03	4.00E-05	9.90E-04	3.00E-05	1.02E-03	2.90E-04	3.00E-05	3.20E-04	0	3.3589	3.3589	1.00E-04	0	3.3614
Worker	1.97E-03	1.36E-03	0.0146	5.00E-05	5.06E-03	3.00E-05	5.09E-03	1.35E-03	3.00E-05	1.38E-03	0	4.1887	4.1887	1.00E-04	0	4.1911
Total	**2.31E-03**	**0.0107**	**0.0171**	**9.00E-05**	**6.05E-03**	**6.00E-05**	**6.11E-03**	**1.64E-03**	**6.00E-05**	**1.70E-03**	**0**	**7.5476**	**7.5476**	**2.00E-04**	**0**	**7.5525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.84E-03	7.98E-03	0.094	1.60E-04		2.50E-04	2.50E-04		2.50E-04	2.50E-04	0	13.8003	13.8003	3.51E-03	0	13.8881
Total	**1.84E-03**	**7.98E-03**	**0.094**	**1.60E-04**		**2.50E-04**	**2.50E-04**		**2.50E-04**	**2.50E-04**	**0**	**13.8003**	**13.8003**	**3.51E-03**	**0**	**13.8881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.40E-04	9.37E-03	2.47E-03	4.00E-05	9.90E-04	3.00E-05	1.02E-03	2.90E-04	3.00E-05	3.20E-04	0	3.3589	3.3589	1.00E-04	0	3.3614
Worker	1.97E-03	1.36E-03	0.0146	5.00E-05	5.06E-03	3.00E-05	5.09E-03	1.35E-03	3.00E-05	1.38E-03	0	4.1887	4.1887	1.00E-04	0	4.1911
Total	**2.31E-03**	**0.0107**	**0.0171**	**9.00E-05**	**6.05E-03**	**6.00E-05**	**6.11E-03**	**1.64E-03**	**6.00E-05**	**1.70E-03**	**0**	**7.5476**	**7.5476**	**2.00E-04**	**0**	**7.5525**

3.6 Paving - 2022

Phase not used

3.7 Architectural Coating - 2022

Phase not used

3.8 Central Plant Renovation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0397	0.3632	0.2745	5.00E-04		0.018	0.018		0.0168	0.0168	0	42.441	42.441	0.0123	0	42.7491
Total	**0.0397**	**0.3632**	**0.2745**	**5.00E-04**		**0.018**	**0.018**		**0.0168**	**0.0168**	**0**	**42.441**	**42.441**	**0.0123**	**0**	**42.7491**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.18E-03	0.0328	8.64E-03	1.20E-04	3.46E-03	1.10E-04	3.57E-03	1.00E-03	1.10E-04	1.10E-03	0	11.7562	11.7562	3.40E-04	0	11.7647
Worker	2.37E-03	1.64E-03	0.0176	6.00E-05	6.11E-03	4.00E-05	6.15E-03	1.62E-03	4.00E-05	1.66E-03	0	5.0554	5.0554	1.10E-04	0	5.0583
Total	**3.55E-03**	**0.0344**	**0.0263**	**1.80E-04**	**9.57E-03**	**1.50E-04**	**9.72E-03**	**2.62E-03**	**1.50E-04**	**2.76E-03**	**0**	**16.8115**	**16.8115**	**4.50E-04**	**0**	**16.823**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.60E-03	0.06	0.2926	5.00E-04		7.70E-04	7.70E-04		7.70E-04	7.70E-04	0	42.4409	42.4409	0.0123	0	42.7491
Total	**6.60E-03**	**0.06**	**0.2926**	**5.00E-04**		**7.70E-04**	**7.70E-04**		**7.70E-04**	**7.70E-04**	**0**	**42.4409**	**42.4409**	**0.0123**	**0**	**42.7491**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.18E-03	0.0328	8.64E-03	1.20E-04	3.46E-03	1.10E-04	3.57E-03	1.00E-03	1.10E-04	1.10E-03	0	11.7562	11.7562	3.40E-04	0	11.7647
Worker	2.37E-03	1.64E-03	0.0176	6.00E-05	6.11E-03	4.00E-05	6.15E-03	1.62E-03	4.00E-05	1.66E-03	0	5.0554	5.0554	1.10E-04	0	5.0583
Total	**3.55E-03**	**0.0344**	**0.0263**	**1.80E-04**	**9.57E-03**	**1.50E-04**	**9.72E-03**	**2.62E-03**	**1.50E-04**	**2.76E-03**	**0**	**16.8115**	**16.8115**	**4.50E-04**	**0**	**16.823**

3.8 Central Plant Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.74E-03	0.088	0.0733	1.40E-04		4.18E-03	4.18E-03		3.89E-03	3.89E-03	0	11.5789	11.5789	3.34E-03	0	11.6625
Total	**9.74E-03**	**0.088**	**0.0733**	**1.40E-04**		**4.18E-03**	**4.18E-03**		**3.89E-03**	**3.89E-03**	**0**	**11.5789**	**11.5789**	**3.34E-03**	**0**	**11.6625**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.00E-04	8.28E-03	2.24E-03	3.00E-05	9.40E-04	3.00E-05	9.70E-04	2.70E-04	3.00E-05	3.00E-04	0	3.1751	3.1751	9.00E-05	0	3.1773
Worker	6.00E-04	4.00E-04	4.42E-03	1.00E-05	1.67E-03	1.00E-05	1.68E-03	4.40E-04	1.00E-05	4.50E-04	0	1.3287	1.3287	3.00E-05	0	1.3294
Total	**9.00E-04**	**8.68E-03**	**6.66E-03**	**4.00E-05**	**2.61E-03**	**4.00E-05**	**2.65E-03**	**7.10E-04**	**4.00E-05**	**7.50E-04**	**0**	**4.5037**	**4.5037**	**1.20E-04**	**0**	**4.5067**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.80E-03	0.0164	0.0798	1.40E-04		2.10E-04	2.10E-04		2.10E-04	2.10E-04	0	11.5789	11.5789	3.34E-03	0	11.6625
Total	**1.80E-03**	**0.0164**	**0.0798**	**1.40E-04**		**2.10E-04**	**2.10E-04**		**2.10E-04**	**2.10E-04**	**0**	**11.5789**	**11.5789**	**3.34E-03**	**0**	**11.6625**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.00E-04	8.28E-03	2.24E-03	3.00E-05	9.40E-04	3.00E-05	9.70E-04	2.70E-04	3.00E-05	3.00E-04	0	3.1751	3.1751	9.00E-05	0	3.1773
Worker	6.00E-04	4.00E-04	4.42E-03	1.00E-05	1.67E-03	1.00E-05	1.68E-03	4.40E-04	1.00E-05	4.50E-04	0	1.3287	1.3287	3.00E-05	0	1.3294
Total	**9.00E-04**	**8.68E-03**	**6.66E-03**	**4.00E-05**	**2.61E-03**	**4.00E-05**	**2.65E-03**	**7.10E-04**	**4.00E-05**	**7.50E-04**	**0**	**4.5037**	**4.5037**	**1.20E-04**	**0**	**4.5067**

3.9 JMC Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.08E-03	0.0484	0.0424	8.00E-05		2.43E-03	2.43E-03		2.29E-03	2.29E-03	0	6.9023	6.9023	1.75E-03	0	6.946
Total	**5.08E-03**	**0.0484**	**0.0424**	**8.00E-05**		**2.43E-03**	**2.43E-03**		**2.29E-03**	**2.29E-03**	**0**	**6.9023**	**6.9023**	**1.75E-03**	**0**	**6.946**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.60E-04	4.34E-03	1.17E-03	2.00E-05	4.90E-04	1.00E-05	5.10E-04	1.40E-04	1.00E-05	1.60E-04	0	1.6631	1.6631	5.00E-05	0	1.6643
Worker	4.70E-04	3.20E-04	3.47E-03	1.00E-05	1.31E-03	1.00E-05	1.32E-03	3.50E-04	1.00E-05	3.60E-04	0	1.0439	1.0439	2.00E-05	0	1.0445
Total	**6.30E-04**	**4.66E-03**	**4.64E-03**	**3.00E-05**	**1.80E-03**	**2.00E-05**	**1.83E-03**	**4.90E-04**	**2.00E-05**	**5.20E-04**	**0**	**2.7071**	**2.7071**	**7.00E-05**	**0**	**2.7088**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.20E-04	3.99E-03	0.047	8.00E-05		1.20E-04	1.20E-04		1.20E-04	1.20E-04	0	6.9023	6.9023	1.75E-03	0	6.946
Total	**9.20E-04**	**3.99E-03**	**0.047**	**8.00E-05**		**1.20E-04**	**1.20E-04**		**1.20E-04**	**1.20E-04**	**0**	**6.9023**	**6.9023**	**1.75E-03**	**0**	**6.946**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.60E-04	4.34E-03	1.17E-03	2.00E-05	4.90E-04	1.00E-05	5.10E-04	1.40E-04	1.00E-05	1.60E-04	0	1.6631	1.6631	5.00E-05	0	1.6643
Worker	4.70E-04	3.20E-04	3.47E-03	1.00E-05	1.31E-03	1.00E-05	1.32E-03	3.50E-04	1.00E-05	3.60E-04	0	1.0439	1.0439	2.00E-05	0	1.0445
Total	**6.30E-04**	**4.66E-03**	**4.64E-03**	**3.00E-05**	**1.80E-03**	**2.00E-05**	**1.83E-03**	**4.90E-04**	**2.00E-05**	**5.20E-04**	**0**	**2.7071**	**2.7071**	**7.00E-05**	**0**	**2.7088**

3.9 JMC Renovation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0327	0.3058	0.2898	5.50E-04		0.0148	0.0148		0.0139	0.0139	0	47.7	47.7	0.012	0	48.0004
Total	**0.0327**	**0.3058**	**0.2898**	**5.50E-04**		**0.0148**	**0.0148**		**0.0139**	**0.0139**	**0**	**47.7**	**47.7**	**0.012**	**0**	**48.0004**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.10E-04	0.0204	7.28E-03	1.20E-04	3.42E-03	4.00E-05	3.46E-03	9.90E-04	4.00E-05	1.03E-03	0	11.1812	11.1812	3.00E-04	0	11.1886
Worker	3.07E-03	1.96E-03	0.0221	8.00E-05	9.04E-03	5.00E-05	9.10E-03	2.40E-03	5.00E-05	2.45E-03	0	6.9387	6.9387	1.40E-04	0	6.9422
Total	**3.88E-03**	**0.0223**	**0.0293**	**2.00E-04**	**0.0125**	**9.00E-05**	**0.0126**	**3.39E-03**	**9.00E-05**	**3.48E-03**	**0**	**18.12**	**18.12**	**4.40E-04**	**0**	**18.1308**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.36E-03	0.0276	0.3248	5.50E-04		8.50E-04	8.50E-04		8.50E-04	8.50E-04	0	47.6999	47.6999	0.012	0	48.0004
Total	**6.36E-03**	**0.0276**	**0.3248**	**5.50E-04**		**8.50E-04**	**8.50E-04**		**8.50E-04**	**8.50E-04**	**0**	**47.6999**	**47.6999**	**0.012**	**0**	**48.0004**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.10E-04	0.0204	7.28E-03	1.20E-04	3.42E-03	4.00E-05	3.46E-03	9.90E-04	4.00E-05	1.03E-03	0	11.1812	11.1812	3.00E-04	0	11.1886
Worker	3.07E-03	1.96E-03	0.0221	8.00E-05	9.04E-03	5.00E-05	9.10E-03	2.40E-03	5.00E-05	2.45E-03	0	6.9387	6.9387	1.40E-04	0	6.9422
Total	**3.88E-03**	**0.0223**	**0.0293**	**2.00E-04**	**0.0125**	**9.00E-05**	**0.0126**	**3.39E-03**	**9.00E-05**	**3.48E-03**	**0**	**18.12**	**18.12**	**4.40E-04**	**0**	**18.1308**

3.10 CTE 200 Renovation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0307	0.2924	0.2561	4.80E-04		0.0147	0.0147		0.0138	0.0138	0	41.7277	41.7277	0.0106	0	41.9919
Total	**0.0307**	**0.2924**	**0.2561**	**4.80E-04**		**0.0147**	**0.0147**		**0.0138**	**0.0138**	**0**	**41.7277**	**41.7277**	**0.0106**	**0**	**41.9919**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.60E-04	0.0262	7.09E-03	1.00E-04	2.99E-03	8.00E-05	3.07E-03	8.60E-04	8.00E-05	9.40E-04	0	10.0544	10.0544	2.90E-04	0	10.0616
Worker	3.44E-03	2.29E-03	0.0252	8.00E-05	9.49E-03	6.00E-05	9.55E-03	2.52E-03	5.00E-05	2.58E-03	0	7.5733	7.5733	1.60E-04	0	7.5774
Total	**4.40E-03**	**0.0285**	**0.0323**	**1.80E-04**	**0.0125**	**1.40E-04**	**0.0126**	**3.38E-03**	**1.30E-04**	**3.52E-03**	**0**	**17.6277**	**17.6277**	**4.50E-04**	**0**	**17.6389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.56E-03	0.0241	0.2842	4.80E-04		7.40E-04	7.40E-04		7.40E-04	7.40E-04	0	41.7276	41.7276	0.0106	0	41.9919
Total	**5.56E-03**	**0.0241**	**0.2842**	**4.80E-04**		**7.40E-04**	**7.40E-04**		**7.40E-04**	**7.40E-04**	**0**	**41.7276**	**41.7276**	**0.0106**	**0**	**41.9919**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.60E-04	0.0262	7.09E-03	1.00E-04	2.99E-03	8.00E-05	3.07E-03	8.60E-04	8.00E-05	9.40E-04	0	10.0544	10.0544	2.90E-04	0	10.0616
Worker	3.44E-03	2.29E-03	0.0252	8.00E-05	9.49E-03	6.00E-05	9.55E-03	2.52E-03	5.00E-05	2.58E-03	0	7.5733	7.5733	1.60E-04	0	7.5774
Total	**4.40E-03**	**0.0285**	**0.0323**	**1.80E-04**	**0.0125**	**1.40E-04**	**0.0126**	**3.38E-03**	**1.30E-04**	**3.52E-03**	**0**	**17.6277**	**17.6277**	**4.50E-04**	**0**	**17.6389**

3.11 Reprographics & Cosmetology Renovation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.2835	0.2874	5.50E-04		0.0131	0.0131		0.0123	0.0123	0	47.7061	47.7061	0.012	0	48.0055
Total	**0.0308**	**0.2835**	**0.2874**	**5.50E-04**		**0.0131**	**0.0131**		**0.0123**	**0.0123**	**0**	**47.7061**	**47.7061**	**0.012**	**0**	**48.0055**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	7.90E-04	0.02	7.10E-03	1.20E-04	3.42E-03	4.00E-05	3.46E-03	9.90E-04	4.00E-05	1.03E-03	0	11.1198	11.1198	2.90E-04	0	11.1271
Worker	2.50E-03	1.54E-03	0.0177	6.00E-05	7.84E-03	5.00E-05	7.88E-03	2.08E-03	4.00E-05	2.13E-03	0	5.7774	5.7774	1.10E-04	0	5.78
Total	**3.29E-03**	**0.0216**	**0.0248**	**1.80E-04**	**0.0113**	**9.00E-05**	**0.0113**	**3.07E-03**	**8.00E-05**	**3.16E-03**	**0**	**16.8972**	**16.8972**	**4.00E-04**	**0**	**16.9072**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.36E-03	0.0276	0.3248	5.50E-04		8.50E-04	8.50E-04		8.50E-04	8.50E-04	0	47.7061	47.7061	0.012	0	48.0054
Total	**6.36E-03**	**0.0276**	**0.3248**	**5.50E-04**		**8.50E-04**	**8.50E-04**		**8.50E-04**	**8.50E-04**	**0**	**47.7061**	**47.7061**	**0.012**	**0**	**48.0054**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	7.90E-04	0.02	7.10E-03	1.20E-04	3.42E-03	4.00E-05	3.46E-03	9.90E-04	4.00E-05	1.03E-03	0	11.1198	11.1198	2.90E-04	0	11.1271
Worker	2.50E-03	1.54E-03	0.0177	6.00E-05	7.84E-03	5.00E-05	7.88E-03	2.08E-03	4.00E-05	2.13E-03	0	5.7774	5.7774	1.10E-04	0	5.78
Total	**3.29E-03**	**0.0216**	**0.0248**	**1.80E-04**	**0.0113**	**9.00E-05**	**0.0113**	**3.07E-03**	**8.00E-05**	**3.16E-03**	**0**	**16.8972**	**16.8972**	**4.00E-04**	**0**	**16.9072**

3.11 Reprographics & Cosmetology Renovation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.37E-03	0.0394	0.0432	8.00E-05		1.73E-03	1.73E-03		1.63E-03	1.63E-03	0	7.2203	7.2203	1.81E-03	0	7.2655
Total	**4.37E-03**	**0.0394**	**0.0432**	**8.00E-05**		**1.73E-03**	**1.73E-03**		**1.63E-03**	**1.63E-03**	**0**	**7.2203**	**7.2203**	**1.81E-03**	**0**	**7.2655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.20E-04	2.98E-03	1.05E-03	2.00E-05	5.20E-04	1.00E-05	5.20E-04	1.50E-04	1.00E-05	1.60E-04	0	1.6734	1.6734	4.00E-05	0	1.6745
Worker	3.60E-04	2.10E-04	2.48E-03	1.00E-05	1.19E-03	1.00E-05	1.19E-03	3.20E-04	1.00E-05	3.20E-04	0	0.8389	0.8389	1.00E-05	0	0.8392
Total	**4.80E-04**	**3.19E-03**	**3.53E-03**	**3.00E-05**	**1.71E-03**	**2.00E-05**	**1.71E-03**	**4.70E-04**	**2.00E-05**	**4.80E-04**	**0**	**2.5123**	**2.5123**	**5.00E-05**	**0**	**2.5137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.60E-04	4.17E-03	0.0491	8.00E-05		1.30E-04	1.30E-04		1.30E-04	1.30E-04	0	7.2203	7.2203	1.81E-03	0	7.2655
Total	**9.60E-04**	**4.17E-03**	**0.0491**	**8.00E-05**		**1.30E-04**	**1.30E-04**		**1.30E-04**	**1.30E-04**	**0**	**7.2203**	**7.2203**	**1.81E-03**	**0**	**7.2655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.20E-04	2.98E-03	1.05E-03	2.00E-05	5.20E-04	1.00E-05	5.20E-04	1.50E-04	1.00E-05	1.60E-04	0	1.6734	1.6734	4.00E-05	0	1.6745
Worker	3.60E-04	2.10E-04	2.48E-03	1.00E-05	1.19E-03	1.00E-05	1.19E-03	3.20E-04	1.00E-05	3.20E-04	0	0.8389	0.8389	1.00E-05	0	0.8392
Total	**4.80E-04**	**3.19E-03**	**3.53E-03**	**3.00E-05**	**1.71E-03**	**2.00E-05**	**1.71E-03**	**4.70E-04**	**2.00E-05**	**4.80E-04**	**0**	**2.5123**	**2.5123**	**5.00E-05**	**0**	**2.5137**

3.12 Technology Center Renovation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0125	0.113	0.124	2.40E-04		4.97E-03	4.97E-03		4.66E-03	4.66E-03	0	20.7191	20.7191	5.19E-03	0	20.8489
Total	**0.0125**	**0.113**	**0.124**	**2.40E-04**		**4.97E-03**	**4.97E-03**		**4.66E-03**	**4.66E-03**	**0**	**20.7191**	**20.7191**	**5.19E-03**	**0**	**20.8489**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.40E-04	8.54E-03	3.03E-03	5.00E-05	1.48E-03	2.00E-05	1.50E-03	4.30E-04	2.00E-05	4.40E-04	0	4.8019	4.8019	1.30E-04	0	4.8051
Worker	2.69E-03	1.59E-03	0.0187	7.00E-05	8.90E-03	5.00E-05	8.95E-03	2.37E-03	5.00E-05	2.41E-03	0	6.2956	6.2956	1.10E-04	0	6.2983
Total	**3.03E-03**	**0.0101**	**0.0217**	**1.20E-04**	**0.0104**	**7.00E-05**	**0.0105**	**2.80E-03**	**7.00E-05**	**2.85E-03**	**0**	**11.0975**	**11.0975**	**2.40E-04**	**0**	**11.1035**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.76E-03	0.012	0.141	2.40E-04		3.70E-04	3.70E-04		3.70E-04	3.70E-04	0	20.7191	20.7191	5.19E-03	0	20.8489
Total	**2.76E-03**	**0.012**	**0.141**	**2.40E-04**		**3.70E-04**	**3.70E-04**		**3.70E-04**	**3.70E-04**	**0**	**20.7191**	**20.7191**	**5.19E-03**	**0**	**20.8489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.40E-04	8.54E-03	3.03E-03	5.00E-05	1.48E-03	2.00E-05	1.50E-03	4.30E-04	2.00E-05	4.40E-04	0	4.8019	4.8019	1.30E-04	0	4.8051
Worker	2.69E-03	1.59E-03	0.0187	7.00E-05	8.90E-03	5.00E-05	8.95E-03	2.37E-03	5.00E-05	2.41E-03	0	6.2956	6.2956	1.10E-04	0	6.2983
Total	**3.03E-03**	**0.0101**	**0.0217**	**1.20E-04**	**0.0104**	**7.00E-05**	**0.0105**	**2.80E-03**	**7.00E-05**	**2.85E-03**	**0**	**11.0975**	**11.0975**	**2.40E-04**	**0**	**11.1035**

3.12 Technology Center Renovation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0123	0.1113	0.1221	2.30E-04		4.90E-03	4.90E-03		4.59E-03	4.59E-03	0	20.4052	20.4052	5.11E-03	0	20.533
Total	**0.0123**	**0.1113**	**0.1221**	**2.30E-04**		**4.90E-03**	**4.90E-03**		**4.59E-03**	**4.59E-03**	**0**	**20.4052**	**20.4052**	**5.11E-03**	**0**	**20.533**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.20E-04	8.26E-03	2.94E-03	5.00E-05	1.46E-03	2.00E-05	1.48E-03	4.20E-04	2.00E-05	4.40E-04	0	4.7051	4.7051	1.20E-04	0	4.7082
Worker	2.52E-03	1.43E-03	0.0171	7.00E-05	8.76E-03	5.00E-05	8.81E-03	2.33E-03	5.00E-05	2.38E-03	0	5.9707	5.9707	1.00E-04	0	5.9732
Total	**2.84E-03**	**9.69E-03**	**0.0201**	**1.20E-04**	**0.0102**	**7.00E-05**	**0.0103**	**2.75E-03**	**7.00E-05**	**2.82E-03**	**0**	**10.6758**	**10.6758**	**2.20E-04**	**0**	**10.6814**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.72E-03	0.0118	0.1389	2.30E-04		3.60E-04	3.60E-04		3.60E-04	3.60E-04	0	20.4052	20.4052	5.11E-03	0	20.533
Total	**2.72E-03**	**0.0118**	**0.1389**	**2.30E-04**		**3.60E-04**	**3.60E-04**		**3.60E-04**	**3.60E-04**	**0**	**20.4052**	**20.4052**	**5.11E-03**	**0**	**20.533**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.20E-04	8.26E-03	2.94E-03	5.00E-05	1.46E-03	2.00E-05	1.48E-03	4.20E-04	2.00E-05	4.40E-04	0	4.7051	4.7051	1.20E-04	0	4.7082
Worker	2.52E-03	1.43E-03	0.0171	7.00E-05	8.76E-03	5.00E-05	8.81E-03	2.33E-03	5.00E-05	2.38E-03	0	5.9707	5.9707	1.00E-04	0	5.9732
Total	**2.84E-03**	**9.69E-03**	**0.0201**	**1.20E-04**	**0.0102**	**7.00E-05**	**0.0103**	**2.75E-03**	**7.00E-05**	**2.82E-03**	**0**	**10.6758**	**10.6758**	**2.20E-04**	**0**	**10.6814**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

SJCC FMP - Phase 1b

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	122.80	1000sqft	1.10	122,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Approximate site area of new CTE building

Construction Phase - Demolition schedule provided by applicant. CalEEMod defaults for new construction adjusted based on construction duration provided by applicant.

Grading - Import/export volumes provide in response to RFI

Demolition - Area of Applied Sciences Building D, as estimated using Google Earth

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment assumed for mitigation of health risk

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	21.00

tblConstructionPhase	NumDays	200.00	405.00
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	4.00	8.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	4.00
tblConstructionPhase	PhaseEndDate	5/10/2022	3/1/2024
tblConstructionPhase	PhaseEndDate	4/12/2022	1/4/2024
tblConstructionPhase	PhaseEndDate	6/28/2021	8/1/2021
tblConstructionPhase	PhaseEndDate	7/6/2021	6/16/2022
tblConstructionPhase	PhaseEndDate	4/26/2022	2/1/2024
tblConstructionPhase	PhaseEndDate	6/30/2021	6/6/2022
tblConstructionPhase	PhaseStartDate	4/27/2022	2/2/2024
tblConstructionPhase	PhaseStartDate	7/7/2021	6/17/2022
tblConstructionPhase	PhaseStartDate	7/1/2021	6/7/2022
tblConstructionPhase	PhaseStartDate	4/13/2022	1/5/2024
tblConstructionPhase	PhaseStartDate	6/29/2021	6/1/2022
tblGrading	AcresOfGrading	3.00	1.10
tblGrading	AcresOfGrading	2.00	1.10
tblGrading	MaterialExported	0.00	3,400.00
tblGrading	MaterialImported	0.00	3,400.00
tblLandUse	LotAcreage	2.82	1.10
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	11.23	0.00
tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	27.49	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0448	0.4357	0.3258	5.60E-04	3.77E-03	0.0229	0.0267	8.40E-04	0.0214	0.0222	0	48.7241	48.7241	0.0119	0	49.0221
2022	0.1413	1.2072	1.0739	2.61E-03	0.0761	0.0456	0.1217	0.0284	0.0439	0.0723	0	227.2318	227.2318	0.0283	0	227.9396
2023	0.2222	1.7254	1.8304	4.00E-03	0.0707	0.0674	0.1382	0.0192	0.0651	0.0843	0	342.0312	342.0312	0.0433	0	343.1133
2024	0.6522	0.097	0.1393	2.40E-04	2.95E-03	4.37E-03	7.32E-03	7.90E-04	4.12E-03	4.91E-03	0	21.0599	21.0599	4.56E-03	0	21.1739
Maximum	**0.6522**	**1.7254**	**1.8304**	**4.00E-03**	**0.0761**	**0.0674**	**0.1382**	**0.0284**	**0.0651**	**0.0843**	**0**	**342.0312**	**342.0312**	**0.0433**	**0**	**343.1133**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	7.12E-03	0.0291	0.3307	5.60E-04	3.77E-03	8.40E-04	4.61E-03	8.40E-04	8.40E-04	1.69E-03	0	48.7241	48.7241	0.0119	0	49.022
2022	0.0399	0.515	1.11	2.61E-03	0.0761	3.05E-03	0.0791	0.0284	3.01E-03	0.0314	0	227.2316	227.2316	0.0283	0	227.9394
2023	0.0623	0.6856	1.8971	4.00E-03	0.0707	4.49E-03	0.0752	0.0192	4.45E-03	0.0237	0	342.0309	342.0309	0.0433	0	343.1131
2024	0.6438	0.0191	0.151	2.40E-04	2.95E-03	3.30E-04	3.29E-03	7.90E-04	3.30E-04	1.12E-03	0	21.0599	21.0599	4.56E-03	0	21.1739
Maximum	**0.6438**	**0.6856**	**1.8971**	**4.00E-03**	**0.0761**	**4.49E-03**	**0.0791**	**0.0284**	**4.45E-03**	**0.0314**	**0**	**342.0309**	**342.0309**	**0.0433**	**0**	**343.1131**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**28.99**	**63.96**	**-3.54**	**0.00**	**0.00**	**93.79**	**44.78**	**0.00**	**93.58**	**68.50**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**6-1-2021**	**8-31-2021**	0.4835	0.0364
5	**6-1-2022**	**8-31-2022**	0.6199	0.2693

6	**9-1-2022**	**11-30-2022**	0.5334	0.2036
7	**12-1-2022**	**2-28-2023**	0.4980	0.1912
8	**3-1-2023**	**5-31-2023**	0.4921	0.1889
9	**6-1-2023**	**8-31-2023**	0.4917	0.1885
10	**9-1-2023**	**11-30-2023**	0.4872	0.1873
11	**12-1-2023**	**2-29-2024**	0.8761	0.6931
12	**3-1-2024**	**5-31-2024**	0.0223	0.0219
		Highest	0.8761	0.6931

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2021	8/1/2021	5	44	
2	Site Preparation	Site Preparation	6/1/2022	6/6/2022	5	4	
3	Grading	Grading	6/7/2022	6/16/2022	5	8	
4	Building Construction	Building Construction	6/17/2022	1/4/2024	5	405	
5	Paving	Paving	1/5/2024	2/1/2024	5	20	
6	Architectural Coating	Architectural Coating	2/2/2024	3/1/2024	5	21	

Acres of Grading (Site Preparation Phase): 1.1

Acres of Grading (Grading Phase): 1.1

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 184,200; Non-Residential Outdoor: 61,400; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	13.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	850.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	52.00	20.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.39E-03	0	1.39E-03	2.10E-04	0	2.10E-04	0	0	0	0	0	0
Off-Road	0.0439	0.4333	0.3188	5.30E-04		0.0229	0.0229		0.0214	0.0214	0	46.3569	46.3569	0.0119	0	46.6533
Total	**0.0439**	**0.4333**	**0.3188**	**5.30E-04**	**1.39E-03**	**0.0229**	**0.0243**	**2.10E-04**	**0.0214**	**0.0216**	**0**	**46.3569**	**46.3569**	**0.0119**	**0**	**46.6533**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.00E-05	1.74E-03	3.80E-04	1.00E-05	1.10E-04	1.00E-05	1.20E-04	3.00E-05	1.00E-05	4.00E-05	0	0.4895	0.4895	2.00E-05	0	0.49
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	8.80E-04	6.10E-04	6.54E-03	2.00E-05	2.27E-03	1.00E-05	2.28E-03	6.00E-04	1.00E-05	6.20E-04	0	1.8777	1.8777	4.00E-05	0	1.8788
Total	**9.30E-04**	**2.35E-03**	**6.92E-03**	**3.00E-05**	**2.38E-03**	**2.00E-05**	**2.40E-03**	**6.30E-04**	**2.00E-05**	**6.60E-04**	**0**	**2.3672**	**2.3672**	**6.00E-05**	**0**	**2.3688**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					1.39E-03	0	1.39E-03	2.10E-04	0	2.10E-04	0	0	0	0	0	0
Off-Road	6.18E-03	0.0268	0.3238	5.30E-04		8.20E-04	8.20E-04		8.20E-04	8.20E-04	0	46.3569	46.3569	0.0119	0	46.6532
Total	**6.18E-03**	**0.0268**	**0.3238**	**5.30E-04**	**1.39E-03**	**8.20E-04**	**2.21E-03**	**2.10E-04**	**8.20E-04**	**1.03E-03**	**0**	**46.3569**	**46.3569**	**0.0119**	**0**	**46.6532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.00E-05	1.74E-03	3.80E-04	1.00E-05	1.10E-04	1.00E-05	1.20E-04	3.00E-05	1.00E-05	4.00E-05	0	0.4895	0.4895	2.00E-05	0	0.49
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	8.80E-04	6.10E-04	6.54E-03	2.00E-05	2.27E-03	1.00E-05	2.28E-03	6.00E-04	1.00E-05	6.20E-04	0	1.8777	1.8777	4.00E-05	0	1.8788
Total	**9.30E-04**	**2.35E-03**	**6.92E-03**	**3.00E-05**	**2.38E-03**	**2.00E-05**	**2.40E-03**	**6.30E-04**	**2.00E-05**	**6.60E-04**	**0**	**2.3672**	**2.3672**	**6.00E-05**	**0**	**2.3688**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0111	0	0.0111	5.86E-03	0	5.86E-03	0	0	0	0	0	0
Off-Road	2.62E-03	0.0293	0.0142	3.00E-05		1.25E-03	1.25E-03		1.15E-03	1.15E-03	0	3.0231	3.0231	9.80E-04	0	3.0475
Total	**2.62E-03**	**0.0293**	**0.0142**	**3.00E-05**	**0.0111**	**1.25E-03**	**0.0124**	**5.86E-03**	**1.15E-03**	**7.01E-03**	**0**	**3.0231**	**3.0231**	**9.80E-04**	**0**	**3.0475**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	5.00E-05	3.00E-05	3.40E-04	0	1.30E-04	0	1.30E-04	3.00E-05	0	3.00E-05	0	0.1012	0.1012	0	0	0.1013
Total	**5.00E-05**	**3.00E-05**	**3.40E-04**	**0**	**1.30E-04**	**0**	**1.30E-04**	**3.00E-05**	**0**	**3.00E-05**	**0**	**0.1012**	**0.1012**	**0**	**0**	**0.1013**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0111	0	0.0111	5.86E-03	0	5.86E-03	0	0	0	0	0	0
Off-Road	4.20E-04	1.83E-03	0.0173	3.00E-05		6.00E-05	6.00E-05		6.00E-05	6.00E-05	0	3.0231	3.0231	9.80E-04	0	3.0475
Total	**4.20E-04**	**1.83E-03**	**0.0173**	**3.00E-05**	**0.0111**	**6.00E-05**	**0.0112**	**5.86E-03**	**6.00E-05**	**5.92E-03**	**0**	**3.0231**	**3.0231**	**9.80E-04**	**0**	**3.0475**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	5.00E-05	3.00E-05	3.40E-04	0	1.30E-04	0	1.30E-04	3.00E-05	0	3.00E-05	0	0.1012	0.1012	0	0	0.1013
Total	**5.00E-05**	**3.00E-05**	**3.40E-04**	**0**	**1.30E-04**	**0**	**1.30E-04**	**3.00E-05**	**0**	**3.00E-05**	**0**	**0.1012**	**0.1012**	**0**	**0**	**0.1013**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.019	0	0.019	0.0101	0	0.0101	0	0	0	0	0	0
Off-Road	4.33E-03	0.048	0.0237	6.00E-05		2.07E-03	2.07E-03		1.90E-03	1.90E-03	0	4.9526	4.9526	1.60E-03	0	4.9926
Total	**4.33E-03**	**0.048**	**0.0237**	**6.00E-05**	**0.019**	**2.07E-03**	**0.0211**	**0.0101**	**1.90E-03**	**0.012**	**0**	**4.9526**	**4.9526**	**1.60E-03**	**0**	**4.9926**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.14E-03	0.1044	0.0243	3.30E-04	7.21E-03	3.00E-04	7.51E-03	1.98E-03	2.90E-04	2.27E-03	0	31.5724	31.5724	1.42E-03	0	31.6079
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	9.00E-05	6.00E-05	6.70E-04	0	2.50E-04	0	2.60E-04	7.00E-05	0	7.00E-05	0	0.2025	0.2025	0	0	0.2026
Total	**3.23E-03**	**0.1044**	**0.025**	**3.30E-04**	**7.46E-03**	**3.00E-04**	**7.77E-03**	**2.05E-03**	**2.90E-04**	**2.34E-03**	**0**	**31.7749**	**31.7749**	**1.42E-03**	**0**	**31.8105**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.019	0	0.019	0.0101	0	0.0101	0	0	0	0	0	0
Off-Road	6.90E-04	2.99E-03	0.0286	6.00E-05		9.00E-05	9.00E-05		9.00E-05	9.00E-05	0	4.9526	4.9526	1.60E-03	0	4.9926

Total	**6.90E-04**	**2.99E-03**	**0.0286**	**6.00E-05**	**0.019**	**9.00E-05**	**0.0191**	**0.0101**	**9.00E-05**	**0.0101**	**0**	**4.9526**	**4.9526**	**1.60E-03**	**0**	**4.9926**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.14E-03	0.1044	0.0243	3.30E-04	7.21E-03	3.00E-04	7.51E-03	1.98E-03	2.90E-04	2.27E-03	0	31.5724	31.5724	1.42E-03	0	31.6079
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	9.00E-05	6.00E-05	6.70E-04	0	2.50E-04	0	2.60E-04	7.00E-05	0	7.00E-05	0	0.2025	0.2025	0	0	0.2026
Total	**3.23E-03**	**0.1044**	**0.025**	**3.30E-04**	**7.46E-03**	**3.00E-04**	**7.77E-03**	**2.05E-03**	**2.90E-04**	**2.34E-03**	**0**	**31.7749**	**31.7749**	**1.42E-03**	**0**	**31.8105**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1162	0.8815	0.8972	1.55E-03		0.0415	0.0415		0.0401	0.0401	0	128.0117	128.0117	0.0223	0	128.5691
Total	**0.1162**	**0.8815**	**0.8972**	**1.55E-03**		**0.0415**	**0.0415**		**0.0401**	**0.0401**	**0**	**128.0117**	**128.0117**	**0.0223**	**0**	**128.5691**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	4.29E-03	0.137	0.0363	3.80E-04	9.28E-03	2.80E-04	9.56E-03	2.68E-03	2.70E-04	2.95E-03	0	36.1737	36.1737	1.52E-03	0	36.2117

Worker	0.0105	7.02E-03	0.0771	2.60E-04	0.0291	1.80E-04	0.0293	7.73E-03	1.60E-04	7.90E-03	0	23.1946	23.1946	4.90E-04	0	23.2068
Total	**0.0148**	**0.144**	**0.1134**	**6.40E-04**	**0.0384**	**4.60E-04**	**0.0388**	**0.0104**	**4.30E-04**	**0.0109**	**0**	**59.3683**	**59.3683**	**2.01E-03**	**0**	**59.4186**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0207	0.2617	0.9253	1.55E-03		2.14E-03	2.14E-03		2.14E-03	2.14E-03	0	128.0116	128.0116	0.0223	0	128.569
Total	**0.0207**	**0.2617**	**0.9253**	**1.55E-03**		**2.14E-03**	**2.14E-03**		**2.14E-03**	**2.14E-03**	**0**	**128.0116**	**128.0116**	**0.0223**	**0**	**128.569**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	4.29E-03	0.137	0.0363	3.80E-04	9.28E-03	2.80E-04	9.56E-03	2.68E-03	2.70E-04	2.95E-03	0	36.1737	36.1737	1.52E-03	0	36.2117
Worker	0.0105	7.02E-03	0.0771	2.60E-04	0.0291	1.80E-04	0.0293	7.73E-03	1.60E-04	7.90E-03	0	23.1946	23.1946	4.90E-04	0	23.2068
Total	**0.0148**	**0.144**	**0.1134**	**6.40E-04**	**0.0384**	**4.60E-04**	**0.0388**	**0.0104**	**4.30E-04**	**0.0109**	**0**	**59.3683**	**59.3683**	**2.01E-03**	**0**	**59.4186**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.198	1.5224	1.6394	2.87E-03		0.0669	0.0669		0.0646	0.0646	0	236.0789	236.0789	0.0401	0	237.0811

Total	**0.198**	**1.5224**	**1.6394**	**2.87E-03**		**0.0669**	**0.0669**		**0.0646**	**0.0646**	**0**	**236.0789**	**236.0789**	**0.0401**	**0**	**237.0811**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.96E-03	0.1914	0.0602	6.70E-04	0.0171	2.20E-04	0.0173	4.95E-03	2.10E-04	5.16E-03	0	64.8069	64.8069	2.39E-03	0	64.8665
Worker	0.0182	0.0116	0.1308	4.50E-04	0.0536	3.20E-04	0.0539	0.0143	3.00E-04	0.0146	0	41.1455	41.1455	8.10E-04	0	41.1658
Total	**0.0242**	**0.203**	**0.1909**	**1.12E-03**	**0.0707**	**5.40E-04**	**0.0713**	**0.0192**	**5.10E-04**	**0.0197**	**0**	**105.9523**	**105.9523**	**3.20E-03**	**0**	**106.0323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0381	0.4826	1.7061	2.87E-03		3.94E-03	3.94E-03		3.94E-03	3.94E-03	0	236.0786	236.0786	0.0401	0	237.0808
Total	**0.0381**	**0.4826**	**1.7061**	**2.87E-03**		**3.94E-03**	**3.94E-03**		**3.94E-03**	**3.94E-03**	**0**	**236.0786**	**236.0786**	**0.0401**	**0**	**237.0808**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.96E-03	0.1914	0.0602	6.70E-04	0.0171	2.20E-04	0.0173	4.95E-03	2.10E-04	5.16E-03	0	64.8069	64.8069	2.39E-03	0	64.8665

Worker	0.0182	0.0116	0.1308	4.50E-04	0.0536	3.20E-04	0.0539	0.0143	3.00E-04	0.0146	0	41.1455	41.1455	8.10E-04	0	41.1658
Total	**0.0242**	**0.203**	**0.1909**	**1.12E-03**	**0.0707**	**5.40E-04**	**0.0713**	**0.0192**	**5.10E-04**	**0.0197**	**0**	**105.9523**	**105.9523**	**3.20E-03**	**0**	**106.0323**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.84E-03	0.0221	0.025	4.00E-05		9.00E-04	9.00E-04		8.70E-04	8.70E-04	0	3.6322	3.6322	6.00E-04	0	3.6474
Total	**2.84E-03**	**0.0221**	**0.025**	**4.00E-05**		**9.00E-04**	**9.00E-04**		**8.70E-04**	**8.70E-04**	**0**	**3.6322**	**3.6322**	**6.00E-04**	**0**	**3.6474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.00E-05	2.91E-03	8.90E-04	1.00E-05	2.60E-04	0	2.70E-04	8.00E-05	0	8.00E-05	0	0.9904	0.9904	4.00E-05	0	0.9913
Worker	2.60E-04	1.60E-04	1.87E-03	1.00E-05	8.20E-04	0	8.30E-04	2.20E-04	0	2.20E-04	0	0.6081	0.6081	1.00E-05	0	0.6084
Total	**3.50E-04**	**3.07E-03**	**2.76E-03**	**2.00E-05**	**1.08E-03**	**0**	**1.10E-03**	**3.00E-04**	**0**	**3.00E-04**	**0**	**1.5985**	**1.5985**	**5.00E-05**	**0**	**1.5997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.90E-04	7.42E-03	0.0263	4.00E-05		6.00E-05	6.00E-05		6.00E-05	6.00E-05	0	3.6322	3.6322	6.00E-04	0	3.6473

Total	**5.90E-04**	**7.42E-03**	**0.0263**	**4.00E-05**		**6.00E-05**	**6.00E-05**		**6.00E-05**	**6.00E-05**	**0**	**3.6322**	**3.6322**	**6.00E-04**	**0**	**3.6473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.00E-05	2.91E-03	8.90E-04	1.00E-05	2.60E-04	0	2.70E-04	8.00E-05	0	8.00E-05	0	0.9904	0.9904	4.00E-05	0	0.9913
Worker	2.60E-04	1.60E-04	1.87E-03	1.00E-05	8.20E-04	0	8.30E-04	2.20E-04	0	2.20E-04	0	0.6081	0.6081	1.00E-05	0	0.6084
Total	**3.50E-04**	**3.07E-03**	**2.76E-03**	**2.00E-05**	**1.08E-03**	**0**	**1.10E-03**	**3.00E-04**	**0**	**3.00E-04**	**0**	**1.5985**	**1.5985**	**5.00E-05**	**0**	**1.5997**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.18E-03	0.0586	0.0883	1.40E-04		2.81E-03	2.81E-03		2.59E-03	2.59E-03	0	11.7741	11.7741	3.73E-03	0	11.8674
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**6.18E-03**	**0.0586**	**0.0883**	**1.40E-04**		**2.81E-03**	**2.81E-03**		**2.59E-03**	**2.59E-03**	**0**	**11.7741**	**11.7741**	**3.73E-03**	**0**	**11.8674**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.30E-04	2.00E-04	2.33E-03	1.00E-05	1.03E-03	1.00E-05	1.04E-03	2.70E-04	1.00E-05	2.80E-04	0	0.7602	0.7602	1.00E-05	0	0.7605
Total	**3.30E-04**	**2.00E-04**	**2.33E-03**	**1.00E-05**	**1.03E-03**	**1.00E-05**	**1.04E-03**	**2.70E-04**	**1.00E-05**	**2.80E-04**	**0**	**0.7602**	**0.7602**	**1.00E-05**	**0**	**0.7605**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.60E-03	6.92E-03	0.0985	1.40E-04		2.10E-04	2.10E-04		2.10E-04	2.10E-04	0	11.7741	11.7741	3.73E-03	0	11.8674
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**1.60E-03**	**6.92E-03**	**0.0985**	**1.40E-04**		**2.10E-04**	**2.10E-04**		**2.10E-04**	**2.10E-04**	**0**	**11.7741**	**11.7741**	**3.73E-03**	**0**	**11.8674**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.30E-04	2.00E-04	2.33E-03	1.00E-05	1.03E-03	1.00E-05	1.04E-03	2.70E-04	1.00E-05	2.80E-04	0	0.7602	0.7602	1.00E-05	0	0.7605
Total	**3.30E-04**	**2.00E-04**	**2.33E-03**	**1.00E-05**	**1.03E-03**	**1.00E-05**	**1.04E-03**	**2.70E-04**	**1.00E-05**	**2.80E-04**	**0**	**0.7602**	**0.7602**	**1.00E-05**	**0**	**0.7605**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Archit. Coating	0.6403					0	0		0	0	0	0	0	0	0	0
Off-Road	1.90E-03	0.0128	0.019	3.00E-05		6.40E-04	6.40E-04		6.40E-04	6.40E-04	0	2.6809	2.6809	1.50E-04	0	2.6847
Total	**0.6422**	**0.0128**	**0.019**	**3.00E-05**		**6.40E-04**	**6.40E-04**		**6.40E-04**	**6.40E-04**	**0**	**2.6809**	**2.6809**	**1.50E-04**	**0**	**2.6847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.70E-04	1.60E-04	1.88E-03	1.00E-05	8.30E-04	0	8.40E-04	2.20E-04	0	2.30E-04	0	0.614	0.614	1.00E-05	0	0.6143
Total	**2.70E-04**	**1.60E-04**	**1.88E-03**	**1.00E-05**	**8.30E-04**	**0**	**8.40E-04**	**2.20E-04**	**0**	**2.30E-04**	**0**	**0.614**	**0.614**	**1.00E-05**	**0**	**0.6143**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6403					0	0		0	0	0	0	0	0	0	0
Off-Road	3.10E-04	1.35E-03	0.0192	3.00E-05		4.00E-05	4.00E-05		4.00E-05	4.00E-05	0	2.6809	2.6809	1.50E-04	0	2.6847
Total	**0.6406**	**1.35E-03**	**0.0192**	**3.00E-05**		**4.00E-05**	**4.00E-05**		**4.00E-05**	**4.00E-05**	**0**	**2.6809**	**2.6809**	**1.50E-04**	**0**	**2.6847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.70E-04	1.60E-04	1.88E-03	1.00E-05	8.30E-04	0	8.40E-04	2.20E-04	0	2.30E-04	0	0.614	0.614	1.00E-05	0	0.6143
Total	**2.70E-04**	**1.60E-04**	**1.88E-03**	**1.00E-05**	**8.30E-04**	**0**	**8.40E-04**	**2.20E-04**	**0**	**2.30E-04**	**0**	**0.614**	**0.614**	**1.00E-05**	**0**	**0.6143**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

SJCC FMP - Phase 2a

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	104.46	1000sqft	2.40	104,461.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Site area as estimated using Google Earth

Construction Phase - Demolition schedule provided by applicant. New construction schedule was estimated using CalEEMod defaults and CTE building schedule and area.

Grading - Import/export volumes provided by applicant

Demolition - Total area of existing Business and GE buildings

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment assumed for mitigation of health risk

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	16.00
tblConstructionPhase	NumDays	220.00	345.00
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	6.00	9.00
tblConstructionPhase	NumDays	10.00	16.00
tblConstructionPhase	NumDays	3.00	5.00
tblConstructionPhase	PhaseEndDate	1/12/2027	7/31/2028
tblConstructionPhase	PhaseEndDate	12/15/2026	6/15/2028
tblConstructionPhase	PhaseEndDate	1/28/2026	9/30/2026
tblConstructionPhase	PhaseEndDate	2/10/2026	2/18/2027
tblConstructionPhase	PhaseEndDate	12/29/2026	7/7/2028
tblConstructionPhase	PhaseEndDate	2/2/2026	2/7/2027
tblConstructionPhase	PhaseStartDate	12/30/2026	7/8/2028
tblConstructionPhase	PhaseStartDate	2/11/2026	2/19/2027
tblConstructionPhase	PhaseStartDate	2/3/2026	2/8/2027
tblConstructionPhase	PhaseStartDate	12/16/2026	6/16/2028
tblConstructionPhase	PhaseStartDate	1/29/2026	2/1/2027
tblGrading	AcresOfGrading	4.50	2.40
tblGrading	AcresOfGrading	7.50	2.40
tblGrading	MaterialExported	0.00	6,000.00
tblGrading	MaterialImported	0.00	6,000.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	11.23	0.00
tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	27.49	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.1343	1.2837	1.3278	2.54E-03	0.0467	0.0533	0.0999	8.54E-03	0.0497	0.0583	0	223.542	223.542	0.0525	0	224.8536
2027	0.195	1.693	1.7967	4.29E-03	0.0956	0.0569	0.1526	0.0331	0.0544	0.0874	0	373.3659	373.3659	0.0517	0	374.6584
2028	0.6488	0.8569	1.0006	2.07E-03	0.0289	0.0314	0.0603	7.85E-03	0.0299	0.0378	0	176.745	176.745	0.0278	0	177.4392
Maximum	**0.6488**	**1.693**	**1.7967**	**4.29E-03**	**0.0956**	**0.0569**	**0.1526**	**0.0331**	**0.0544**	**0.0874**	**0**	**373.3659**	**373.3659**	**0.0525**	**0**	**374.6584**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.0311	0.1441	1.463	2.54E-03	0.0467	3.75E-03	0.0504	8.54E-03	3.75E-03	0.0123	0	223.5417	223.5417	0.0525	0	224.8534
2027	0.0576	0.6965	1.9198	4.29E-03	0.0956	4.80E-03	0.1004	0.0331	4.77E-03	0.0378	0	373.3656	373.3656	0.0517	0	374.6581
2028	0.574	0.3115	1.0664	2.07E-03	0.0289	2.54E-03	0.0315	7.85E-03	2.53E-03	0.0104	0	176.7448	176.7448	0.0278	0	177.439
Maximum	**0.574**	**0.6965**	**1.9198**	**4.29E-03**	**0.0956**	**4.80E-03**	**0.1004**	**0.0331**	**4.77E-03**	**0.0378**	**0**	**373.3656**	**373.3656**	**0.0525**	**0**	**374.6581**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**32.24**	**69.95**	**-7.86**	**0.00**	**0.00**	**92.17**	**41.71**	**0.00**	**91.76**	**67.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**1-1-2026**	**3-31-2026**	0.4676	0.0579
2	**4-1-2026**	**6-30-2026**	0.4725	0.0583
3	**7-1-2026**	**9-30-2026**	0.4777	0.0589
5	**1-1-2027**	**3-31-2027**	0.4022	0.1914

6	**4-1-2027**	**6-30-2027**	0.4833	0.1806
7	**7-1-2027**	**9-30-2027**	0.4886	0.1826
8	**10-1-2027**	**12-31-2027**	0.4895	0.1835
9	**1-1-2028**	**3-31-2028**	0.4834	0.1807
10	**4-1-2028**	**6-30-2028**	0.4473	0.1565
11	**7-1-2028**	**9-30-2028**	0.6158	0.5881
		Highest	0.6158	0.5881

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2026	9/30/2026	5	195	
2	Site Preparation	Site Preparation	2/1/2027	2/7/2027	5	5	
3	Grading	Grading	2/8/2027	2/18/2027	5	9	
4	Building Construction	Building Construction	2/19/2027	6/15/2028	5	345	
5	Paving	Paving	6/16/2028	7/7/2028	5	16	
6	Architectural Coating	Architectural Coating	7/8/2028	7/31/2028	5	16	

Acres of Grading (Site Preparation Phase): 2.4

Acres of Grading (Grading Phase): 2.4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 156,692; Non-Residential Outdoor: 52,231; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	314.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,500.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	44.00	17.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0339	0	0.0339	5.14E-03	0	5.14E-03	0	0	0	0	0	0
Off-Road	0.1306	1.2583	1.2998	2.36E-03		0.0532	0.0532		0.0496	0.0496	0	205.7176	205.7176	0.0519	0	207.0147
Total	**0.1306**	**1.2583**	**1.2998**	**2.36E-03**	**0.0339**	**0.0532**	**0.0871**	**5.14E-03**	**0.0496**	**0.0548**	**0**	**205.7176**	**205.7176**	**0.0519**	**0**	**207.0147**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.70E-04	0.0237	8.31E-03	1.10E-04	2.66E-03	4.00E-05	2.71E-03	7.30E-04	4.00E-05	7.70E-04	0	10.9756	10.9756	4.70E-04	0	10.9873
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.89E-03	1.64E-03	0.0197	8.00E-05	0.0101	6.00E-05	0.0101	2.67E-03	5.00E-05	2.73E-03	0	6.8488	6.8488	1.10E-04	0	6.8516
Total	**3.66E-03**	**0.0254**	**0.028**	**1.90E-04**	**0.0127**	**1.00E-04**	**0.0128**	**3.40E-03**	**9.00E-05**	**3.50E-03**	**0**	**17.8244**	**17.8244**	**5.80E-04**	**0**	**17.8389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.0339	0	0.0339	5.14E-03	0	5.14E-03	0	0	0	0	0	0
Off-Road	0.0274	0.1188	1.435	2.36E-03		3.65E-03	3.65E-03		3.65E-03	3.65E-03	0	205.7174	205.7174	0.0519	0	207.0145
Total	**0.0274**	**0.1188**	**1.435**	**2.36E-03**	**0.0339**	**3.65E-03**	**0.0376**	**5.14E-03**	**3.65E-03**	**8.79E-03**	**0**	**205.7174**	**205.7174**	**0.0519**	**0**	**207.0145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.70E-04	0.0237	8.31E-03	1.10E-04	2.66E-03	4.00E-05	2.71E-03	7.30E-04	4.00E-05	7.70E-04	0	10.9756	10.9756	4.70E-04	0	10.9873
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.89E-03	1.64E-03	0.0197	8.00E-05	0.0101	6.00E-05	0.0101	2.67E-03	5.00E-05	2.73E-03	0	6.8488	6.8488	1.10E-04	0	6.8516
Total	**3.66E-03**	**0.0254**	**0.028**	**1.90E-04**	**0.0127**	**1.00E-04**	**0.0128**	**3.40E-03**	**9.00E-05**	**3.50E-03**	**0**	**17.8244**	**17.8244**	**5.80E-04**	**0**	**17.8389**

3.3 Site Preparation - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.27E-03	0	1.27E-03	1.40E-04	0	1.40E-04	0	0	0	0	0	0
Off-Road	2.75E-03	0.0275	0.0223	6.00E-05		1.02E-03	1.02E-03		9.40E-04	9.40E-04	0	5.3812	5.3812	1.74E-03	0	5.4247
Total	**2.75E-03**	**0.0275**	**0.0223**	**6.00E-05**	**1.27E-03**	**1.02E-03**	**2.29E-03**	**1.40E-04**	**9.40E-04**	**1.08E-03**	**0**	**5.3812**	**5.3812**	**1.74E-03**	**0**	**5.4247**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	4.00E-05	2.00E-05	2.90E-04	0	1.60E-04	0	1.60E-04	4.00E-05	0	4.00E-05	0	0.1044	0.1044	0	0	0.1044
Total	**4.00E-05**	**2.00E-05**	**2.90E-04**	**0**	**1.60E-04**	**0**	**1.60E-04**	**4.00E-05**	**0**	**4.00E-05**	**0**	**0.1044**	**0.1044**	**0**	**0**	**0.1044**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.27E-03	0	1.27E-03	1.40E-04	0	1.40E-04	0	0	0	0	0	0
Off-Road	7.50E-04	3.26E-03	0.0297	6.00E-05		1.00E-04	1.00E-04		1.00E-04	1.00E-04	0	5.3812	5.3812	1.74E-03	0	5.4247
Total	**7.50E-04**	**3.26E-03**	**0.0297**	**6.00E-05**	**1.27E-03**	**1.00E-04**	**1.37E-03**	**1.40E-04**	**1.00E-04**	**2.40E-04**	**0**	**5.3812**	**5.3812**	**1.74E-03**	**0**	**5.4247**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	4.00E-05	2.00E-05	2.90E-04	0	1.60E-04	0	1.60E-04	4.00E-05	0	4.00E-05	0	0.1044	0.1044	0	0	0.1044
Total	**4.00E-05**	**2.00E-05**	**2.90E-04**	**0**	**1.60E-04**	**0**	**1.60E-04**	**4.00E-05**	**0**	**4.00E-05**	**0**	**0.1044**	**0.1044**	**0**	**0**	**0.1044**

3.4 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0291	0	0.0291	0.0151	0	0.0151	0	0	0	0	0	0
Off-Road	5.36E-03	0.0559	0.0382	9.00E-05		2.23E-03	2.23E-03		2.05E-03	2.05E-03	0	8.1475	8.1475	2.64E-03	0	8.2134
Total	**5.36E-03**	**0.0559**	**0.0382**	**9.00E-05**	**0.0291**	**2.23E-03**	**0.0313**	**0.0151**	**2.05E-03**	**0.0172**	**0**	**8.1475**	**8.1475**	**2.64E-03**	**0**	**8.2134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.63E-03	0.1109	0.0399	5.40E-04	0.0127	2.10E-04	0.0129	3.50E-03	2.00E-04	3.70E-03	0	52.0975	52.0975	2.23E-03	0	52.1532
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.00E-04	5.00E-05	6.50E-04	0	3.60E-04	0	3.60E-04	9.00E-05	0	1.00E-04	0	0.2349	0.2349	0	0	0.235
Total	**3.73E-03**	**0.1109**	**0.0406**	**5.40E-04**	**0.0131**	**2.10E-04**	**0.0133**	**3.59E-03**	**2.00E-04**	**3.80E-03**	**0**	**52.3324**	**52.3324**	**2.23E-03**	**0**	**52.3881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0291	0	0.0291	0.0151	0	0.0151	0	0	0	0	0	0
Off-Road	1.13E-03	4.92E-03	0.0491	9.00E-05		1.50E-04	1.50E-04		1.50E-04	1.50E-04	0	8.1475	8.1475	2.64E-03	0	8.2134

Total	**1.13E-03**	**4.92E-03**	**0.0491**	**9.00E-05**	**0.0291**	**1.50E-04**	**0.0292**	**0.0151**	**1.50E-04**	**0.0153**	**0**	**8.1475**	**8.1475**	**2.64E-03**	**0**	**8.2134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.63E-03	0.1109	0.0399	5.40E-04	0.0127	2.10E-04	0.0129	3.50E-03	2.00E-04	3.70E-03	0	52.0975	52.0975	2.23E-03	0	52.1532
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.00E-04	5.00E-05	6.50E-04	0	3.60E-04	0	3.60E-04	9.00E-05	0	1.00E-04	0	0.2349	0.2349	0	0	0.235
Total	**3.73E-03**	**0.1109**	**0.0406**	**5.40E-04**	**0.0131**	**2.10E-04**	**0.0133**	**3.59E-03**	**2.00E-04**	**3.80E-03**	**0**	**52.3324**	**52.3324**	**2.23E-03**	**0**	**52.3881**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1683	1.3586	1.5828	2.83E-03		0.0531	0.0531		0.0508	0.0508	0	234.7409	234.7409	0.0431	0	235.8172
Total	**0.1683**	**1.3586**	**1.5828**	**2.83E-03**		**0.0531**	**0.0531**		**0.0508**	**0.0508**	**0**	**234.7409**	**234.7409**	**0.0431**	**0**	**235.8172**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.96E-03	0.1341	0.0403	4.90E-04	0.0126	1.50E-04	0.0128	3.66E-03	1.50E-04	3.80E-03	0	46.7105	46.7105	1.63E-03	0	46.7514

Worker	0.0108	5.92E-03	0.0722	2.90E-04	0.0394	2.10E-04	0.0397	0.0105	2.00E-04	0.0107	0	25.9491	25.9491	4.10E-04	0	25.9592
Total	**0.0147**	**0.14**	**0.1125**	**7.80E-04**	**0.0521**	**3.60E-04**	**0.0525**	**0.0142**	**3.50E-04**	**0.0145**	**0**	**72.6596**	**72.6596**	**2.04E-03**	**0**	**72.7106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0372	0.4374	1.6877	2.83E-03		3.98E-03	3.98E-03		3.98E-03	3.98E-03	0	234.7406	234.7406	0.0431	0	235.8169
Total	**0.0372**	**0.4374**	**1.6877**	**2.83E-03**		**3.98E-03**	**3.98E-03**		**3.98E-03**	**3.98E-03**	**0**	**234.7406**	**234.7406**	**0.0431**	**0**	**235.8169**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	3.96E-03	0.1341	0.0403	4.90E-04	0.0126	1.50E-04	0.0128	3.66E-03	1.50E-04	3.80E-03	0	46.7105	46.7105	1.63E-03	0	46.7514
Worker	0.0108	5.92E-03	0.0722	2.90E-04	0.0394	2.10E-04	0.0397	0.0105	2.00E-04	0.0107	0	25.9491	25.9491	4.10E-04	0	25.9592
Total	**0.0147**	**0.14**	**0.1125**	**7.80E-04**	**0.0521**	**3.60E-04**	**0.0525**	**0.0142**	**3.50E-04**	**0.0145**	**0**	**72.6596**	**72.6596**	**2.04E-03**	**0**	**72.7106**

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0886	0.7154	0.8334	1.49E-03		0.028	0.028		0.0268	0.0268	0	123.6025	123.6025	0.0227	0	124.1692

Total	**0.0886**	**0.7154**	**0.8334**	**1.49E-03**		**0.028**	**0.028**		**0.0268**	**0.0268**	**0**	**123.6025**	**123.6025**	**0.0227**	**0**	**124.1692**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	2.05E-03	0.0698	0.021	2.50E-04	6.66E-03	8.00E-05	6.74E-03	1.92E-03	8.00E-05	2.00E-03	0	24.4806	24.4806	8.50E-04	0	24.5017
Worker	5.37E-03	2.87E-03	0.0357	1.50E-04	0.0208	1.00E-04	0.0209	5.52E-03	1.00E-04	5.62E-03	0	13.2381	13.2381	2.00E-04	0	13.243
Total	**7.42E-03**	**0.0727**	**0.0567**	**4.00E-04**	**0.0274**	**1.80E-04**	**0.0276**	**7.44E-03**	**1.80E-04**	**7.62E-03**	**0**	**37.7187**	**37.7187**	**1.05E-03**	**0**	**37.7447**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0196	0.2303	0.8887	1.49E-03		2.09E-03	2.09E-03		2.09E-03	2.09E-03	0	123.6024	123.6024	0.0227	0	124.1691
Total	**0.0196**	**0.2303**	**0.8887**	**1.49E-03**		**2.09E-03**	**2.09E-03**		**2.09E-03**	**2.09E-03**	**0**	**123.6024**	**123.6024**	**0.0227**	**0**	**124.1691**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	2.05E-03	0.0698	0.021	2.50E-04	6.66E-03	8.00E-05	6.74E-03	1.92E-03	8.00E-05	2.00E-03	0	24.4806	24.4806	8.50E-04	0	24.5017

Worker	5.37E-03	2.87E-03	0.0357	1.50E-04	0.0208	1.00E-04	0.0209	5.52E-03	1.00E-04	5.62E-03	0	13.2381	13.2381	2.00E-04	0	13.243
Total	**7.42E-03**	**0.0727**	**0.0567**	**4.00E-04**	**0.0274**	**1.80E-04**	**0.0276**	**7.44E-03**	**1.80E-04**	**7.62E-03**	**0**	**37.7187**	**37.7187**	**1.05E-03**	**0**	**37.7447**

3.6 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.28E-03	0.0595	0.0934	1.40E-04		2.80E-03	2.80E-03		2.59E-03	2.59E-03	0	12.4103	12.4103	3.93E-03	0	12.5087
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**6.28E-03**	**0.0595**	**0.0934**	**1.40E-04**		**2.80E-03**	**2.80E-03**		**2.59E-03**	**2.59E-03**	**0**	**12.4103**	**12.4103**	**3.93E-03**	**0**	**12.5087**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.50E-04	1.30E-04	1.64E-03	1.00E-05	9.50E-04	0	9.60E-04	2.50E-04	0	2.60E-04	0	0.6068	0.6068	1.00E-05	0	0.607
Total	**2.50E-04**	**1.30E-04**	**1.64E-03**	**1.00E-05**	**9.50E-04**	**0**	**9.60E-04**	**2.50E-04**	**0**	**2.60E-04**	**0**	**0.6068**	**0.6068**	**1.00E-05**	**0**	**0.607**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	1.68E-03	7.29E-03	0.1038	1.40E-04		2.20E-04	2.20E-04		2.20E-04	2.20E-04	0	12.4103	12.4103	3.93E-03	0	12.5087
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**1.68E-03**	**7.29E-03**	**0.1038**	**1.40E-04**		**2.20E-04**	**2.20E-04**		**2.20E-04**	**2.20E-04**	**0**	**12.4103**	**12.4103**	**3.93E-03**	**0**	**12.5087**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.50E-04	1.30E-04	1.64E-03	1.00E-05	9.50E-04	0	9.60E-04	2.50E-04	0	2.60E-04	0	0.6068	0.6068	1.00E-05	0	0.607
Total	**2.50E-04**	**1.30E-04**	**1.64E-03**	**1.00E-05**	**9.50E-04**	**0**	**9.60E-04**	**2.50E-04**	**0**	**2.60E-04**	**0**	**0.6068**	**0.6068**	**1.00E-05**	**0**	**0.607**

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5447					0	0		0	0	0	0	0	0	0	0
Off-Road	1.37E-03	9.16E-03	0.0145	2.00E-05		4.10E-04	4.10E-04		4.10E-04	4.10E-04	0	2.0426	2.0426	1.10E-04	0	2.0454
Total	**0.5461**	**9.16E-03**	**0.0145**	**2.00E-05**		**4.10E-04**	**4.10E-04**		**4.10E-04**	**4.10E-04**	**0**	**2.0426**	**2.0426**	**1.10E-04**	**0**	**2.0454**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.50E-04	8.00E-05	9.80E-04	0	5.70E-04	0	5.70E-04	1.50E-04	0	1.50E-04	0	0.3641	0.3641	1.00E-05	0	0.3642
Total	**1.50E-04**	**8.00E-05**	**9.80E-04**	**0**	**5.70E-04**	**0**	**5.70E-04**	**1.50E-04**	**0**	**1.50E-04**	**0**	**0.3641**	**0.3641**	**1.00E-05**	**0**	**0.3642**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5447					0	0		0	0	0	0	0	0	0	0
Off-Road	2.40E-04	1.03E-03	0.0147	2.00E-05		3.00E-05	3.00E-05		3.00E-05	3.00E-05	0	2.0426	2.0426	1.10E-04	0	2.0454
Total	**0.5449**	**1.03E-03**	**0.0147**	**2.00E-05**		**3.00E-05**	**3.00E-05**		**3.00E-05**	**3.00E-05**	**0**	**2.0426**	**2.0426**	**1.10E-04**	**0**	**2.0454**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.50E-04	8.00E-05	9.80E-04	0	5.70E-04	0	5.70E-04	1.50E-04	0	1.50E-04	0	0.3641	0.3641	1.00E-05	0	0.3642
Total	**1.50E-04**	**8.00E-05**	**9.80E-04**	**0**	**5.70E-04**	**0**	**5.70E-04**	**1.50E-04**	**0**	**1.50E-04**	**0**	**0.3641**	**0.3641**	**1.00E-05**	**0**	**0.3642**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

SJCC FMP - Phase 2b

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Day-Care Center	15.00	1000sqft	1.00	15,000.00	0
Unenclosed Parking with Elevator	180.00	1000sqft	2.20	180,000.00	0
Recreational Swimming Pool	11.00	1000sqft	0.90	11,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Site area estimated based on Google Earth

Construction Phase - CalEEMod default schedule adjusted based on size and duration of CTE building

Demolition - Area of Building 100

Grading - Site area as estimated using Google Earth. Import/export volumes from response to Construction RFI

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment assumed for mitigating health risk

Architectural Coating -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	13000	7500
tblAreaCoating	Area_Nonresidential_Interior	39000	22500
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	14.00
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	230.00	633.00
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	18.00	50.00
tblConstructionPhase	NumDays	18.00	50.00
tblGrading	AcresOfGrading	11.00	4.00
tblGrading	MaterialExported	0.00	10,300.00
tblGrading	MaterialImported	0.00	1,300.00
tblLandUse	LotAcreage	0.34	1.00
tblLandUse	LotAcreage	4.13	2.20
tblLandUse	LotAcreage	0.25	0.90
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	6.21	0.00
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	5.83	0.00
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	74.06	0.00
tblVehicleTrips	WD_TR	33.82	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Year	tons/yr										MT/yr					
2026	0.2697	2.5768	2.8079	6.66E-03	0.3351	0.0936	0.4287	0.142	0.0875	0.2295	0	594.1351	594.1351	0.1057	0	596.7782
2027	0.2122	1.9505	2.357	5.29E-03	0.1193	0.0697	0.1889	0.0324	0.0656	0.0979	0	469.7982	469.7982	0.0758	0	471.6943
2028	0.3185	1.3139	1.6836	3.57E-03	0.0745	0.0494	0.1239	0.0202	0.0464	0.0666	0	315.2824	315.2824	0.0559	0	316.6805
Maximum	**0.3185**	**2.5768**	**2.8079**	**6.66E-03**	**0.3351**	**0.0936**	**0.4287**	**0.142**	**0.0875**	**0.2295**	**0**	**594.1351**	**594.1351**	**0.1057**	**0**	**596.7782**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.0901	0.7334	3.1036	6.66E-03	0.3351	7.92E-03	0.3431	0.142	7.86E-03	0.1499	0	594.1347	594.1347	0.1057	0	596.7777
2027	0.0766	0.6149	2.5365	5.29E-03	0.1193	6.17E-03	0.1254	0.0324	6.11E-03	0.0385	0	469.7979	469.7979	0.0758	0	471.694
2028	0.2235	0.3717	1.8192	3.57E-03	0.0745	4.32E-03	0.0788	0.0202	4.29E-03	0.0245	0	315.2822	315.2822	0.0559	0	316.6802
Maximum	**0.2235**	**0.7334**	**3.1036**	**6.66E-03**	**0.3351**	**7.92E-03**	**0.3431**	**0.142**	**7.86E-03**	**0.1499**	**0**	**594.1347**	**594.1347**	**0.1057**	**0**	**596.7777**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**51.26**	**70.55**	**-8.92**	**0.00**	**0.00**	**91.34**	**26.19**	**0.00**	**90.84**	**45.98**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2026**	**3-31-2026**	0.7278	0.2269
2	**4-1-2026**	**6-30-2026**	0.5396	0.1732
3	**7-1-2026**	**9-30-2026**	1.0311	0.2438
4	**10-1-2026**	**12-31-2026**	0.5473	0.1769
5	**1-1-2027**	**3-31-2027**	0.5336	0.1712
6	**4-1-2027**	**6-30-2027**	0.5379	0.1715
7	**7-1-2027**	**9-30-2027**	0.5438	0.1733

8	**10-1-2027**	**12-31-2027**	0.5455	0.1750
9	**1-1-2028**	**3-31-2028**	0.5380	0.1716
10	**4-1-2028**	**6-30-2028**	0.5364	0.1700
11	**7-1-2028**	**9-30-2028**	0.3487	0.0762
		Highest	1.0311	0.2438

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2026	1/20/2026	5	14	
2	Grading	Grading	1/21/2026	2/19/2026	5	22	
3	Building Construction	Building Construction	2/20/2026	7/25/2028	5	633	
4	Demolition	Demolition	7/1/2026	8/31/2026	5	44	
5	Paving	Paving	7/26/2028	10/3/2028	5	50	
6	Architectural Coating	Architectural Coating	10/4/2028	12/12/2028	5	50	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 2.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 39,000; Non-Residential Outdoor: 13,000; Striped Parking Area: 10,800

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38

Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	168.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,450.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	87.00	34.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	17.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1265	0	0.1265	0.0695	0	0.0695	0	0	0	0	0	0
Off-Road	0.0173	0.1766	0.1254	2.70E-04		7.61E-03	7.61E-03		7.00E-03	7.00E-03	0	23.4269	23.4269	7.58E-03	0	23.6163
Total	**0.0173**	**0.1766**	**0.1254**	**2.70E-04**	**0.1265**	**7.61E-03**	**0.1341**	**0.0695**	**7.00E-03**	**0.0765**	**0**	**23.4269**	**23.4269**	**7.58E-03**	**0**	**23.6163**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.90E-04	1.60E-04	1.95E-03	1.00E-05	1.00E-03	1.00E-05	1.01E-03	2.70E-04	1.00E-05	2.70E-04	0	0.6808	0.6808	1.00E-05	0	0.6811
Total	**2.90E-04**	**1.60E-04**	**1.95E-03**	**1.00E-05**	**1.00E-03**	**1.00E-05**	**1.01E-03**	**2.70E-04**	**1.00E-05**	**2.70E-04**	**0**	**0.6808**	**0.6808**	**1.00E-05**	**0**	**0.6811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					0.1265	0	0.1265	0.0695	0	0.0695	0	0	0	0	0	0
Off-Road	3.26E-03	0.0141	0.1461	2.70E-04		4.30E-04	4.30E-04		4.30E-04	4.30E-04	0	23.4269	23.4269	7.58E-03	0	23.6163
Total	**3.26E-03**	**0.0141**	**0.1461**	**2.70E-04**	**0.1265**	**4.30E-04**	**0.1269**	**0.0695**	**4.30E-04**	**0.0699**	**0**	**23.4269**	**23.4269**	**7.58E-03**	**0**	**23.6163**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.90E-04	1.60E-04	1.95E-03	1.00E-05	1.00E-03	1.00E-05	1.01E-03	2.70E-04	1.00E-05	2.70E-04	0	0.6808	0.6808	1.00E-05	0	0.6811
Total	**2.90E-04**	**1.60E-04**	**1.95E-03**	**1.00E-05**	**1.00E-03**	**1.00E-05**	**1.01E-03**	**2.70E-04**	**1.00E-05**	**2.70E-04**	**0**	**0.6808**	**0.6808**	**1.00E-05**	**0**	**0.6811**

3.3 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.069	0	0.069	0.0367	0	0.0367	0	0	0	0	0	0
Off-Road	0.0168	0.1685	0.1599	3.30E-04		6.86E-03	6.86E-03		6.31E-03	6.31E-03	0	28.6768	28.6768	9.27E-03	0	28.9087
Total	**0.0168**	**0.1685**	**0.1599**	**3.30E-04**	**0.069**	**6.86E-03**	**0.0759**	**0.0367**	**6.31E-03**	**0.0431**	**0**	**28.6768**	**28.6768**	**9.27E-03**	**0**	**28.9087**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	3.54E-03	0.1096	0.0384	5.20E-04	0.0123	2.00E-04	0.0125	3.38E-03	1.90E-04	3.58E-03	0	50.6835	50.6835	2.16E-03	0	50.7375
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.80E-04	2.10E-04	2.56E-03	1.00E-05	1.31E-03	1.00E-05	1.32E-03	3.50E-04	1.00E-05	3.50E-04	0	0.8916	0.8916	1.00E-05	0	0.8919
Total	**3.92E-03**	**0.1098**	**0.0409**	**5.30E-04**	**0.0136**	**2.10E-04**	**0.0138**	**3.73E-03**	**2.00E-04**	**3.93E-03**	**0**	**51.575**	**51.575**	**2.17E-03**	**0**	**51.6294**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.069	0	0.069	0.0367	0	0.0367	0	0	0	0	0	0
Off-Road	3.99E-03	0.0173	0.1953	3.30E-04		5.30E-04	5.30E-04		5.30E-04	5.30E-04	0	28.6768	28.6768	9.27E-03	0	28.9086
Total	**3.99E-03**	**0.0173**	**0.1953**	**3.30E-04**	**0.069**	**5.30E-04**	**0.0696**	**0.0367**	**5.30E-04**	**0.0373**	**0**	**28.6768**	**28.6768**	**9.27E-03**	**0**	**28.9086**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.54E-03	0.1096	0.0384	5.20E-04	0.0123	2.00E-04	0.0125	3.38E-03	1.90E-04	3.58E-03	0	50.6835	50.6835	2.16E-03	0	50.7375
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.80E-04	2.10E-04	2.56E-03	1.00E-05	1.31E-03	1.00E-05	1.32E-03	3.50E-04	1.00E-05	3.50E-04	0	0.8916	0.8916	1.00E-05	0	0.8919
Total	**3.92E-03**	**0.1098**	**0.0409**	**5.30E-04**	**0.0136**	**2.10E-04**	**0.0138**	**3.73E-03**	**2.00E-04**	**3.93E-03**	**0**	**51.575**	**51.575**	**2.17E-03**	**0**	**51.6294**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1538	1.4028	1.8095	3.03E-03		0.0594	0.0594		0.0558	0.0558	0	260.9094	260.9094	0.0613	0	262.4427
Total	**0.1538**	**1.4028**	**1.8095**	**3.03E-03**		**0.0594**	**0.0594**		**0.0558**	**0.0558**	**0**	**260.9094**	**260.9094**	**0.0613**	**0**	**262.4427**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.06E-03	0.2707	0.0816	9.70E-04	0.0252	3.10E-04	0.0255	7.28E-03	3.00E-04	7.58E-03	0	93.5306	93.5306	3.31E-03	0	93.6134
Worker	0.0223	0.0127	0.1518	5.80E-04	0.0776	4.40E-04	0.0781	0.0206	4.10E-04	0.0211	0	52.8854	52.8854	8.70E-04	0	52.9072
Total	**0.0304**	**0.2834**	**0.2334**	**1.55E-03**	**0.1028**	**7.50E-04**	**0.1036**	**0.0279**	**7.10E-04**	**0.0286**	**0**	**146.416**	**146.416**	**4.18E-03**	**0**	**146.5206**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0369	0.2514	1.9643	3.03E-03		4.59E-03	4.59E-03		4.59E-03	4.59E-03	0	260.9091	260.9091	0.0613	0	262.4424
Total	**0.0369**	**0.2514**	**1.9643**	**3.03E-03**		**4.59E-03**	**4.59E-03**		**4.59E-03**	**4.59E-03**	**0**	**260.9091**	**260.9091**	**0.0613**	**0**	**262.4424**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.06E-03	0.2707	0.0816	9.70E-04	0.0252	3.10E-04	0.0255	7.28E-03	3.00E-04	7.58E-03	0	93.5306	93.5306	3.31E-03	0	93.6134
Worker	0.0223	0.0127	0.1518	5.80E-04	0.0776	4.40E-04	0.0781	0.0206	4.10E-04	0.0211	0	52.8854	52.8854	8.70E-04	0	52.9072
Total	**0.0304**	**0.2834**	**0.2334**	**1.55E-03**	**0.1028**	**7.50E-04**	**0.1036**	**0.0279**	**7.10E-04**	**0.0286**	**0**	**146.416**	**146.416**	**4.18E-03**	**0**	**146.5206**

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.52E-03		0.0689	0.0689		0.0648	0.0648	0	302.6549	302.6549	0.0711	0	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.52E-03**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0**	**302.6549**	**302.6549**	**0.0711**	**0**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.15E-03	0.3097	0.0931	1.12E-03	0.0292	3.60E-04	0.0296	8.44E-03	3.40E-04	8.78E-03	0	107.8889	107.8889	3.77E-03	0	107.9833
Worker	0.0246	0.0135	0.1649	6.50E-04	0.0901	4.90E-04	0.0905	0.024	4.50E-04	0.0244	0	59.2544	59.2544	9.30E-04	0	59.2775
Total	**0.0338**	**0.3232**	**0.2579**	**1.77E-03**	**0.1193**	**8.50E-04**	**0.1201**	**0.0324**	**7.90E-04**	**0.0332**	**0**	**167.1433**	**167.1433**	**4.70E-03**	**0**	**167.2608**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	3.52E-03		5.32E-03	5.32E-03		5.32E-03	5.32E-03	0	302.6545	302.6545	0.0711	0	304.4331
Total	**0.0428**	**0.2916**	**2.2786**	**3.52E-03**		**5.32E-03**	**5.32E-03**		**5.32E-03**	**5.32E-03**	**0**	**302.6545**	**302.6545**	**0.0711**	**0**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	9.15E-03	0.3097	0.0931	1.12E-03	0.0292	3.60E-04	0.0296	8.44E-03	3.40E-04	8.78E-03	0	107.8889	107.8889	3.77E-03	0	107.9833
Worker	0.0246	0.0135	0.1649	6.50E-04	0.0901	4.90E-04	0.0905	0.024	4.50E-04	0.0244	0	59.2544	59.2544	9.30E-04	0	59.2775
Total	**0.0338**	**0.3232**	**0.2579**	**1.77E-03**	**0.1193**	**8.50E-04**	**0.1201**	**0.0324**	**7.90E-04**	**0.0332**	**0**	**167.1433**	**167.1433**	**4.70E-03**	**0**	**167.2608**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1005	0.9165	1.1822	1.98E-03		0.0388	0.0388		0.0365	0.0365	0	170.4608	170.4608	0.0401	0	171.4626
Total	**0.1005**	**0.9165**	**1.1822**	**1.98E-03**		**0.0388**	**0.0388**		**0.0365**	**0.0365**	**0**	**170.4608**	**170.4608**	**0.0401**	**0**	**171.4626**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.06E-03	0.1724	0.0518	6.30E-04	0.0165	2.00E-04	0.0166	4.76E-03	1.90E-04	4.94E-03	0	60.4814	60.4814	2.09E-03	0	60.5337
Worker	0.0131	7.01E-03	0.0873	3.60E-04	0.0507	2.60E-04	0.051	0.0135	2.30E-04	0.0137	0	32.3342	32.3342	4.80E-04	0	32.3461
Total	**0.0182**	**0.1795**	**0.1391**	**9.90E-04**	**0.0672**	**4.60E-04**	**0.0676**	**0.0183**	**4.20E-04**	**0.0187**	**0**	**92.8156**	**92.8156**	**2.57E-03**	**0**	**92.8798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0241	0.1643	1.2833	1.98E-03		3.00E-03	3.00E-03		3.00E-03	3.00E-03	0	170.4606	170.4606	0.0401	0	171.4624
Total	**0.0241**	**0.1643**	**1.2833**	**1.98E-03**		**3.00E-03**	**3.00E-03**		**3.00E-03**	**3.00E-03**	**0**	**170.4606**	**170.4606**	**0.0401**	**0**	**171.4624**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.06E-03	0.1724	0.0518	6.30E-04	0.0165	2.00E-04	0.0166	4.76E-03	1.90E-04	4.94E-03	0	60.4814	60.4814	2.09E-03	0	60.5337
Worker	0.0131	7.01E-03	0.0873	3.60E-04	0.0507	2.60E-04	0.051	0.0135	2.30E-04	0.0137	0	32.3342	32.3342	4.80E-04	0	32.3461
Total	**0.0182**	**0.1795**	**0.1391**	**9.90E-04**	**0.0672**	**4.60E-04**	**0.0676**	**0.0183**	**4.20E-04**	**0.0187**	**0**	**92.8156**	**92.8156**	**2.57E-03**	**0**	**92.8798**

3.5 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0182	0	0.0182	2.76E-03	0	2.76E-03	0	0	0	0	0	0
Off-Road	0.046	0.4223	0.4272	8.50E-04		0.0188	0.0188		0.0174	0.0174	0	74.7948	74.7948	0.0209	0	75.317
Total	**0.046**	**0.4223**	**0.4272**	**8.50E-04**	**0.0182**	**0.0188**	**0.037**	**2.76E-03**	**0.0174**	**0.0202**	**0**	**74.7948**	**74.7948**	**0.0209**	**0**	**75.317**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.10E-04	0.0127	4.45E-03	6.00E-05	1.42E-03	2.00E-05	1.45E-03	3.90E-04	2.00E-05	4.10E-04	0	5.8723	5.8723	2.50E-04	0	5.8786
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	7.50E-04	4.30E-04	5.12E-03	2.00E-05	2.62E-03	1.00E-05	2.63E-03	7.00E-04	1.00E-05	7.10E-04	0	1.7831	1.7831	3.00E-05	0	1.7839
Total	**1.16E-03**	**0.0131**	**9.57E-03**	**8.00E-05**	**4.04E-03**	**3.00E-05**	**4.08E-03**	**1.09E-03**	**3.00E-05**	**1.12E-03**	**0**	**7.6554**	**7.6554**	**2.80E-04**	**0**	**7.6624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0182	0	0.0182	2.76E-03	0	2.76E-03	0	0	0	0	0	0
Off-Road	0.0102	0.0441	0.5122	8.50E-04		1.36E-03	1.36E-03		1.36E-03	1.36E-03	0	74.7947	74.7947	0.0209	0	75.3169
Total	**0.0102**	**0.0441**	**0.5122**	**8.50E-04**	**0.0182**	**1.36E-03**	**0.0196**	**2.76E-03**	**1.36E-03**	**4.12E-03**	**0**	**74.7947**	**74.7947**	**0.0209**	**0**	**75.3169**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.10E-04	0.0127	4.45E-03	6.00E-05	1.42E-03	2.00E-05	1.45E-03	3.90E-04	2.00E-05	4.10E-04	0	5.8723	5.8723	2.50E-04	0	5.8786
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	7.50E-04	4.30E-04	5.12E-03	2.00E-05	2.62E-03	1.00E-05	2.63E-03	7.00E-04	1.00E-05	7.10E-04	0	1.7831	1.7831	3.00E-05	0	1.7839
Total	**1.16E-03**	**0.0131**	**9.57E-03**	**8.00E-05**	**4.04E-03**	**3.00E-05**	**4.08E-03**	**1.09E-03**	**3.00E-05**	**1.12E-03**	**0**	**7.6554**	**7.6554**	**2.80E-04**	**0**	**7.6624**

3.6 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0205	0.1883	0.3044	4.70E-04		8.81E-03	8.81E-03		8.15E-03	8.15E-03	0	40.9456	40.9456	0.0129	0	41.2673
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**0.0205**	**0.1883**	**0.3044**	**4.70E-04**		**8.81E-03**	**8.81E-03**		**8.15E-03**	**8.15E-03**	**0**	**40.9456**	**40.9456**	**0.0129**	**0**	**41.2673**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.03E-03	5.50E-04	6.83E-03	3.00E-05	3.97E-03	2.00E-05	3.99E-03	1.05E-03	2.00E-05	1.07E-03	0	2.5283	2.5283	4.00E-05	0	2.5292
Total	**1.03E-03**	**5.50E-04**	**6.83E-03**	**3.00E-05**	**3.97E-03**	**2.00E-05**	**3.99E-03**	**1.05E-03**	**2.00E-05**	**1.07E-03**	**0**	**2.5283**	**2.5283**	**4.00E-05**	**0**	**2.5292**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.49E-03	0.0238	0.3383	4.70E-04		7.30E-04	7.30E-04		7.30E-04	7.30E-04	0	40.9456	40.9456	0.0129	0	41.2672
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**5.49E-03**	**0.0238**	**0.3383**	**4.70E-04**		**7.30E-04**	**7.30E-04**		**7.30E-04**	**7.30E-04**	**0**	**40.9456**	**40.9456**	**0.0129**	**0**	**41.2672**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	1.03E-03	5.50E-04	6.83E-03	3.00E-05	3.97E-03	2.00E-05	3.99E-03	1.05E-03	2.00E-05	1.07E-03	0	2.5283	2.5283	4.00E-05	0	2.5292
Total	**1.03E-03**	**5.50E-04**	**6.83E-03**	**3.00E-05**	**3.97E-03**	**2.00E-05**	**3.99E-03**	**1.05E-03**	**2.00E-05**	**1.07E-03**	**0**	**2.5283**	**2.5283**	**4.00E-05**	**0**	**2.5292**

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1731					0	0		0	0	0	0	0	0	0	0
Off-Road	4.27E-03	0.0286	0.0452	7.00E-05		1.29E-03	1.29E-03		1.29E-03	1.29E-03	0	6.3831	6.3831	3.50E-04	0	6.3918

Total	**0.1774**	**0.0286**	**0.0452**	**7.00E-05**		**1.29E-03**	**1.29E-03**		**1.29E-03**	**1.29E-03**	**0**	**6.3831**	**6.3831**	**3.50E-04**	**0**	**6.3918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	8.70E-04	4.70E-04	5.80E-03	2.00E-05	3.37E-03	2.00E-05	3.39E-03	9.00E-04	2.00E-05	9.10E-04	0	2.149	2.149	3.00E-05	0	2.1498
Total	**8.70E-04**	**4.70E-04**	**5.80E-03**	**2.00E-05**	**3.37E-03**	**2.00E-05**	**3.39E-03**	**9.00E-04**	**2.00E-05**	**9.10E-04**	**0**	**2.149**	**2.149**	**3.00E-05**	**0**	**2.1498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1731					0	0		0	0	0	0	0	0	0	0
Off-Road	7.40E-04	3.22E-03	0.0458	7.00E-05		1.00E-04	1.00E-04		1.00E-04	1.00E-04	0	6.3831	6.3831	3.50E-04	0	6.3918
Total	**0.1739**	**3.22E-03**	**0.0458**	**7.00E-05**		**1.00E-04**	**1.00E-04**		**1.00E-04**	**1.00E-04**	**0**	**6.3831**	**6.3831**	**3.50E-04**	**0**	**6.3918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Worker	8.70E-04	4.70E-04	5.80E-03	2.00E-05	3.37E-03	2.00E-05	3.39E-03	9.00E-04	2.00E-05	9.10E-04	0	2.149	2.149	3.00E-05	0	2.1498
Total	**8.70E-04**	**4.70E-04**	**5.80E-03**	**2.00E-05**	**3.37E-03**	**2.00E-05**	**3.39E-03**	**9.00E-04**	**2.00E-05**	**9.10E-04**	**0**	**2.149**	**2.149**	**3.00E-05**	**0**	**2.1498**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

SJCC FMP const - Theater

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	35.63	1000sqft	0.82	35,630.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use -

Construction Phase - Renovation assumed as a phase. Default construction schedule adjusted based on duration and area of CTE building provided

Off-road Equipment - Renovation equipment assumed

Grading - site area

Demolition -

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment used for health risk mitigation

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	5.00	6.00
tblConstructionPhase	NumDays	100.00	118.00
tblConstructionPhase	NumDays	5.00	6.00
tblConstructionPhase	NumDays	100.00	42.00
tblConstructionPhase	PhaseEndDate	6/20/2029	7/18/2029

tblConstructionPhase	PhaseEndDate	6/6/2029	7/2/2029
tblConstructionPhase	PhaseEndDate	6/13/2029	7/10/2029
tblConstructionPhase	PhaseStartDate	6/14/2029	7/11/2029
tblConstructionPhase	PhaseStartDate	6/7/2029	7/3/2029
tblGrading	AcresOfGrading	0.00	0.80
tblGrading	AcresOfGrading	0.50	0.00
tblOffRoadEquipment	OffRoadEquipmentType		Dumpers/Tenders
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	11.23	0.00
tblVehicleTrips	SU_TR	1.21	0.00
tblVehicleTrips	WD_TR	27.49	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	0.2333	0.4554	0.5786	1.10E-03	0.0202	0.0184	0.0386	5.02E-03	0.0171	0.0221	0	97.4977	97.4977	0.0235	0	98.0842
Maximum	**0.2333**	**0.4554**	**0.5786**	**1.10E-03**	**0.0202**	**0.0184**	**0.0386**	**5.02E-03**	**0.0171**	**0.0221**	**0**	**97.4977**	**97.4977**	**0.0235**	**0**	**98.0842**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	0.1999	0.0829	0.6223	1.10E-03	0.0202	1.50E-03	0.0217	5.02E-03	1.49E-03	6.51E-03	0	97.4976	97.4976	0.0235	0	98.0841
Maximum	**0.1999**	**0.0829**	**0.6223**	**1.10E-03**	**0.0202**	**1.50E-03**	**0.0217**	**5.02E-03**	**1.49E-03**	**6.51E-03**	**0**	**97.4976**	**97.4976**	**0.0235**	**0**	**98.0841**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**14.28**	**81.81**	**-7.56**	**0.00**	**0.00**	**91.85**	**43.85**	**0.00**	**91.28**	**70.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**1-1-2029**	**3-31-2029**	0.2665	0.0544
2	**4-1-2029**	**6-30-2029**	0.2110	0.0392
3	**7-1-2029**	**9-30-2029**	0.2012	0.1801
		Highest	0.2665	0.1801

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2029	1/12/2029	5	10	
2	Site Preparation	Site Preparation	1/13/2029	1/15/2029	5	1	
3	Grading	Grading	1/16/2029	1/17/2029	5	2	
4	Building Construction	Building Construction	1/18/2029	7/2/2029	5	118	

5	Paving	Paving	7/3/2029	7/10/2029	5	6	
6	Architectural Coating	Architectural Coating	7/11/2029	7/18/2029	5	6	
7	Renovation	Building Construction	1/13/2029	3/13/2029	5	42	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.8

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 53,445; Non-Residential Outdoor: 17,815; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Renovation	Cranes	0	0.00	231	0.29
Renovation	Forklifts	1	4.00	89	0.20

Renovation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Renovation	Dumpers/Tenders	1	4.00	16	0.38
Renovation	Air Compressors	1	4.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	45.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Renovation	4	15.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9200e-003	0.0000	4.9200e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8700e-003	0.0255	0.0368	6.0000e-005		1.0500e-003	1.0500e-003		1.0000e-003	1.0000e-003	0.0000	5.2123	5.2123	9.3000e-004	0.0000	5.2357
Total	**2.8700e-003**	**0.0255**	**0.0368**	**6.0000e-005**	**4.9200e-003**	**1.0500e-003**	**5.9700e-003**	**7.5000e-004**	**1.0000e-003**	**1.7500e-003**	**0.0000**	**5.2123**	**5.2123**	**9.3000e-004**	**0.0000**	**5.2357**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1900e-003	1.2000e-003	2.0000e-005	3.8000e-004	1.0000e-005	3.9000e-004	1.1000e-004	1.0000e-005	1.1000e-004	0.0000	1.5451	1.5451	7.0000e-005	0.0000	1.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	5.0000e-005	6.4000e-004	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.2457	0.2457	0.0000	0.0000	0.2458
Total	**2.1000e-004**	**3.2400e-003**	**1.8400e-003**	**2.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.2000e-004**	**1.0000e-005**	**2.2000e-004**	**0.0000**	**1.7907**	**1.7907**	**7.0000e-005**	**0.0000**	**1.7925**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9200e-003	0.0000	4.9200e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	2.8700e-003	0.0393	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.2123	5.2123	9.3000e-004	0.0000	5.2357
Total	**6.6000e-004**	**2.8700e-003**	**0.0393**	**6.0000e-005**	**4.9200e-003**	**9.0000e-005**	**5.0100e-003**	**7.5000e-004**	**9.0000e-005**	**8.4000e-004**	**0.0000**	**5.2123**	**5.2123**	**9.3000e-004**	**0.0000**	**5.2357**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1900e-003	1.2000e-003	2.0000e-005	3.8000e-004	1.0000e-005	3.9000e-004	1.1000e-004	1.0000e-005	1.1000e-004	0.0000	1.5451	1.5451	7.0000e-005	0.0000	1.5467
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	5.0000e-005	6.4000e-004	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.2457	0.2457	0.0000	0.0000	0.2458
Total	**2.1000e-004**	**3.2400e-003**	**1.8400e-003**	**2.0000e-005**	**7.8000e-004**	**1.0000e-005**	**7.9000e-004**	**2.2000e-004**	**1.0000e-005**	**2.2000e-004**	**0.0000**	**1.7907**	**1.7907**	**7.0000e-005**	**0.0000**	**1.7925**

3.3 Site Preparation - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-004	2.4000e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.4274	0.4274	1.4000e-004	0.0000	0.4309
Total	**2.2000e-004**	**2.4000e-003**	**1.9100e-003**	**0.0000**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.4274**	**0.4274**	**1.4000e-004**	**0.0000**	**0.4309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	3.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0123	0.0123	0.0000	0.0000	0.0123
Total	**0.0000**	**0.0000**	**3.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**0.0000**	**0.0000**	**0.0123**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	2.6000e-004	2.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.4274	0.4274	1.4000e-004	0.0000	0.4309

Total	**6.0000e-005**	**2.6000e-004**	**2.6600e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.4274**	**0.4274**	**1.4000e-004**	**0.0000**	**0.4309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	3.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0123	0.0123	0.0000	0.0000	0.0123
Total	**0.0000**	**0.0000**	**3.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**0.0000**	**0.0000**	**0.0123**

3.4 Grading - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1800e-003	0.0000	1.1800e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	5.1000e-003	7.3600e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.0000e-004	2.0000e-004	0.0000	1.0425	1.0425	1.9000e-004	0.0000	1.0471
Total	**5.7000e-004**	**5.1000e-003**	**7.3600e-003**	**1.0000e-005**	**1.1800e-003**	**2.1000e-004**	**1.3900e-003**	**4.6000e-004**	**2.0000e-004**	**6.6000e-004**	**0.0000**	**1.0425**	**1.0425**	**1.9000e-004**	**0.0000**	**1.0471**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0491	0.0491	0.0000	0.0000	0.0492
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0491**	**0.0491**	**0.0000**	**0.0000**	**0.0492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1800e-003	0.0000	1.1800e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-004	5.7000e-004	7.8500e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.0425	1.0425	1.9000e-004	0.0000	1.0471
Total	**1.3000e-004**	**5.7000e-004**	**7.8500e-003**	**1.0000e-005**	**1.1800e-003**	**2.0000e-005**	**1.2000e-003**	**4.6000e-004**	**2.0000e-005**	**4.8000e-004**	**0.0000**	**1.0425**	**1.0425**	**1.9000e-004**	**0.0000**	**1.0471**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0491	0.0491	0.0000	0.0000	0.0492
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0491**	**0.0491**	**0.0000**	**0.0000**	**0.0492**

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road	0.0325	0.3234	0.4147	6.7000e-004		0.0142	0.0142		0.0131	0.0131	0.0000	59.1745	59.1745	0.0191	0.0000	59.6529
Total	**0.0325**	**0.3234**	**0.4147**	**6.7000e-004**		**0.0142**	**0.0142**		**0.0131**	**0.0131**	**0.0000**	**59.1745**	**59.1745**	**0.0191**	**0.0000**	**59.6529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0241	7.2400e-003	9.0000e-005	2.3300e-003	3.0000e-005	2.3600e-003	6.7000e-004	3.0000e-005	7.0000e-004	0.0000	8.5217	8.5217	2.9000e-004	0.0000	8.5290
Worker	1.7100e-003	8.9000e-004	0.0114	5.0000e-005	7.0200e-003	3.0000e-005	7.0500e-003	1.8700e-003	3.0000e-005	1.9000e-003	0.0000	4.3483	4.3483	6.0000e-005	0.0000	4.3498
Total	**2.4100e-003**	**0.0250**	**0.0186**	**1.4000e-004**	**9.3500e-003**	**6.0000e-005**	**9.4100e-003**	**2.5400e-003**	**6.0000e-005**	**2.6000e-003**	**0.0000**	**12.8700**	**12.8700**	**3.5000e-004**	**0.0000**	**12.8788**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.2400e-003	0.0357	0.4558	6.7000e-004		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	59.1744	59.1744	0.0191	0.0000	59.6529
Total	**8.2400e-003**	**0.0357**	**0.4558**	**6.7000e-004**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**59.1744**	**59.1744**	**0.0191**	**0.0000**	**59.6529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0241	7.2400e-003	9.0000e-005	2.3300e-003	3.0000e-005	2.3600e-003	6.7000e-004	3.0000e-005	7.0000e-004	0.0000	8.5217	8.5217	2.9000e-004	0.0000	8.5290
Worker	1.7100e-003	8.9000e-004	0.0114	5.0000e-005	7.0200e-003	3.0000e-005	7.0500e-003	1.8700e-003	3.0000e-005	1.9000e-003	0.0000	4.3483	4.3483	6.0000e-005	0.0000	4.3498
Total	**2.4100e-003**	**0.0250**	**0.0186**	**1.4000e-004**	**9.3500e-003**	**6.0000e-005**	**9.4100e-003**	**2.5400e-003**	**6.0000e-005**	**2.6000e-003**	**0.0000**	**12.8700**	**12.8700**	**3.5000e-004**	**0.0000**	**12.8788**

3.6 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6900e-003	0.0148	0.0211	3.0000e-005		6.6000e-004	6.6000e-004		6.1000e-004	6.1000e-004	0.0000	2.8203	2.8203	8.2000e-004	0.0000	2.8408
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.6900e-003**	**0.0148**	**0.0211**	**3.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**2.8203**	**2.8203**	**8.2000e-004**	**0.0000**	**2.8408**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	5.0000e-005	6.9000e-004	0.0000	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.2653	0.2653	0.0000	0.0000	0.2654
Total	**1.0000e-004**	**5.0000e-005**	**6.9000e-004**	**0.0000**	**4.3000e-004**	**0.0000**	**4.3000e-004**	**1.1000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.0000**	**0.2654**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4000e-004	1.4600e-003	0.0207	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8203	2.8203	8.2000e-004	0.0000	2.8408
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.4000e-004**	**1.4600e-003**	**0.0207**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.8203**	**2.8203**	**8.2000e-004**	**0.0000**	**2.8408**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	5.0000e-005	6.9000e-004	0.0000	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.2653	0.2653	0.0000	0.0000	0.2654
Total	**1.0000e-004**	**5.0000e-005**	**6.9000e-004**	**0.0000**	**4.3000e-004**	**0.0000**	**4.3000e-004**	**1.1000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.0000**	**0.2654**

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1858					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.4400e-003	5.4300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.7660	0.7660	4.0000e-005	0.0000	0.7670
Total	**0.1863**	**3.4400e-003**	**5.4300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.7660**	**0.7660**	**4.0000e-005**	**0.0000**	**0.7670**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442
Total	**2.0000e-005**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0442**	**0.0442**	**0.0000**	**0.0000**	**0.0442**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1858					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-005	3.9000e-004	5.5000e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7660	0.7660	4.0000e-005	0.0000	0.7670
Total	**0.1859**	**3.9000e-004**	**5.5000e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**4.0000e-005**	**0.0000**	**0.7670**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442

Total	**2.0000e-005**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0442**	**0.0442**	**0.0000**	**0.0000**	**0.0442**

3.8 Renovation - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.4600e-003	0.0435	0.0633	1.0000e-004		1.9300e-003	1.9300e-003		1.8500e-003	1.8500e-003	0.0000	8.4423	8.4423	1.6400e-003	0.0000	8.4834
Total	**5.4600e-003**	**0.0435**	**0.0633**	**1.0000e-004**		**1.9300e-003**	**1.9300e-003**		**1.8500e-003**	**1.8500e-003**	**0.0000**	**8.4423**	**8.4423**	**1.6400e-003**	**0.0000**	**8.4834**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5800e-003	2.5800e-003	3.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	3.0331	3.0331	1.0000e-004	0.0000	3.0358
Worker	6.1000e-004	3.2000e-004	4.0400e-003	2.0000e-005	2.5000e-003	1.0000e-005	2.5100e-003	6.6000e-004	1.0000e-005	6.8000e-004	0.0000	1.5477	1.5477	2.0000e-005	0.0000	1.5482
Total	**8.6000e-004**	**8.9000e-003**	**6.6200e-003**	**5.0000e-005**	**3.3300e-003**	**2.0000e-005**	**3.3500e-003**	**9.0000e-004**	**2.0000e-005**	**9.3000e-004**	**0.0000**	**4.5808**	**4.5808**	**1.2000e-004**	**0.0000**	**4.5840**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0100e-003	4.3900e-003	0.0624	1.0000e-004		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	8.4423	8.4423	1.6400e-003	0.0000	8.4834
Total	**1.0100e-003**	**4.3900e-003**	**0.0624**	**1.0000e-004**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**8.4423**	**8.4423**	**1.6400e-003**	**0.0000**	**8.4834**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5800e-003	2.5800e-003	3.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	3.0331	3.0331	1.0000e-004	0.0000	3.0358
Worker	6.1000e-004	3.2000e-004	4.0400e-003	2.0000e-005	2.5000e-003	1.0000e-005	2.5100e-003	6.6000e-004	1.0000e-005	6.8000e-004	0.0000	1.5477	1.5477	2.0000e-005	0.0000	1.5482
Total	**8.6000e-004**	**8.9000e-003**	**6.6200e-003**	**5.0000e-005**	**3.3300e-003**	**2.0000e-005**	**3.3500e-003**	**9.0000e-004**	**2.0000e-005**	**9.3000e-004**	**0.0000**	**4.5808**	**4.5808**	**1.2000e-004**	**0.0000**	**4.5840**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

SJCC FMP - Phase 2b - without CDC

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unenclosed Parking with Elevator	180.00	1000sqft	2.20	180,000.00	0
Recreational Swimming Pool	11.00	1000sqft	0.90	11,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Site area estimated based on Google Earth

Construction Phase - CalEEMod default schedule adjusted based on duration of CTE building

Demolition - Area of Building 100

Grading - Site area as estimated using Google Earth. Import/export volumes from response to Construction RFI

Vehicle Trips - Operational emissions not estimated in this run

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 Final equipment assumed for mitigating health risk

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	11.00
tblConstructionPhase	NumDays	8.00	17.00
tblConstructionPhase	NumDays	230.00	492.00
tblConstructionPhase	NumDays	18.00	38.00
tblConstructionPhase	NumDays	18.00	38.00
tblConstructionPhase	PhaseEndDate	8/4/2026	9/15/2026
tblConstructionPhase	PhaseEndDate	8/14/2026	10/8/2026
tblConstructionPhase	PhaseEndDate	7/2/2027	8/28/2028
tblConstructionPhase	PhaseEndDate	7/28/2027	10/18/2028
tblConstructionPhase	PhaseEndDate	8/23/2027	12/11/2028
tblConstructionPhase	PhaseStartDate	7/29/2026	9/1/2026
tblConstructionPhase	PhaseStartDate	8/5/2026	9/16/2026
tblConstructionPhase	PhaseStartDate	8/15/2026	10/9/2026
tblConstructionPhase	PhaseStartDate	7/3/2027	8/26/2028
tblConstructionPhase	PhaseStartDate	7/29/2027	10/19/2028
tblGrading	AcresOfGrading	8.50	3.10
tblGrading	MaterialExported	0.00	10,000.00
tblGrading	MaterialImported	0.00	1,000.00
tblLandUse	LotAcreage	4.13	2.20
tblLandUse	LotAcreage	0.25	0.90
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	33.82	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.1006	1.0211	1.0026	2.62E-03	0.2123	0.0361	0.2483	0.097	0.0336	0.1306	0	235.8171	235.8171	0.0423	0	236.8751
2027	0.2094	1.9221	2.3355	5.14E-03	0.1094	0.0696	0.179	0.0297	0.0655	0.0952	0	455.511	455.511	0.0754	0	457.3969
2028	0.2514	1.4222	1.7986	3.81E-03	0.0771	0.0533	0.1304	0.0209	0.0501	0.071	0	336.4546	336.4546	0.0594	0	337.9405
Maximum	**0.2514**	**1.9221**	**2.3355**	**5.14E-03**	**0.2123**	**0.0696**	**0.2483**	**0.097**	**0.0655**	**0.1306**	**0**	**455.511**	**455.511**	**0.0754**	**0**	**457.3969**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.0322	0.2976	1.126	2.62E-03	0.2123	3.01E-03	0.2153	0.097	2.99E-03	0.1	0	235.8169	235.8169	0.0423	0	236.8749
2027	0.0738	0.5864	2.515	5.14E-03	0.1094	6.10E-03	0.1155	0.0297	6.04E-03	0.0358	0	455.5106	455.5106	0.0754	0	457.3966
2028	0.1485	0.4027	1.9424	3.81E-03	0.0771	4.63E-03	0.0818	0.0209	4.59E-03	0.0255	0	336.4543	336.4543	0.0594	0	337.9402
Maximum	**0.1485**	**0.5864**	**2.515**	**5.14E-03**	**0.2123**	**6.10E-03**	**0.2153**	**0.097**	**6.04E-03**	**0.1**	**0**	**455.5106**	**455.5106**	**0.0754**	**0**	**457.3966**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**54.69**	**70.52**	**-8.70**	**0.00**	**0.00**	**91.36**	**26.03**	**0.00**	**90.87**	**45.66**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**7-1-2026**	**9-30-2026**	0.5323	0.1291
2	**10-1-2026**	**12-31-2026**	0.5767	0.1959
3	**1-1-2027**	**3-31-2027**	0.5259	0.1635
4	**4-1-2027**	**6-30-2027**	0.5302	0.1637
5	**7-1-2027**	**9-30-2027**	0.5360	0.1655

6	**10-1-2027**	**12-31-2027**	0.5376	0.1671
7	**1-1-2028**	**3-31-2028**	0.5303	0.1639
8	**4-1-2028**	**6-30-2028**	0.5288	0.1624
9	**7-1-2028**	**9-30-2028**	0.4510	0.1211
		Highest	0.5767	0.1959

2.2 Overall Operational

Operational emissions not estimated in this run

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2026	7/28/2026	5	20	
2	Site Preparation	Site Preparation	9/1/2026	9/15/2026	5	11	
3	Grading	Grading	9/16/2026	10/8/2026	5	17	
4	Building Construction	Building Construction	10/9/2026	8/28/2028	5	492	
5	Paving	Paving	8/26/2028	10/18/2028	5	38	
6	Architectural Coating	Architectural Coating	10/19/2028	12/11/2028	5	38	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3.1

Acres of Paving: 2.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 16,500; Non-Residential Outdoor: 5,500; Striped Parking Area: 10,800

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73

Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	168.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,375.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	80.00	31.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0182	0	0.0182	2.76E-03	0	2.76E-03	0	0	0	0	0	0
Off-Road	0.0209	0.192	0.1942	3.90E-04		8.53E-03	8.53E-03		7.92E-03	7.92E-03	0	33.9977	33.9977	9.49E-03	0	34.235
Total	**0.0209**	**0.192**	**0.1942**	**3.90E-04**	**0.0182**	**8.53E-03**	**0.0267**	**2.76E-03**	**7.92E-03**	**0.0107**	**0**	**33.9977**	**33.9977**	**9.49E-03**	**0**	**34.235**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.10E-04	0.0127	4.45E-03	6.00E-05	1.42E-03	2.00E-05	1.45E-03	3.90E-04	2.00E-05	4.10E-04	0	5.8723	5.8723	2.50E-04	0	5.8786
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.40E-04	1.90E-04	2.33E-03	1.00E-05	1.19E-03	1.00E-05	1.20E-03	3.20E-04	1.00E-05	3.20E-04	0	0.8105	0.8105	1.00E-05	0	0.8108
Total	**7.50E-04**	**0.0129**	**6.78E-03**	**7.00E-05**	**2.61E-03**	**3.00E-05**	**2.65E-03**	**7.10E-04**	**3.00E-05**	**7.30E-04**	**0**	**6.6828**	**6.6828**	**2.60E-04**	**0**	**6.6894**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					0.0182	0	0.0182	2.76E-03	0	2.76E-03	0	0	0	0	0	0
Off-Road	4.62E-03	0.02	0.2328	3.90E-04		6.20E-04	6.20E-04		6.20E-04	6.20E-04	0	33.9976	33.9976	9.49E-03	0	34.2349
Total	**4.62E-03**	**0.02**	**0.2328**	**3.90E-04**	**0.0182**	**6.20E-04**	**0.0188**	**2.76E-03**	**6.20E-04**	**3.38E-03**	**0**	**33.9976**	**33.9976**	**9.49E-03**	**0**	**34.2349**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.10E-04	0.0127	4.45E-03	6.00E-05	1.42E-03	2.00E-05	1.45E-03	3.90E-04	2.00E-05	4.10E-04	0	5.8723	5.8723	2.50E-04	0	5.8786
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	3.40E-04	1.90E-04	2.33E-03	1.00E-05	1.19E-03	1.00E-05	1.20E-03	3.20E-04	1.00E-05	3.20E-04	0	0.8105	0.8105	1.00E-05	0	0.8108
Total	**7.50E-04**	**0.0129**	**6.78E-03**	**7.00E-05**	**2.61E-03**	**3.00E-05**	**2.65E-03**	**7.10E-04**	**3.00E-05**	**7.30E-04**	**0**	**6.6828**	**6.6828**	**2.60E-04**	**0**	**6.6894**

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0	0.0994	0.0546	0	0.0546	0	0	0	0	0	0
Off-Road	0.0136	0.1388	0.0985	2.10E-04		5.98E-03	5.98E-03		5.50E-03	5.50E-03	0	18.4068	18.4068	5.95E-03	0	18.5557
Total	**0.0136**	**0.1388**	**0.0985**	**2.10E-04**	**0.0994**	**5.98E-03**	**0.1053**	**0.0546**	**5.50E-03**	**0.0601**	**0**	**18.4068**	**18.4068**	**5.95E-03**	**0**	**18.5557**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.30E-04	1.30E-04	1.54E-03	1.00E-05	7.90E-04	0	7.90E-04	2.10E-04	0	2.10E-04	0	0.5349	0.5349	1.00E-05	0	0.5352
Total	**2.30E-04**	**1.30E-04**	**1.54E-03**	**1.00E-05**	**7.90E-04**	**0**	**7.90E-04**	**2.10E-04**	**0**	**2.10E-04**	**0**	**0.5349**	**0.5349**	**1.00E-05**	**0**	**0.5352**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0	0.0994	0.0546	0	0.0546	0	0	0	0	0	0
Off-Road	2.56E-03	0.0111	0.1148	2.10E-04		3.40E-04	3.40E-04		3.40E-04	3.40E-04	0	18.4068	18.4068	5.95E-03	0	18.5557
Total	**2.56E-03**	**0.0111**	**0.1148**	**2.10E-04**	**0.0994**	**3.40E-04**	**0.0997**	**0.0546**	**3.40E-04**	**0.055**	**0**	**18.4068**	**18.4068**	**5.95E-03**	**0**	**18.5557**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.30E-04	1.30E-04	1.54E-03	1.00E-05	7.90E-04	0	7.90E-04	2.10E-04	0	2.10E-04	0	0.5349	0.5349	1.00E-05	0	0.5352
Total	**2.30E-04**	**1.30E-04**	**1.54E-03**	**1.00E-05**	**7.90E-04**	**0**	**7.90E-04**	**2.10E-04**	**0**	**2.10E-04**	**0**	**0.5349**	**0.5349**	**1.00E-05**	**0**	**0.5352**

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0535	0	0.0535	0.0284	0	0.0284	0	0	0	0	0	0
Off-Road	0.0129	0.1302	0.1236	2.50E-04		5.30E-03	5.30E-03		4.88E-03	4.88E-03	0	22.1593	22.1593	7.17E-03	0	22.3385
Total	**0.0129**	**0.1302**	**0.1236**	**2.50E-04**	**0.0535**	**5.30E-03**	**0.0588**	**0.0284**	**4.88E-03**	**0.0333**	**0**	**22.1593**	**22.1593**	**7.17E-03**	**0**	**22.3385**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.36E-03	0.104	0.0364	4.90E-04	0.0117	1.90E-04	0.0119	3.21E-03	1.80E-04	3.39E-03	0	48.0619	48.0619	2.05E-03	0	48.1132
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.90E-04	1.70E-04	1.98E-03	1.00E-05	1.01E-03	1.00E-05	1.02E-03	2.70E-04	1.00E-05	2.70E-04	0	0.6889	0.6889	1.00E-05	0	0.6892
Total	**3.65E-03**	**0.1041**	**0.0384**	**5.00E-04**	**0.0127**	**2.00E-04**	**0.0129**	**3.48E-03**	**1.90E-04**	**3.66E-03**	**0**	**48.7508**	**48.7508**	**2.06E-03**	**0**	**48.8024**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0535	0	0.0535	0.0284	0	0.0284	0	0	0	0	0	0
Off-Road	3.09E-03	0.0134	0.1509	2.50E-04		4.10E-04	4.10E-04		4.10E-04	4.10E-04	0	22.1593	22.1593	7.17E-03	0	22.3385
Total	**3.09E-03**	**0.0134**	**0.1509**	**2.50E-04**	**0.0535**	**4.10E-04**	**0.0539**	**0.0284**	**4.10E-04**	**0.0288**	**0**	**22.1593**	**22.1593**	**7.17E-03**	**0**	**22.3385**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.36E-03	0.104	0.0364	4.90E-04	0.0117	1.90E-04	0.0119	3.21E-03	1.80E-04	3.39E-03	0	48.0619	48.0619	2.05E-03	0	48.1132
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	2.90E-04	1.70E-04	1.98E-03	1.00E-05	1.01E-03	1.00E-05	1.02E-03	2.70E-04	1.00E-05	2.70E-04	0	0.6889	0.6889	1.00E-05	0	0.6892
Total	**3.65E-03**	**0.1041**	**0.0384**	**5.00E-04**	**0.0127**	**2.00E-04**	**0.0129**	**3.48E-03**	**1.90E-04**	**3.66E-03**	**0**	**48.7508**	**48.7508**	**2.06E-03**	**0**	**48.8024**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.041	0.3741	0.4825	8.10E-04		0.0158	0.0158		0.0149	0.0149	0	69.5758	69.5758	0.0164	0	69.9847
Total	**0.041**	**0.3741**	**0.4825**	**8.10E-04**		**0.0158**	**0.0158**		**0.0149**	**0.0149**	**0**	**69.5758**	**69.5758**	**0.0164**	**0**	**69.9847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.96E-03	0.0658	0.0198	2.40E-04	6.12E-03	8.00E-05	6.20E-03	1.77E-03	7.00E-05	1.84E-03	0	22.7408	22.7408	8.10E-04	0	22.7609
Worker	5.47E-03	3.11E-03	0.0372	1.40E-04	0.019	1.10E-04	0.0191	5.06E-03	1.00E-04	5.16E-03	0	12.9681	12.9681	2.10E-04	0	12.9734

Total	**7.43E-03**	**0.0689**	**0.0571**	**3.80E-04**	**0.0252**	**1.90E-04**	**0.0253**	**6.83E-03**	**1.70E-04**	**7.00E-03**	**0**	**35.7089**	**35.7089**	**1.02E-03**	**0**	**35.7343**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.83E-03	0.067	0.5238	8.10E-04		1.22E-03	1.22E-03		1.22E-03	1.22E-03	0	69.5758	69.5758	0.0164	0	69.9846
Total	**9.83E-03**	**0.067**	**0.5238**	**8.10E-04**		**1.22E-03**	**1.22E-03**		**1.22E-03**	**1.22E-03**	**0**	**69.5758**	**69.5758**	**0.0164**	**0**	**69.9846**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	1.96E-03	0.0658	0.0198	2.40E-04	6.12E-03	8.00E-05	6.20E-03	1.77E-03	7.00E-05	1.84E-03	0	22.7408	22.7408	8.10E-04	0	22.7609
Worker	5.47E-03	3.11E-03	0.0372	1.40E-04	0.019	1.10E-04	0.0191	5.06E-03	1.00E-04	5.16E-03	0	12.9681	12.9681	2.10E-04	0	12.9734
Total	**7.43E-03**	**0.0689**	**0.0571**	**3.80E-04**	**0.0252**	**1.90E-04**	**0.0253**	**6.83E-03**	**1.70E-04**	**7.00E-03**	**0**	**35.7089**	**35.7089**	**1.02E-03**	**0**	**35.7343**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.52E-03		0.0689	0.0689		0.0648	0.0648	0	302.6549	302.6549	0.0711	0	304.4335

Total	**0.1785**	**1.6273**	**2.0991**	**3.52E-03**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0**	**302.6549**	**302.6549**	**0.0711**	**0**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.34E-03	0.2824	0.0849	1.02E-03	0.0266	3.20E-04	0.027	7.70E-03	3.10E-04	8.01E-03	0	98.3693	98.3693	3.44E-03	0	98.4554
Worker	0.0226	0.0124	0.1516	6.00E-04	0.0828	4.50E-04	0.0833	0.022	4.10E-04	0.0224	0	54.4868	54.4868	8.50E-04	0	54.5081
Total	**0.031**	**0.2948**	**0.2365**	**1.62E-03**	**0.1094**	**7.70E-04**	**0.1102**	**0.0297**	**7.20E-04**	**0.0304**	**0**	**152.8561**	**152.8561**	**4.29E-03**	**0**	**152.9634**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	3.52E-03		5.32E-03	5.32E-03		5.32E-03	5.32E-03	0	302.6545	302.6545	0.0711	0	304.4331
Total	**0.0428**	**0.2916**	**2.2786**	**3.52E-03**		**5.32E-03**	**5.32E-03**		**5.32E-03**	**5.32E-03**	**0**	**302.6545**	**302.6545**	**0.0711**	**0**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	8.34E-03	0.2824	0.0849	1.02E-03	0.0266	3.20E-04	0.027	7.70E-03	3.10E-04	8.01E-03	0	98.3693	98.3693	3.44E-03	0	98.4554

Worker	0.0226	0.0124	0.1516	6.00E-04	0.0828	4.50E-04	0.0833	0.022	4.10E-04	0.0224	0	54.4868	54.4868	8.50E-04	0	54.5081
Total	**0.031**	**0.2948**	**0.2365**	**1.62E-03**	**0.1094**	**7.70E-04**	**0.1102**	**0.0297**	**7.20E-04**	**0.0304**	**0**	**152.8561**	**152.8561**	**4.29E-03**	**0**	**152.9634**

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1169	1.0662	1.3752	2.31E-03		0.0451	0.0451		0.0424	0.0424	0	198.2911	198.2911	0.0466	0	199.4564
Total	**0.1169**	**1.0662**	**1.3752**	**2.31E-03**		**0.0451**	**0.0451**		**0.0424**	**0.0424**	**0**	**198.2911**	**198.2911**	**0.0466**	**0**	**199.4564**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.37E-03	0.1829	0.0549	6.70E-04	0.0174	2.10E-04	0.0177	5.04E-03	2.00E-04	5.24E-03	0	64.148	64.148	2.22E-03	0	64.2035
Worker	0.014	7.50E-03	0.0934	3.80E-04	0.0543	2.70E-04	0.0545	0.0144	2.50E-04	0.0147	0	34.5869	34.5869	5.10E-04	0	34.5997
Total	**0.0194**	**0.1904**	**0.1483**	**1.05E-03**	**0.0717**	**4.80E-04**	**0.0722**	**0.0195**	**4.50E-04**	**0.0199**	**0**	**98.7349**	**98.7349**	**2.73E-03**	**0**	**98.8032**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.028	0.1911	1.4929	2.31E-03		3.49E-03	3.49E-03		3.49E-03	3.49E-03	0	198.2909	198.2909	0.0466	0	199.4562

Total	**0.028**	**0.1911**	**1.4929**	**2.31E-03**		**3.49E-03**	**3.49E-03**		**3.49E-03**	**3.49E-03**	**0**	**198.2909**	**198.2909**	**0.0466**	**0**	**199.4562**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	5.37E-03	0.1829	0.0549	6.70E-04	0.0174	2.10E-04	0.0177	5.04E-03	2.00E-04	5.24E-03	0	64.148	64.148	2.22E-03	0	64.2035
Worker	0.014	7.50E-03	0.0934	3.80E-04	0.0543	2.70E-04	0.0545	0.0144	2.50E-04	0.0147	0	34.5869	34.5869	5.10E-04	0	34.5997
Total	**0.0194**	**0.1904**	**0.1483**	**1.05E-03**	**0.0717**	**4.80E-04**	**0.0722**	**0.0195**	**4.50E-04**	**0.0199**	**0**	**98.7349**	**98.7349**	**2.73E-03**	**0**	**98.8032**

3.6 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0156	0.1431	0.2314	3.60E-04		6.70E-03	6.70E-03		6.19E-03	6.19E-03	0	31.1187	31.1187	9.78E-03	0	31.3631
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**0.0156**	**0.1431**	**0.2314**	**3.60E-04**		**6.70E-03**	**6.70E-03**		**6.19E-03**	**6.19E-03**	**0**	**31.1187**	**31.1187**	**9.78E-03**	**0**	**31.3631**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	7.80E-04	4.20E-04	5.19E-03	2.00E-05	3.01E-03	2.00E-05	3.03E-03	8.00E-04	1.00E-05	8.20E-04	0	1.9215	1.9215	3.00E-05	0	1.9222
Total	**7.80E-04**	**4.20E-04**	**5.19E-03**	**2.00E-05**	**3.01E-03**	**2.00E-05**	**3.03E-03**	**8.00E-04**	**1.00E-05**	**8.20E-04**	**0**	**1.9215**	**1.9215**	**3.00E-05**	**0**	**1.9222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.17E-03	0.0181	0.2571	3.60E-04		5.60E-04	5.60E-04		5.60E-04	5.60E-04	0	31.1186	31.1186	9.78E-03	0	31.3631
Paving	0					0	0		0	0	0	0	0	0	0	0
Total	**4.17E-03**	**0.0181**	**0.2571**	**3.60E-04**		**5.60E-04**	**5.60E-04**		**5.60E-04**	**5.60E-04**	**0**	**31.1186**	**31.1186**	**9.78E-03**	**0**	**31.3631**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	7.80E-04	4.20E-04	5.19E-03	2.00E-05	3.01E-03	2.00E-05	3.03E-03	8.00E-04	1.00E-05	8.20E-04	0	1.9215	1.9215	3.00E-05	0	1.9222
Total	**7.80E-04**	**4.20E-04**	**5.19E-03**	**2.00E-05**	**3.01E-03**	**2.00E-05**	**3.03E-03**	**8.00E-04**	**1.00E-05**	**8.20E-04**	**0**	**1.9215**	**1.9215**	**3.00E-05**	**0**	**1.9222**

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Archit. Coating	0.0949					0	0		0	0	0	0	0	0	0	0
Off-Road	3.25E-03	0.0218	0.0344	6.00E-05		9.80E-04	9.80E-04		9.80E-04	9.80E-04	0	4.8512	4.8512	2.60E-04	0	4.8578
Total	**0.0982**	**0.0218**	**0.0344**	**6.00E-05**		**9.80E-04**	**9.80E-04**		**9.80E-04**	**9.80E-04**	**0**	**4.8512**	**4.8512**	**2.60E-04**	**0**	**4.8578**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	6.20E-04	3.30E-04	4.15E-03	2.00E-05	2.41E-03	1.00E-05	2.42E-03	6.40E-04	1.00E-05	6.50E-04	0	1.5372	1.5372	2.00E-05	0	1.5378
Total	**6.20E-04**	**3.30E-04**	**4.15E-03**	**2.00E-05**	**2.41E-03**	**1.00E-05**	**2.42E-03**	**6.40E-04**	**1.00E-05**	**6.50E-04**	**0**	**1.5372**	**1.5372**	**2.00E-05**	**0**	**1.5378**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0949					0	0		0	0	0	0	0	0	0	0
Off-Road	5.60E-04	2.45E-03	0.0348	6.00E-05		8.00E-05	8.00E-05		8.00E-05	8.00E-05	0	4.8512	4.8512	2.60E-04	0	4.8578
Total	**0.0955**	**2.45E-03**	**0.0348**	**6.00E-05**		**8.00E-05**	**8.00E-05**		**8.00E-05**	**8.00E-05**	**0**	**4.8512**	**4.8512**	**2.60E-04**	**0**	**4.8578**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker	6.20E-04	3.30E-04	4.15E-03	2.00E-05	2.41E-03	1.00E-05	2.42E-03	6.40E-04	1.00E-05	6.50E-04	0	1.5372	1.5372	2.00E-05	0	1.5378
Total	**6.20E-04**	**3.30E-04**	**4.15E-03**	**2.00E-05**	**2.41E-03**	**1.00E-05**	**2.42E-03**	**6.40E-04**	**1.00E-05**	**6.50E-04**	**0**	**1.5372**	**1.5372**	**2.00E-05**	**0**	**1.5378**

4.0 Operational Detail - Mobile

Operational emissions not estimated in this run

AERMOD Outputs

AERMOD (19 91): C:\Lakes\A ERMOD Vie CC FMP_const\SJCC FM P_const .isc 1/6/2021
AERMET (19 91): 19:19:56
MODELING C IONS USED: Re gDFAULT C ELEV FL GPOL URBA N ADJ_ U*
PLOT FILE OF ANNUAL VALUES AVI GED ACROS 5 YEARS FOR SO URCE GRO UP: SRCGP6
FOR A TOTAL OF 200 1 RECEPTORS.
FORM AT: (3(1X,F13.5),3(1X,F8.2) 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.89	4130188.63	0.06743	46.81	46.81	1.5	ANNUAL	SRCGP6	5	
594481.89	4130188.63	0.06969	46.84	46.84	1.5	ANNUAL	SRCGP6	5	
594501.89	4130188.63	0.07212	46.82	46.82	1.5	ANNUAL	SRCGP6	5	
594521.89	4130188.63	0.07475	46.7	46.7	1.5	ANNUAL	SRCGP6	5	
594541.89	4130188.63	0.07754	46.61	46.61	1.5	ANNUAL	SRCGP6	5	
594561.89	4130188.63	0.08057	46.45	46.45	1.5	ANNUAL	SRCGP6	5	
594421.89	4130208.63	0.0673	46.02	46.02	1.5	ANNUAL	SRCGP6	5	
594441.89	4130208.63	0.06955	46.01	46.01	1.5	ANNUAL	SRCGP6	5	
594461.89	4130208.63	0.07183	46.26	46.26	1.5	ANNUAL	SRCGP6	5	
594481.89	4130208.63	0.07433	46.32	46.32	1.5	ANNUAL	SRCGP6	5	
594501.89	4130208.63	0.07677	46.8	46.8	1.5	ANNUAL	SRCGP6	5	
594521.89	4130208.63	0.0796	46.82	46.82	1.5	ANNUAL	SRCGP6	5	
594541.89	4130208.63	0.08261	46.85	46.85	1.5	ANNUAL	SRCGP6	5	
594561.89	4130208.63	0.08595	46.7	46.7	1.5	ANNUAL	SRCGP6	5	
594581.89	4130208.63	0.08994	45.96	45.96	1.5	ANNUAL	SRCGP6	5	
594421.89	4130228.63	0.07133	46.01	46.01	1.5	ANNUAL	SRCGP6	5	
594441.89	4130228.63	0.07381	46.01	46.01	1.5	ANNUAL	SRCGP6	5	
594461.89	4130228.63	0.07645	46.01	46.01	1.5	ANNUAL	SRCGP6	5	
594481.89	4130228.63	0.07918	46.18	46.18	1.5	ANNUAL	SRCGP6	5	
594501.89	4130228.63	0.08204	46.42	46.42	1.5	ANNUAL	SRCGP6	5	
594521.89	4130228.63	0.08511	46.6	46.6	1.5	ANNUAL	SRCGP6	5	
594541.89	4130228.63	0.08839	46.75	46.75	1.5	ANNUAL	SRCGP6	5	
594561.89	4130228.63	0.09239	46.19	46.19	1.5	ANNUAL	SRCGP6	5	
594581.89	4130228.63	0.09829	45.57	45.57	1.5	ANNUAL	SRCGP6	5	
594421.89	4130248.63	0.07567	45.94	45.94	1.5	ANNUAL	SRCGP6	5	
594441.89	4130248.63	0.07842	45.94	45.94	1.5	ANNUAL	SRCGP6	5	
594461.89	4130248.63	0.08135	45.94	45.94	1.5	ANNUAL	SRCGP6	5	
594481.89	4130248.63	0.08446	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594501.89	4130248.63	0.08773	46.08	46.08	1.5	ANNUAL	SRCGP6	5	
594521.89	4130248.63	0.09124	46.15	46.15	1.5	ANNUAL	SRCGP6	5	
594561.89	4130248.63	0.10085	45.4	45.4	1.5	ANNUAL	SRCGP6	5	
594581.89	4130248.63	0.1056	45	45	1.5	ANNUAL	SRCGP6	5	
594421.89	4130268.63	0.0803	45.9	45.9	1.5	ANNUAL	SRCGP6	5	
594441.89	4130268.63	0.08334	45.93	45.93	1.5	ANNUAL	SRCGP6	5	
594461.89	4130268.63	0.08659	45.92	45.92	1.5	ANNUAL	SRCGP6	5	
594421.89	4130288.63	0.08515	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594441.89	4130288.63	0.08852	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594461.89	4130288.63	0.09214	45.95	45.95	1.5	ANNUAL	SRCGP6	5	
594421.89	4130308.63	0.09026	46	46	1.5	ANNUAL	SRCGP6	5	
594441.89	4130308.63	0.09398	46.04	46.04	1.5	ANNUAL	SRCGP6	5	
594461.89	4130308.63	0.09801	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594361.89	4130488.63	0.13278	42.59	42.59	1.5	ANNUAL	SRCGP6	5	
594381.89	4130488.63	0.14002	42.59	42.59	1.5	ANNUAL	SRCGP6	5	
594401.89	4130488.63	0.14798	42.5	42.5	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594261.22	4129769.7	0.02177	47.77	47.77	1.5	ANNUAL	SRCGP6	5	
594281.44	4129769.7	0.02197	47.78	47.78	1.5	ANNUAL	SRCGP6	5	
594301.66	4129769.7	0.02215	47.68	47.68	1.5	ANNUAL	SRCGP6	5	
594321.88	4129769.7	0.0223	47.73	47.73	1.5	ANNUAL	SRCGP6	5	
594342.1	4129769.7	0.02245	47.62	47.62	1.5	ANNUAL	SRCGP6	5	
594362.32	4129769.7	0.02257	47.63	47.63	1.5	ANNUAL	SRCGP6	5	
594382.54	4129769.7	0.02268	47.58	47.58	1.5	ANNUAL	SRCGP6	5	
594402.76	4129769.7	0.02278	47.37	47.37	1.5	ANNUAL	SRCGP6	5	
594422.98	4129769.7	0.02285	47.36	47.36	1.5	ANNUAL	SRCGP6	5	
594443.2	4129769.7	0.02292	47.21	47.21	1.5	ANNUAL	SRCGP6	5	
594261.22	4129789.7	0.02259	47.73	47.73	1.5	ANNUAL	SRCGP6	5	
594281.44	4129789.7	0.02283	47.63	47.63	1.5	ANNUAL	SRCGP6	5	
594301.66	4129789.7	0.02306	47.64	47.64	1.5	ANNUAL	SRCGP6	5	
594321.88	4129789.7	0.02326	47.78	47.78	1.5	ANNUAL	SRCGP6	5	
594342.1	4129789.7	0.02344	47.98	47.98	1.5	ANNUAL	SRCGP6	5	
594362.32	4129789.7	0.02363	47.46	47.46	1.5	ANNUAL	SRCGP6	5	
594382.54	4129789.7	0.02378	47.4	47.4	1.5	ANNUAL	SRCGP6	5	
594402.76	4129789.7	0.02393	47.22	47.22	1.5	ANNUAL	SRCGP6	5	
594422.98	4129789.7	0.02404	47.19	47.19	1.5	ANNUAL	SRCGP6	5	
594443.2	4129789.7	0.02414	47.21	47.21	1.5	ANNUAL	SRCGP6	5	
594261.22	4129809.7	0.02342	47.82	47.82	1.5	ANNUAL	SRCGP6	5	
594281.44	4129809.7	0.02369	47.95	47.95	1.5	ANNUAL	SRCGP6	5	
594301.66	4129809.7	0.02397	47.8	47.8	1.5	ANNUAL	SRCGP6	5	
594321.88	4129809.7	0.02423	47.74	47.74	1.5	ANNUAL	SRCGP6	5	
594342.1	4129809.7	0.02447	47.82	47.82	1.5	ANNUAL	SRCGP6	5	
594362.32	4129809.7	0.02472	47.28	47.28	1.5	ANNUAL	SRCGP6	5	
594382.54	4129809.7	0.02491	47.48	47.48	1.5	ANNUAL	SRCGP6	5	
594402.76	4129809.7	0.0251	47.26	47.26	1.5	ANNUAL	SRCGP6	5	
594422.98	4129809.7	0.02525	47.45	47.45	1.5	ANNUAL	SRCGP6	5	
594443.2	4129809.7	0.02541	47.19	47.19	1.5	ANNUAL	SRCGP6	5	
594261.22	4129849.7	0.02516	47.39	47.39	1.5	ANNUAL	SRCGP6	5	
594281.44	4129849.7	0.02552	47.5	47.5	1.5	ANNUAL	SRCGP6	5	
594301.66	4129849.7	0.02588	47.62	47.62	1.5	ANNUAL	SRCGP6	5	
594321.88	4129849.7	0.02623	47.72	47.72	1.5	ANNUAL	SRCGP6	5	
594342.1	4129849.7	0.02658	47.64	47.64	1.5	ANNUAL	SRCGP6	5	
594362.32	4129849.7	0.02694	47.3	47.3	1.5	ANNUAL	SRCGP6	5	
594382.54	4129849.7	0.02727	47.25	47.25	1.5	ANNUAL	SRCGP6	5	
594402.76	4129849.7	0.02759	47.02	47.02	1.5	ANNUAL	SRCGP6	5	
594422.98	4129849.7	0.02787	47.06	47.06	1.5	ANNUAL	SRCGP6	5	
594443.2	4129849.7	0.02814	47.02	47.02	1.5	ANNUAL	SRCGP6	5	
594463.42	4129849.7	0.02838	46.96	46.96	1.5	ANNUAL	SRCGP6	5	
594483.64	4129849.7	0.0286	46.99	46.99	1.5	ANNUAL	SRCGP6	5	
594503.86	4129849.7	0.0288	46.95	46.95	1.5	ANNUAL	SRCGP6	5	
594524.08	4129849.7	0.02897	47	47	1.5	ANNUAL	SRCGP6	5	
594544.3	4129849.7	0.02911	47.1	47.1	1.5	ANNUAL	SRCGP6	5	
594564.52	4129849.7	0.02926	47.14	47.14	1.5	ANNUAL	SRCGP6	5	
594584.74	4129849.7	0.02939	47.25	47.25	1.5	ANNUAL	SRCGP6	5	
594604.96	4129849.7	0.02954	47.31	47.31	1.5	ANNUAL	SRCGP6	5	
594625.18	4129849.7	0.02971	47.4	47.4	1.5	ANNUAL	SRCGP6	5	
594261.22	4129869.7	0.02604	47.43	47.43	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594281.44	4129869.7	0.02648	47.21	47.21	1.5	ANNUAL	SRCGP6	5	
594301.66	4129869.7	0.02686	47.6	47.6	1.5	ANNUAL	SRCGP6	5	
594321.88	4129869.7	0.02728	47.4	47.4	1.5	ANNUAL	SRCGP6	5	
594342.1	4129869.7	0.02768	47.54	47.54	1.5	ANNUAL	SRCGP6	5	
594362.32	4129869.7	0.02808	47.44	47.44	1.5	ANNUAL	SRCGP6	5	
594382.54	4129869.7	0.02849	47.21	47.21	1.5	ANNUAL	SRCGP6	5	
594402.76	4129869.7	0.02887	47.06	47.06	1.5	ANNUAL	SRCGP6	5	
594422.98	4129869.7	0.02923	47.03	47.03	1.5	ANNUAL	SRCGP6	5	
594443.2	4129869.7	0.02958	46.88	46.88	1.5	ANNUAL	SRCGP6	5	
594463.42	4129869.7	0.02989	46.93	46.93	1.5	ANNUAL	SRCGP6	5	
594483.64	4129869.7	0.03018	46.92	46.92	1.5	ANNUAL	SRCGP6	5	
594503.86	4129869.7	0.03044	46.94	46.94	1.5	ANNUAL	SRCGP6	5	
594524.08	4129869.7	0.03068	46.98	46.98	1.5	ANNUAL	SRCGP6	5	
594544.3	4129869.7	0.0309	47	47	1.5	ANNUAL	SRCGP6	5	
594564.52	4129869.7	0.03109	47.08	47.08	1.5	ANNUAL	SRCGP6	5	
594584.74	4129869.7	0.03126	47.18	47.18	1.5	ANNUAL	SRCGP6	5	
594604.96	4129869.7	0.03144	47.27	47.27	1.5	ANNUAL	SRCGP6	5	
594625.18	4129869.7	0.03167	47.16	47.16	1.5	ANNUAL	SRCGP6	5	
594261.22	4129889.7	0.027	47.16	47.16	1.5	ANNUAL	SRCGP6	5	
594281.44	4129889.7	0.02745	47.13	47.13	1.5	ANNUAL	SRCGP6	5	
594301.66	4129889.7	0.0279	47.25	47.25	1.5	ANNUAL	SRCGP6	5	
594321.88	4129889.7	0.02838	47.06	47.06	1.5	ANNUAL	SRCGP6	5	
594342.1	4129889.7	0.02884	47.1	47.1	1.5	ANNUAL	SRCGP6	5	
594362.32	4129889.7	0.02929	47.13	47.13	1.5	ANNUAL	SRCGP6	5	
594382.54	4129889.7	0.02975	47.05	47.05	1.5	ANNUAL	SRCGP6	5	
594402.76	4129889.7	0.0302	47	47	1.5	ANNUAL	SRCGP6	5	
594422.98	4129889.7	0.03063	46.99	46.99	1.5	ANNUAL	SRCGP6	5	
594443.2	4129889.7	0.03106	46.79	46.79	1.5	ANNUAL	SRCGP6	5	
594463.42	4129889.7	0.03146	46.73	46.73	1.5	ANNUAL	SRCGP6	5	
594483.64	4129889.7	0.03183	46.79	46.79	1.5	ANNUAL	SRCGP6	5	
594503.86	4129889.7	0.03219	46.75	46.75	1.5	ANNUAL	SRCGP6	5	
594524.08	4129889.7	0.03249	46.9	46.9	1.5	ANNUAL	SRCGP6	5	
594544.3	4129889.7	0.03279	46.89	46.89	1.5	ANNUAL	SRCGP6	5	
594564.52	4129889.7	0.03304	47.07	47.07	1.5	ANNUAL	SRCGP6	5	
594584.74	4129889.7	0.03324	47.34	47.34	1.5	ANNUAL	SRCGP6	5	
594301.66	4129929.7	0.03007	47.08	47.08	1.5	ANNUAL	SRCGP6	5	
594321.88	4129929.7	0.03063	47.08	47.08	1.5	ANNUAL	SRCGP6	5	
594342.1	4129929.7	0.03118	47.21	47.21	1.5	ANNUAL	SRCGP6	5	
594362.32	4129929.7	0.03179	47.03	47.03	1.5	ANNUAL	SRCGP6	5	
594422.98	4129929.7	0.03357	46.87	46.87	1.5	ANNUAL	SRCGP6	5	
594443.2	4129929.7	0.03416	46.84	46.84	1.5	ANNUAL	SRCGP6	5	
594301.66	4129949.7	0.03122	47.11	47.11	1.5	ANNUAL	SRCGP6	5	
594321.88	4129949.7	0.03184	47.07	47.07	1.5	ANNUAL	SRCGP6	5	
594342.1	4129949.7	0.03245	47.14	47.14	1.5	ANNUAL	SRCGP6	5	
594362.32	4129949.7	0.03311	47.01	47.01	1.5	ANNUAL	SRCGP6	5	
594402.76	4129949.7	0.03444	46.87	46.87	1.5	ANNUAL	SRCGP6	5	
594422.98	4129949.7	0.03512	46.83	46.83	1.5	ANNUAL	SRCGP6	5	
594443.2	4129949.7	0.03579	46.82	46.82	1.5	ANNUAL	SRCGP6	5	
594463.42	4129949.7	0.03645	46.88	46.88	1.5	ANNUAL	SRCGP6	5	
594402.76	4129969.7	0.03597	46.88	46.88	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594422.98	4129969.7	0.03673	46.81	46.81	1.5	ANNUAL	SRCGP6	5	
594443.2	4129969.7	0.03748	46.87	46.87	1.5	ANNUAL	SRCGP6	5	
594463.42	4129969.7	0.03824	46.91	46.91	1.5	ANNUAL	SRCGP6	5	
594261.22	4129989.7	0.03244	46.96	46.96	1.5	ANNUAL	SRCGP6	5	
594281.44	4129989.7	0.03312	46.88	46.88	1.5	ANNUAL	SRCGP6	5	
594301.66	4129989.7	0.03382	46.76	46.76	1.5	ANNUAL	SRCGP6	5	
594321.88	4129989.7	0.03452	46.79	46.79	1.5	ANNUAL	SRCGP6	5	
594342.1	4129989.7	0.03529	46.63	46.63	1.5	ANNUAL	SRCGP6	5	
594362.32	4129989.7	0.03606	46.54	46.54	1.5	ANNUAL	SRCGP6	5	
594422.98	4129989.7	0.03842	46.79	46.79	1.5	ANNUAL	SRCGP6	5	
594443.2	4129989.7	0.03927	46.8	46.8	1.5	ANNUAL	SRCGP6	5	
594463.42	4129989.7	0.04012	46.86	46.86	1.5	ANNUAL	SRCGP6	5	
594342.1	4130009.7	0.03682	46.52	46.52	1.5	ANNUAL	SRCGP6	5	
594362.32	4130009.7	0.03764	46.52	46.52	1.5	ANNUAL	SRCGP6	5	
594382.54	4130009.7	0.03852	46.4	46.4	1.5	ANNUAL	SRCGP6	5	
594422.98	4130009.7	0.04033	46.3	46.3	1.5	ANNUAL	SRCGP6	5	
594342.1	4130029.7	0.03854	46.06	46.06	1.5	ANNUAL	SRCGP6	5	
594362.32	4130029.7	0.03944	46.03	46.03	1.5	ANNUAL	SRCGP6	5	
594382.54	4130029.7	0.04034	46.1	46.1	1.5	ANNUAL	SRCGP6	5	
594422.98	4130029.7	0.04229	46.15	46.15	1.5	ANNUAL	SRCGP6	5	
594321.88	4130049.7	0.03934	46.11	46.11	1.5	ANNUAL	SRCGP6	5	
594342.1	4130049.7	0.04027	46.08	46.08	1.5	ANNUAL	SRCGP6	5	
594362.32	4130049.7	0.04124	46.02	46.02	1.5	ANNUAL	SRCGP6	5	
594382.54	4130049.7	0.0422	46.14	46.14	1.5	ANNUAL	SRCGP6	5	
594422.98	4130049.7	0.0443	46.25	46.25	1.5	ANNUAL	SRCGP6	5	
594443.2	4130049.7	0.0454	46.34	46.34	1.5	ANNUAL	SRCGP6	5	
594463.42	4130049.7	0.04657	46.36	46.36	1.5	ANNUAL	SRCGP6	5	
594443.2	4130089.7	0.0503	45.91	45.91	1.5	ANNUAL	SRCGP6	5	
594463.42	4130089.7	0.05166	46.05	46.05	1.5	ANNUAL	SRCGP6	5	
594321.88	4130109.7	0.04507	46.22	46.22	1.5	ANNUAL	SRCGP6	5	
594342.1	4130109.7	0.04623	46.15	46.15	1.5	ANNUAL	SRCGP6	5	
594362.32	4130109.7	0.04851	45.72	45.72	1.5	ANNUAL	SRCGP6	5	
594402.76	4130109.7	0.05012	45.82	45.82	1.5	ANNUAL	SRCGP6	5	
594422.98	4130109.7	0.05145	46.03	46.03	1.5	ANNUAL	SRCGP6	5	
594443.2	4130109.7	0.05293	45.98	45.98	1.5	ANNUAL	SRCGP6	5	
594463.42	4130109.7	0.05446	46.01	46.01	1.5	ANNUAL	SRCGP6	5	
594321.88	4130129.7	0.04736	45.91	45.91	1.5	ANNUAL	SRCGP6	5	
594342.1	4130129.7	0.04863	45.82	45.82	1.5	ANNUAL	SRCGP6	5	
594362.32	4130129.7	0.05091	45.47	45.47	1.5	ANNUAL	SRCGP6	5	
594402.76	4130129.7	0.05265	46.12	46.12	1.5	ANNUAL	SRCGP6	5	
594422.98	4130129.7	0.05408	46.34	46.34	1.5	ANNUAL	SRCGP6	5	
594443.2	4130129.7	0.05579	46.02	46.02	1.5	ANNUAL	SRCGP6	5	
594463.42	4130129.7	0.05754	45.86	45.86	1.5	ANNUAL	SRCGP6	5	
594321.88	4130149.7	0.05052	45.64	45.64	1.5	ANNUAL	SRCGP6	5	
594342.1	4130149.7	0.05194	45.56	45.56	1.5	ANNUAL	SRCGP6	5	
594362.32	4130149.7	0.05344	45.36	45.36	1.5	ANNUAL	SRCGP6	5	
594422.98	4130149.7	0.05692	46.7	46.7	1.5	ANNUAL	SRCGP6	5	
594443.2	4130149.7	0.05878	46.34	46.34	1.5	ANNUAL	SRCGP6	5	
594463.42	4130149.7	0.06066	46.24	46.24	1.5	ANNUAL	SRCGP6	5	
594483.64	4130149.7	0.06266	46.1	46.1	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594503.86	4130149.7	0.06475	46.02	46.02	1.5	ANNUAL	SRCGP6	5	
594524.08	4130149.7	0.06691	46.08	46.08	1.5	ANNUAL	SRCGP6	5	
594544.3	4130149.7	0.06929	45.96	45.96	1.5	ANNUAL	SRCGP6	5	
594564.52	4130149.7	0.07343	45.71	45.71	1.5	ANNUAL	SRCGP6	5	
594584.74	4130149.7	0.07614	45.58	45.58	1.5	ANNUAL	SRCGP6	5	
594301.66	4130169.7	0.05155	45.46	45.46	1.5	ANNUAL	SRCGP6	5	
594321.88	4130169.7	0.05302	45.36	45.36	1.5	ANNUAL	SRCGP6	5	
594342.1	4130169.7	0.05455	45.38	45.38	1.5	ANNUAL	SRCGP6	5	
594362.32	4130169.7	0.05616	45.44	45.44	1.5	ANNUAL	SRCGP6	5	
594422.98	4130169.7	0.06005	46.88	46.88	1.5	ANNUAL	SRCGP6	5	
594443.2	4130169.7	0.06198	46.77	46.77	1.5	ANNUAL	SRCGP6	5	
594463.42	4130169.7	0.064	46.72	46.72	1.5	ANNUAL	SRCGP6	5	
594483.64	4130169.7	0.06614	46.67	46.67	1.5	ANNUAL	SRCGP6	5	
594503.86	4130169.7	0.06846	46.51	46.51	1.5	ANNUAL	SRCGP6	5	
594524.08	4130169.7	0.07091	46.41	46.41	1.5	ANNUAL	SRCGP6	5	
594544.3	4130169.7	0.07354	46.26	46.26	1.5	ANNUAL	SRCGP6	5	
594564.52	4130169.7	0.07648	45.88	45.88	1.5	ANNUAL	SRCGP6	5	
594790.33	4129651.74	0.02626	49.15	49.15	1.5	ANNUAL	SRCGP6	5	
594810.33	4129651.74	0.02775	49.15	49.15	1.5	ANNUAL	SRCGP6	5	
594830.33	4129651.74	0.02938	49.14	49.14	1.5	ANNUAL	SRCGP6	5	
594850.33	4129651.74	0.03116	49.18	49.18	1.5	ANNUAL	SRCGP6	5	
594870.33	4129651.74	0.03309	49.15	49.15	1.5	ANNUAL	SRCGP6	5	
594890.33	4129651.74	0.03521	48.97	48.97	1.5	ANNUAL	SRCGP6	5	
594910.33	4129651.74	0.03745	48.87	48.87	1.5	ANNUAL	SRCGP6	5	
594930.33	4129651.74	0.03984	48.81	48.81	1.5	ANNUAL	SRCGP6	5	
594950.33	4129651.74	0.04242	48.63	48.63	1.5	ANNUAL	SRCGP6	5	
594970.33	4129651.74	0.04519	48.49	48.49	1.5	ANNUAL	SRCGP6	5	
594990.33	4129651.74	0.04819	48.3	48.3	1.5	ANNUAL	SRCGP6	5	
595010.33	4129651.74	0.0515	48.05	48.05	1.5	ANNUAL	SRCGP6	5	
595030.33	4129651.74	0.05517	47.79	47.79	1.5	ANNUAL	SRCGP6	5	
595050.33	4129651.74	0.05903	47.99	47.99	1.5	ANNUAL	SRCGP6	5	
595070.33	4129651.74	0.06382	47.33	47.33	1.5	ANNUAL	SRCGP6	5	
595090.33	4129651.74	0.06879	47.35	47.35	1.5	ANNUAL	SRCGP6	5	
594790.33	4129671.74	0.02687	48.86	48.86	1.5	ANNUAL	SRCGP6	5	
594810.33	4129671.74	0.02837	48.93	48.93	1.5	ANNUAL	SRCGP6	5	
594830.33	4129671.74	0.03003	49.02	49.02	1.5	ANNUAL	SRCGP6	5	
594850.33	4129671.74	0.03189	48.97	48.97	1.5	ANNUAL	SRCGP6	5	
594870.33	4129671.74	0.03391	48.92	48.92	1.5	ANNUAL	SRCGP6	5	
594890.33	4129671.74	0.03608	48.94	48.94	1.5	ANNUAL	SRCGP6	5	
594910.33	4129671.74	0.03843	48.84	48.84	1.5	ANNUAL	SRCGP6	5	
594930.33	4129671.74	0.04098	48.65	48.65	1.5	ANNUAL	SRCGP6	5	
594950.33	4129671.74	0.0437	48.52	48.52	1.5	ANNUAL	SRCGP6	5	
594970.33	4129671.74	0.04662	48.41	48.41	1.5	ANNUAL	SRCGP6	5	
594990.33	4129671.74	0.04981	48.18	48.18	1.5	ANNUAL	SRCGP6	5	
595010.33	4129671.74	0.05336	47.83	47.83	1.5	ANNUAL	SRCGP6	5	
595030.33	4129671.74	0.05721	47.69	47.69	1.5	ANNUAL	SRCGP6	5	
595050.33	4129671.74	0.06143	47.68	47.68	1.5	ANNUAL	SRCGP6	5	
595090.33	4129671.74	0.07166	47.36	47.36	1.5	ANNUAL	SRCGP6	5	
594790.33	4129691.74	0.02748	48.71	48.71	1.5	ANNUAL	SRCGP6	5	
594810.33	4129691.74	0.02903	48.78	48.78	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594830.33	4129691.74	0.03077	48.73	48.73	1.5	ANNUAL	SRCGP6	5	
594850.33	4129691.74	0.0327	48.64	48.64	1.5	ANNUAL	SRCGP6	5	
594870.33	4129691.74	0.03479	48.64	48.64	1.5	ANNUAL	SRCGP6	5	
594890.33	4129691.74	0.03704	48.7	48.7	1.5	ANNUAL	SRCGP6	5	
594910.33	4129691.74	0.03953	48.55	48.55	1.5	ANNUAL	SRCGP6	5	
594930.33	4129691.74	0.04219	48.46	48.46	1.5	ANNUAL	SRCGP6	5	
594950.33	4129691.74	0.0451	48.21	48.21	1.5	ANNUAL	SRCGP6	5	
594970.33	4129691.74	0.04821	48.05	48.05	1.5	ANNUAL	SRCGP6	5	
594990.33	4129691.74	0.05153	48.06	48.06	1.5	ANNUAL	SRCGP6	5	
595010.33	4129691.74	0.05527	47.8	47.8	1.5	ANNUAL	SRCGP6	5	
595050.33	4129691.74	0.06392	47.51	47.51	1.5	ANNUAL	SRCGP6	5	
595070.33	4129691.74	0.06899	47.48	47.48	1.5	ANNUAL	SRCGP6	5	
595090.33	4129691.74	0.07484	47.23	47.23	1.5	ANNUAL	SRCGP6	5	
594790.33	4129711.74	0.02821	48.36	48.36	1.5	ANNUAL	SRCGP6	5	
594810.33	4129711.74	0.02978	48.42	48.42	1.5	ANNUAL	SRCGP6	5	
594830.33	4129711.74	0.03153	48.52	48.52	1.5	ANNUAL	SRCGP6	5	
594850.33	4129711.74	0.03356	48.29	48.29	1.5	ANNUAL	SRCGP6	5	
594870.33	4129711.74	0.03573	48.31	48.31	1.5	ANNUAL	SRCGP6	5	
594890.33	4129711.74	0.03804	48.53	48.53	1.5	ANNUAL	SRCGP6	5	
594910.33	4129711.74	0.04064	48.43	48.43	1.5	ANNUAL	SRCGP6	5	
594930.33	4129711.74	0.04347	48.27	48.27	1.5	ANNUAL	SRCGP6	5	
595050.33	4129711.74	0.06651	47.48	47.48	1.5	ANNUAL	SRCGP6	5	
595070.33	4129711.74	0.07195	47.39	47.39	1.5	ANNUAL	SRCGP6	5	
595090.33	4129711.74	0.0782	47.17	47.17	1.5	ANNUAL	SRCGP6	5	
595130.33	4129711.74	0.09348	46.45	46.45	1.5	ANNUAL	SRCGP6	5	
595150.33	4129711.74	0.1025	46.11	46.11	1.5	ANNUAL	SRCGP6	5	
595170.33	4129711.74	0.11242	45.84	45.84	1.5	ANNUAL	SRCGP6	5	
594790.33	4129731.74	0.02898	48.09	48.09	1.5	ANNUAL	SRCGP6	5	
594810.33	4129731.74	0.03055	48.25	48.25	1.5	ANNUAL	SRCGP6	5	
594830.33	4129731.74	0.03234	48.35	48.35	1.5	ANNUAL	SRCGP6	5	
594850.33	4129731.74	0.03438	48.33	48.33	1.5	ANNUAL	SRCGP6	5	
594870.33	4129731.74	0.03665	48.27	48.27	1.5	ANNUAL	SRCGP6	5	
594890.33	4129731.74	0.03913	48.27	48.27	1.5	ANNUAL	SRCGP6	5	
594910.33	4129731.74	0.04184	48.23	48.23	1.5	ANNUAL	SRCGP6	5	
594930.33	4129731.74	0.04485	47.98	47.98	1.5	ANNUAL	SRCGP6	5	
594950.33	4129731.74	0.04806	47.9	47.9	1.5	ANNUAL	SRCGP6	5	
594970.33	4129731.74	0.05154	47.8	47.8	1.5	ANNUAL	SRCGP6	5	
594990.33	4129731.74	0.05532	47.74	47.74	1.5	ANNUAL	SRCGP6	5	
595010.33	4129731.74	0.05946	47.7	47.7	1.5	ANNUAL	SRCGP6	5	
595050.33	4129731.74	0.0694	47.24	47.24	1.5	ANNUAL	SRCGP6	5	
595070.33	4129731.74	0.07517	47.26	47.26	1.5	ANNUAL	SRCGP6	5	
595090.33	4129731.74	0.08175	47.2	47.2	1.5	ANNUAL	SRCGP6	5	
595130.33	4129731.74	0.09829	46.39	46.39	1.5	ANNUAL	SRCGP6	5	
595150.33	4129731.74	0.10826	45.88	45.88	1.5	ANNUAL	SRCGP6	5	
595210.33	4129731.74	0.14668	45.68	45.68	1.5	ANNUAL	SRCGP6	5	
595230.33	4129731.74	0.16027	45.67	45.67	1.5	ANNUAL	SRCGP6	5	
595270.33	4129731.74	0.1907	45.17	45.17	1.5	ANNUAL	SRCGP6	5	
595290.33	4129731.74	0.2073	44.96	44.96	1.5	ANNUAL	SRCGP6	5	
594470.33	4129751.74	0.02188	47.62	47.62	1.5	ANNUAL	SRCGP6	5	
594490.33	4129751.74	0.02189	47.72	47.72	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594510.33	4129751.74	0.02192	47.78	47.78	1.5	ANNUAL	SRCGP6	5	
594530.33	4129751.74	0.02196	47.86	47.86	1.5	ANNUAL	SRCGP6	5	
594550.33	4129751.74	0.0221	47.58	47.58	1.5	ANNUAL	SRCGP6	5	
594570.33	4129751.74	0.02221	47.65	47.65	1.5	ANNUAL	SRCGP6	5	
594590.33	4129751.74	0.02237	47.72	47.72	1.5	ANNUAL	SRCGP6	5	
594790.33	4129751.74	0.0298	47.91	47.91	1.5	ANNUAL	SRCGP6	5	
594810.33	4129751.74	0.03141	48.01	48.01	1.5	ANNUAL	SRCGP6	5	
594830.33	4129751.74	0.03325	48.09	48.09	1.5	ANNUAL	SRCGP6	5	
594850.33	4129751.74	0.03537	47.99	47.99	1.5	ANNUAL	SRCGP6	5	
594870.33	4129751.74	0.03766	48.14	48.14	1.5	ANNUAL	SRCGP6	5	
594890.33	4129751.74	0.04022	48.2	48.2	1.5	ANNUAL	SRCGP6	5	
594910.33	4129751.74	0.04308	48.12	48.12	1.5	ANNUAL	SRCGP6	5	
594930.33	4129751.74	0.04621	48	48	1.5	ANNUAL	SRCGP6	5	
594950.33	4129751.74	0.0496	47.94	47.94	1.5	ANNUAL	SRCGP6	5	
594970.33	4129751.74	0.05328	47.89	47.89	1.5	ANNUAL	SRCGP6	5	
594990.33	4129751.74	0.05733	47.75	47.75	1.5	ANNUAL	SRCGP6	5	
595010.33	4129751.74	0.06183	47.52	47.52	1.5	ANNUAL	SRCGP6	5	
595050.33	4129751.74	0.07246	47.09	47.09	1.5	ANNUAL	SRCGP6	5	
595070.33	4129751.74	0.07869	47.06	47.06	1.5	ANNUAL	SRCGP6	5	
595090.33	4129751.74	0.08582	46.95	46.95	1.5	ANNUAL	SRCGP6	5	
595170.33	4129751.74	0.12959	45.71	45.71	1.5	ANNUAL	SRCGP6	5	
595190.33	4129751.74	0.14232	45.71	45.71	1.5	ANNUAL	SRCGP6	5	
595210.33	4129751.74	0.15621	45.65	45.65	1.5	ANNUAL	SRCGP6	5	
595230.33	4129751.74	0.17113	45.65	45.65	1.5	ANNUAL	SRCGP6	5	
595270.33	4129751.74	0.20446	45.33	45.33	1.5	ANNUAL	SRCGP6	5	
595290.33	4129751.74	0.2229	45.04	45.04	1.5	ANNUAL	SRCGP6	5	
594470.33	4129771.74	0.02311	47.2	47.2	1.5	ANNUAL	SRCGP6	5	
594490.33	4129771.74	0.0231	47.61	47.61	1.5	ANNUAL	SRCGP6	5	
594510.33	4129771.74	0.02318	47.36	47.36	1.5	ANNUAL	SRCGP6	5	
594530.33	4129771.74	0.02321	47.53	47.53	1.5	ANNUAL	SRCGP6	5	
594550.33	4129771.74	0.02333	47.29	47.29	1.5	ANNUAL	SRCGP6	5	
594570.33	4129771.74	0.02341	47.46	47.46	1.5	ANNUAL	SRCGP6	5	
594590.33	4129771.74	0.02354	47.57	47.57	1.5	ANNUAL	SRCGP6	5	
594790.33	4129771.74	0.03068	47.83	47.83	1.5	ANNUAL	SRCGP6	5	
594810.33	4129771.74	0.03228	48.01	48.01	1.5	ANNUAL	SRCGP6	5	
594830.33	4129771.74	0.03417	48.02	48.02	1.5	ANNUAL	SRCGP6	5	
594850.33	4129771.74	0.03627	48.17	48.17	1.5	ANNUAL	SRCGP6	5	
594870.33	4129771.74	0.03874	48	48	1.5	ANNUAL	SRCGP6	5	
594890.33	4129771.74	0.04142	48.02	48.02	1.5	ANNUAL	SRCGP6	5	
594910.33	4129771.74	0.04461	47.42	47.42	1.5	ANNUAL	SRCGP6	5	
594930.33	4129771.74	0.04792	47.27	47.27	1.5	ANNUAL	SRCGP6	5	
594950.33	4129771.74	0.05147	47.33	47.33	1.5	ANNUAL	SRCGP6	5	
594970.33	4129771.74	0.05539	47.3	47.3	1.5	ANNUAL	SRCGP6	5	
594990.33	4129771.74	0.0596	47.45	47.45	1.5	ANNUAL	SRCGP6	5	
595010.33	4129771.74	0.06435	47.36	47.36	1.5	ANNUAL	SRCGP6	5	
595050.33	4129771.74	0.07569	47.02	47.02	1.5	ANNUAL	SRCGP6	5	
595070.33	4129771.74	0.08244	46.92	46.92	1.5	ANNUAL	SRCGP6	5	
595090.33	4129771.74	0.09001	46.95	46.95	1.5	ANNUAL	SRCGP6	5	
595170.33	4129771.74	0.13751	45.71	45.71	1.5	ANNUAL	SRCGP6	5	
595190.33	4129771.74	0.15152	45.67	45.67	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595230.33	4129771.74	0.18321	45.62	45.62	1.5	ANNUAL	SRCGP6	5	
595250.33	4129771.74	0.20074	45.71	45.71	1.5	ANNUAL	SRCGP6	5	
595270.33	4129771.74	0.21975	45.55	45.55	1.5	ANNUAL	SRCGP6	5	
595290.33	4129771.74	0.24029	45.19	45.19	1.5	ANNUAL	SRCGP6	5	
594470.33	4129791.74	0.02438	47.17	47.17	1.5	ANNUAL	SRCGP6	5	
594490.33	4129791.74	0.02446	47.06	47.06	1.5	ANNUAL	SRCGP6	5	
594510.33	4129791.74	0.02452	47.13	47.13	1.5	ANNUAL	SRCGP6	5	
594530.33	4129791.74	0.02459	47.12	47.12	1.5	ANNUAL	SRCGP6	5	
594550.33	4129791.74	0.02463	47.37	47.37	1.5	ANNUAL	SRCGP6	5	
594570.33	4129791.74	0.02475	47.24	47.24	1.5	ANNUAL	SRCGP6	5	
594590.33	4129791.74	0.02489	47.24	47.24	1.5	ANNUAL	SRCGP6	5	
594610.33	4129791.74	0.02505	47.37	47.37	1.5	ANNUAL	SRCGP6	5	
594790.33	4129791.74	0.03163	47.83	47.83	1.5	ANNUAL	SRCGP6	5	
594810.33	4129791.74	0.03322	48.06	48.06	1.5	ANNUAL	SRCGP6	5	
594830.33	4129791.74	0.03515	48.04	48.04	1.5	ANNUAL	SRCGP6	5	
594850.33	4129791.74	0.03743	47.82	47.82	1.5	ANNUAL	SRCGP6	5	
594870.33	4129791.74	0.03988	47.94	47.94	1.5	ANNUAL	SRCGP6	5	
594890.33	4129791.74	0.04272	47.84	47.84	1.5	ANNUAL	SRCGP6	5	
594930.33	4129791.74	0.04949	47.26	47.26	1.5	ANNUAL	SRCGP6	5	
594950.33	4129791.74	0.05323	47.35	47.35	1.5	ANNUAL	SRCGP6	5	
594970.33	4129791.74	0.0574	47.3	47.3	1.5	ANNUAL	SRCGP6	5	
594990.33	4129791.74	0.06206	47.1	47.1	1.5	ANNUAL	SRCGP6	5	
595010.33	4129791.74	0.06721	46.9	46.9	1.5	ANNUAL	SRCGP6	5	
595050.33	4129791.74	0.07924	46.86	46.86	1.5	ANNUAL	SRCGP6	5	
595070.33	4129791.74	0.0865	46.79	46.79	1.5	ANNUAL	SRCGP6	5	
595090.33	4129791.74	0.09481	46.69	46.69	1.5	ANNUAL	SRCGP6	5	
595190.33	4129791.74	0.16163	45.69	45.69	1.5	ANNUAL	SRCGP6	5	
595210.33	4129791.74	0.17842	45.67	45.67	1.5	ANNUAL	SRCGP6	5	
595230.33	4129791.74	0.19658	45.68	45.68	1.5	ANNUAL	SRCGP6	5	
595250.33	4129791.74	0.21616	45.65	45.65	1.5	ANNUAL	SRCGP6	5	
595270.33	4129791.74	0.23756	45.31	45.31	1.5	ANNUAL	SRCGP6	5	
595290.33	4129791.74	0.26047	44.96	44.96	1.5	ANNUAL	SRCGP6	5	
595310.33	4129791.74	0.28433	45	45	1.5	ANNUAL	SRCGP6	5	
595330.33	4129791.74	0.31026	44.84	44.84	1.5	ANNUAL	SRCGP6	5	
594470.33	4129811.74	0.02572	47.07	47.07	1.5	ANNUAL	SRCGP6	5	
594490.33	4129811.74	0.02585	46.93	46.93	1.5	ANNUAL	SRCGP6	5	
594510.33	4129811.74	0.02592	47.1	47.1	1.5	ANNUAL	SRCGP6	5	
594530.33	4129811.74	0.02602	47.07	47.07	1.5	ANNUAL	SRCGP6	5	
594550.33	4129811.74	0.02607	47.3	47.3	1.5	ANNUAL	SRCGP6	5	
594570.33	4129811.74	0.02618	47.27	47.27	1.5	ANNUAL	SRCGP6	5	
594590.33	4129811.74	0.02627	47.43	47.43	1.5	ANNUAL	SRCGP6	5	
594610.33	4129811.74	0.02645	47.37	47.37	1.5	ANNUAL	SRCGP6	5	
594790.33	4129811.74	0.03278	47.62	47.62	1.5	ANNUAL	SRCGP6	5	
594810.33	4129811.74	0.0344	47.77	47.77	1.5	ANNUAL	SRCGP6	5	
594830.33	4129811.74	0.03633	47.8	47.8	1.5	ANNUAL	SRCGP6	5	
594850.33	4129811.74	0.03867	47.57	47.57	1.5	ANNUAL	SRCGP6	5	
594870.33	4129811.74	0.04123	47.61	47.61	1.5	ANNUAL	SRCGP6	5	
594890.33	4129811.74	0.04414	47.6	47.6	1.5	ANNUAL	SRCGP6	5	
594950.33	4129811.74	0.05516	47.26	47.26	1.5	ANNUAL	SRCGP6	5	
594970.33	4129811.74	0.05958	47.24	47.24	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.33	4129811.74	0.06463	46.89	46.89	1.5	ANNUAL	SRCGP6	5	
595010.33	4129811.74	0.07009	46.8	46.8	1.5	ANNUAL	SRCGP6	5	
595050.33	4129811.74	0.08303	46.75	46.75	1.5	ANNUAL	SRCGP6	5	
595070.33	4129811.74	0.0909	46.65	46.65	1.5	ANNUAL	SRCGP6	5	
595090.33	4129811.74	0.09986	46.6	46.6	1.5	ANNUAL	SRCGP6	5	
595190.33	4129811.74	0.1729	45.68	45.68	1.5	ANNUAL	SRCGP6	5	
595210.33	4129811.74	0.19148	45.67	45.67	1.5	ANNUAL	SRCGP6	5	
595250.33	4129811.74	0.23426	45.08	45.08	1.5	ANNUAL	SRCGP6	5	
595270.33	4129811.74	0.25764	45.11	45.11	1.5	ANNUAL	SRCGP6	5	
595310.33	4129811.74	0.30982	44.98	44.98	1.5	ANNUAL	SRCGP6	5	
595350.33	4129811.74	0.37069	44.65	44.65	1.5	ANNUAL	SRCGP6	5	
594790.33	4129831.74	0.03403	47.56	47.56	1.5	ANNUAL	SRCGP6	5	
594810.33	4129831.74	0.03563	47.71	47.71	1.5	ANNUAL	SRCGP6	5	
594830.33	4129831.74	0.03757	47.77	47.77	1.5	ANNUAL	SRCGP6	5	
594850.33	4129831.74	0.03999	47.45	47.45	1.5	ANNUAL	SRCGP6	5	
594870.33	4129831.74	0.04257	47.58	47.58	1.5	ANNUAL	SRCGP6	5	
594890.33	4129831.74	0.04563	47.48	47.48	1.5	ANNUAL	SRCGP6	5	
594950.33	4129831.74	0.05714	47.32	47.32	1.5	ANNUAL	SRCGP6	5	
594970.33	4129831.74	0.06188	47.23	47.23	1.5	ANNUAL	SRCGP6	5	
594990.33	4129831.74	0.06737	46.71	46.71	1.5	ANNUAL	SRCGP6	5	
595010.33	4129831.74	0.07322	46.66	46.66	1.5	ANNUAL	SRCGP6	5	
595050.33	4129831.74	0.08722	46.55	46.55	1.5	ANNUAL	SRCGP6	5	
595070.33	4129831.74	0.09574	46.46	46.46	1.5	ANNUAL	SRCGP6	5	
595090.33	4129831.74	0.10546	46.43	46.43	1.5	ANNUAL	SRCGP6	5	
595270.33	4129831.74	0.28034	44.97	44.97	1.5	ANNUAL	SRCGP6	5	
595310.33	4129831.74	0.33924	44.84	44.84	1.5	ANNUAL	SRCGP6	5	
595330.33	4129831.74	0.37216	44.79	44.79	1.5	ANNUAL	SRCGP6	5	
595350.33	4129831.74	0.40798	44.68	44.68	1.5	ANNUAL	SRCGP6	5	
594790.33	4129851.74	0.03543	47.59	47.59	1.5	ANNUAL	SRCGP6	5	
594810.33	4129851.74	0.037	47.75	47.75	1.5	ANNUAL	SRCGP6	5	
594830.33	4129851.74	0.03911	47.4	47.4	1.5	ANNUAL	SRCGP6	5	
594850.33	4129851.74	0.04149	47.26	47.26	1.5	ANNUAL	SRCGP6	5	
594870.33	4129851.74	0.04423	47.17	47.17	1.5	ANNUAL	SRCGP6	5	
594890.33	4129851.74	0.04731	47.24	47.24	1.5	ANNUAL	SRCGP6	5	
594950.33	4129851.74	0.05942	47.11	47.11	1.5	ANNUAL	SRCGP6	5	
594970.33	4129851.74	0.06456	46.87	46.87	1.5	ANNUAL	SRCGP6	5	
594990.33	4129851.74	0.07032	46.56	46.56	1.5	ANNUAL	SRCGP6	5	
595010.33	4129851.74	0.07654	46.6	46.6	1.5	ANNUAL	SRCGP6	5	
595050.33	4129851.74	0.0917	46.44	46.44	1.5	ANNUAL	SRCGP6	5	
595070.33	4129851.74	0.10097	46.32	46.32	1.5	ANNUAL	SRCGP6	5	
595090.33	4129851.74	0.11153	46.32	46.32	1.5	ANNUAL	SRCGP6	5	
595290.33	4129851.74	0.3379	44.98	44.98	1.5	ANNUAL	SRCGP6	5	
595310.33	4129851.74	0.37273	44.85	44.85	1.5	ANNUAL	SRCGP6	5	
595330.33	4129851.74	0.41015	44.84	44.84	1.5	ANNUAL	SRCGP6	5	
594790.33	4129911.74	0.04153	46.78	46.78	1.5	ANNUAL	SRCGP6	5	
594810.33	4129911.74	0.04283	47.19	47.19	1.5	ANNUAL	SRCGP6	5	
594830.33	4129911.74	0.04477	47.09	47.09	1.5	ANNUAL	SRCGP6	5	
594850.33	4129911.74	0.04732	46.7	46.7	1.5	ANNUAL	SRCGP6	5	
594870.33	4129911.74	0.05011	46.74	46.74	1.5	ANNUAL	SRCGP6	5	
594890.33	4129911.74	0.05357	46.6	46.6	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4129911.74	0.05759	46.52	46.52	1.5	ANNUAL	SRCGP6	5	
594930.33	4129911.74	0.06229	46.39	46.39	1.5	ANNUAL	SRCGP6	5	
594950.33	4129911.74	0.06773	46.19	46.19	1.5	ANNUAL	SRCGP6	5	
594970.33	4129911.74	0.07395	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594990.33	4129911.74	0.08326	45.75	45.75	1.5	ANNUAL	SRCGP6	5	
595010.33	4129911.74	0.08858	46.09	46.09	1.5	ANNUAL	SRCGP6	5	
595030.33	4129911.74	0.09762	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
595050.33	4129911.74	0.10799	45.89	45.89	1.5	ANNUAL	SRCGP6	5	
595090.33	4129911.74	0.13852	45.52	45.52	1.5	ANNUAL	SRCGP6	5	
595110.33	4129911.74	0.15551	45.59	45.59	1.5	ANNUAL	SRCGP6	5	
595130.33	4129911.74	0.17548	45.47	45.47	1.5	ANNUAL	SRCGP6	5	
595150.33	4129911.74	0.19835	45.48	45.48	1.5	ANNUAL	SRCGP6	5	
595170.33	4129911.74	0.22451	45.47	45.47	1.5	ANNUAL	SRCGP6	5	
595190.33	4129911.74	0.25402	45.48	45.48	1.5	ANNUAL	SRCGP6	5	
595210.33	4129911.74	0.2874	45.3	45.3	1.5	ANNUAL	SRCGP6	5	
595230.33	4129911.74	0.32546	44.69	44.69	1.5	ANNUAL	SRCGP6	5	
595250.33	4129911.74	0.36585	44.65	44.65	1.5	ANNUAL	SRCGP6	5	
595270.33	4129911.74	0.41002	44.61	44.61	1.5	ANNUAL	SRCGP6	5	
595290.33	4129911.74	0.45696	44.94	44.94	1.5	ANNUAL	SRCGP6	5	
595310.33	4129911.74	0.51178	44.34	44.34	1.5	ANNUAL	SRCGP6	5	
595330.33	4129911.74	0.57067	44.06	44.06	1.5	ANNUAL	SRCGP6	5	
595350.33	4129911.74	0.63246	44.33	44.33	1.5	ANNUAL	SRCGP6	5	
595370.33	4129911.74	0.70158	44.2	44.2	1.5	ANNUAL	SRCGP6	5	
595390.33	4129911.74	0.77622	44.02	44.02	1.5	ANNUAL	SRCGP6	5	
595430.33	4129911.74	0.93624	43.83	43.83	1.5	ANNUAL	SRCGP6	5	
595450.33	4129911.74	1.0166	44.05	44.05	1.5	ANNUAL	SRCGP6	5	
594790.33	4129931.74	0.0443	46.42	46.42	1.5	ANNUAL	SRCGP6	5	
594810.33	4129931.74	0.04571	46.53	46.53	1.5	ANNUAL	SRCGP6	5	
594830.33	4129931.74	0.04762	46.45	46.45	1.5	ANNUAL	SRCGP6	5	
594850.33	4129931.74	0.05002	46.31	46.31	1.5	ANNUAL	SRCGP6	5	
594870.33	4129931.74	0.05296	46.16	46.16	1.5	ANNUAL	SRCGP6	5	
594890.33	4129931.74	0.05642	46.11	46.11	1.5	ANNUAL	SRCGP6	5	
594910.33	4129931.74	0.06349	45.73	45.73	1.5	ANNUAL	SRCGP6	5	
594930.33	4129931.74	0.06551	45.86	45.86	1.5	ANNUAL	SRCGP6	5	
594950.33	4129931.74	0.07376	45.7	45.7	1.5	ANNUAL	SRCGP6	5	
594970.33	4129931.74	0.08025	45.49	45.49	1.5	ANNUAL	SRCGP6	5	
594990.33	4129931.74	0.08764	45.55	45.55	1.5	ANNUAL	SRCGP6	5	
595010.33	4129931.74	0.09621	45.59	45.59	1.5	ANNUAL	SRCGP6	5	
595030.33	4129931.74	0.10637	45.35	45.35	1.5	ANNUAL	SRCGP6	5	
595050.33	4129931.74	0.118	45.43	45.43	1.5	ANNUAL	SRCGP6	5	
595090.33	4129931.74	0.14788	45.36	45.36	1.5	ANNUAL	SRCGP6	5	
595110.33	4129931.74	0.16686	45.32	45.32	1.5	ANNUAL	SRCGP6	5	
595130.33	4129931.74	0.18915	45.21	45.21	1.5	ANNUAL	SRCGP6	5	
595150.33	4129931.74	0.21468	45.32	45.32	1.5	ANNUAL	SRCGP6	5	
595170.33	4129931.74	0.24419	45.32	45.32	1.5	ANNUAL	SRCGP6	5	
595190.33	4129931.74	0.27812	45.14	45.14	1.5	ANNUAL	SRCGP6	5	
595210.33	4129931.74	0.31606	45.04	45.04	1.5	ANNUAL	SRCGP6	5	
595250.33	4129931.74	0.40496	44.8	44.8	1.5	ANNUAL	SRCGP6	5	
595270.33	4129931.74	0.45587	44.78	44.78	1.5	ANNUAL	SRCGP6	5	
595290.33	4129931.74	0.51317	44.41	44.41	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.33	4129931.74	0.57555	44.2	44.2	1.5	ANNUAL	SRCGP6	5	
595330.33	4129931.74	0.64443	43.93	43.93	1.5	ANNUAL	SRCGP6	5	
595350.33	4129931.74	0.71682	44.19	44.19	1.5	ANNUAL	SRCGP6	5	
595370.33	4129931.74	0.7993	43.79	43.79	1.5	ANNUAL	SRCGP6	5	
595390.33	4129931.74	0.88438	43.87	43.87	1.5	ANNUAL	SRCGP6	5	
595430.33	4129931.74	1.06743	43.72	43.72	1.5	ANNUAL	SRCGP6	5	
595450.33	4129931.74	1.15888	43.8	43.8	1.5	ANNUAL	SRCGP6	5	
594790.33	4129951.74	0.04743	46.19	46.19	1.5	ANNUAL	SRCGP6	5	
594810.33	4129951.74	0.0489	46.14	46.14	1.5	ANNUAL	SRCGP6	5	
594830.33	4129951.74	0.0508	46.03	46.03	1.5	ANNUAL	SRCGP6	5	
594850.33	4129951.74	0.05313	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594870.33	4129951.74	0.05606	45.84	45.84	1.5	ANNUAL	SRCGP6	5	
594890.33	4129951.74	0.06262	45.76	45.76	1.5	ANNUAL	SRCGP6	5	
594910.33	4129951.74	0.06681	45.76	45.76	1.5	ANNUAL	SRCGP6	5	
594930.33	4129951.74	0.07183	45.58	45.58	1.5	ANNUAL	SRCGP6	5	
594950.33	4129951.74	0.07771	45.45	45.45	1.5	ANNUAL	SRCGP6	5	
594970.33	4129951.74	0.08454	45.38	45.38	1.5	ANNUAL	SRCGP6	5	
594990.33	4129951.74	0.09249	45.36	45.36	1.5	ANNUAL	SRCGP6	5	
595010.33	4129951.74	0.10182	45.25	45.25	1.5	ANNUAL	SRCGP6	5	
595030.33	4129951.74	0.11271	45.2	45.2	1.5	ANNUAL	SRCGP6	5	
595050.33	4129951.74	0.12547	45.2	45.2	1.5	ANNUAL	SRCGP6	5	
595090.33	4129951.74	0.15832	45.21	45.21	1.5	ANNUAL	SRCGP6	5	
595110.33	4129951.74	0.17929	45.27	45.27	1.5	ANNUAL	SRCGP6	5	
595130.33	4129951.74	0.20445	45.04	45.04	1.5	ANNUAL	SRCGP6	5	
595150.33	4129951.74	0.23321	45.17	45.17	1.5	ANNUAL	SRCGP6	5	
595170.33	4129951.74	0.26706	45.02	45.02	1.5	ANNUAL	SRCGP6	5	
595190.33	4129951.74	0.30637	44.64	44.64	1.5	ANNUAL	SRCGP6	5	
595210.33	4129951.74	0.35019	44.5	44.5	1.5	ANNUAL	SRCGP6	5	
595250.33	4129951.74	0.4513	44.82	44.82	1.5	ANNUAL	SRCGP6	5	
595290.33	4129951.74	0.57704	44.55	44.55	1.5	ANNUAL	SRCGP6	5	
595310.33	4129951.74	0.65061	44.27	44.27	1.5	ANNUAL	SRCGP6	5	
595330.33	4129951.74	0.73257	43.85	43.85	1.5	ANNUAL	SRCGP6	5	
595350.33	4129951.74	0.81754	44.14	44.14	1.5	ANNUAL	SRCGP6	5	
595370.33	4129951.74	0.91296	43.91	43.91	1.5	ANNUAL	SRCGP6	5	
595390.33	4129951.74	1.01326	43.82	43.82	1.5	ANNUAL	SRCGP6	5	
595430.33	4129951.74	1.22375	43.56	43.56	1.5	ANNUAL	SRCGP6	5	
595450.33	4129951.74	1.32599	43.64	43.64	1.5	ANNUAL	SRCGP6	5	
594510.33	4129971.74	0.04025	46.83	46.83	1.5	ANNUAL	SRCGP6	5	
594530.33	4129971.74	0.04099	47.03	47.03	1.5	ANNUAL	SRCGP6	5	
594550.33	4129971.74	0.04175	46.99	46.99	1.5	ANNUAL	SRCGP6	5	
595090.33	4129971.74	0.17008	45.01	45.01	1.5	ANNUAL	SRCGP6	5	
595110.33	4129971.74	0.19379	44.91	44.91	1.5	ANNUAL	SRCGP6	5	
595130.33	4129971.74	0.2218	44.88	44.88	1.5	ANNUAL	SRCGP6	5	
595150.33	4129971.74	0.25448	44.99	44.99	1.5	ANNUAL	SRCGP6	5	
595170.33	4129971.74	0.29331	44.78	44.78	1.5	ANNUAL	SRCGP6	5	
595190.33	4129971.74	0.33814	44.54	44.54	1.5	ANNUAL	SRCGP6	5	
595210.33	4129971.74	0.38823	44.57	44.57	1.5	ANNUAL	SRCGP6	5	
595230.33	4129971.74	0.44545	44.35	44.35	1.5	ANNUAL	SRCGP6	5	
595250.33	4129971.74	0.50614	44.85	44.85	1.5	ANNUAL	SRCGP6	5	
595270.33	4129971.74	0.57639	44.7	44.7	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595290.33	4129971.74	0.65589	44.28	44.28	1.5	ANNUAL	SRCGP6	5	
595310.33	4129971.74	0.74274	44.07	44.07	1.5	ANNUAL	SRCGP6	5	
595330.33	4129971.74	0.83968	43.7	43.7	1.5	ANNUAL	SRCGP6	5	
595350.33	4129971.74	0.93999	44.02	44.02	1.5	ANNUAL	SRCGP6	5	
595370.33	4129971.74	1.05153	43.88	43.88	1.5	ANNUAL	SRCGP6	5	
595390.33	4129971.74	1.16922	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595430.33	4129971.74	1.40924	43.48	43.48	1.5	ANNUAL	SRCGP6	5	
595450.33	4129971.74	1.52271	43.56	43.56	1.5	ANNUAL	SRCGP6	5	
594510.33	4129991.74	0.04241	46.81	46.81	1.5	ANNUAL	SRCGP6	5	
594530.33	4129991.74	0.0433	46.88	46.88	1.5	ANNUAL	SRCGP6	5	
594550.33	4129991.74	0.04418	46.99	46.99	1.5	ANNUAL	SRCGP6	5	
594790.33	4129991.74	0.05509	45.96	45.96	1.5	ANNUAL	SRCGP6	5	
594810.33	4129991.74	0.05647	46.02	46.02	1.5	ANNUAL	SRCGP6	5	
594830.33	4129991.74	0.05827	45.97	45.97	1.5	ANNUAL	SRCGP6	5	
594850.33	4129991.74	0.06056	45.88	45.88	1.5	ANNUAL	SRCGP6	5	
594870.33	4129991.74	0.06682	45.78	45.78	1.5	ANNUAL	SRCGP6	5	
594890.33	4129991.74	0.07054	45.68	45.68	1.5	ANNUAL	SRCGP6	5	
594910.33	4129991.74	0.07507	45.53	45.53	1.5	ANNUAL	SRCGP6	5	
594930.33	4129991.74	0.08046	45.47	45.47	1.5	ANNUAL	SRCGP6	5	
594950.33	4129991.74	0.08696	45.34	45.34	1.5	ANNUAL	SRCGP6	5	
594970.33	4129991.74	0.09469	45.21	45.21	1.5	ANNUAL	SRCGP6	5	
595010.33	4129991.74	0.1147	45.01	45.01	1.5	ANNUAL	SRCGP6	5	
595030.33	4129991.74	0.12752	45	45	1.5	ANNUAL	SRCGP6	5	
595050.33	4129991.74	0.14285	44.95	44.95	1.5	ANNUAL	SRCGP6	5	
595090.33	4129991.74	0.18338	44.79	44.79	1.5	ANNUAL	SRCGP6	5	
595110.33	4129991.74	0.20982	44.8	44.8	1.5	ANNUAL	SRCGP6	5	
595130.33	4129991.74	0.24161	44.73	44.73	1.5	ANNUAL	SRCGP6	5	
595150.33	4129991.74	0.27909	44.77	44.77	1.5	ANNUAL	SRCGP6	5	
595170.33	4129991.74	0.32401	44.48	44.48	1.5	ANNUAL	SRCGP6	5	
595190.33	4129991.74	0.37477	44.6	44.6	1.5	ANNUAL	SRCGP6	5	
595210.33	4129991.74	0.43327	44.58	44.58	1.5	ANNUAL	SRCGP6	5	
595230.33	4129991.74	0.50073	44.27	44.27	1.5	ANNUAL	SRCGP6	5	
595250.33	4129991.74	0.57449	44.36	44.36	1.5	ANNUAL	SRCGP6	5	
595270.33	4129991.74	0.65759	44.3	44.3	1.5	ANNUAL	SRCGP6	5	
595290.33	4129991.74	0.75195	43.97	43.97	1.5	ANNUAL	SRCGP6	5	
595310.33	4129991.74	0.8545	43.94	43.94	1.5	ANNUAL	SRCGP6	5	
595330.33	4129991.74	0.96982	43.63	43.63	1.5	ANNUAL	SRCGP6	5	
595350.33	4129991.74	1.08948	43.91	43.91	1.5	ANNUAL	SRCGP6	5	
595370.33	4129991.74	1.22013	43.86	43.86	1.5	ANNUAL	SRCGP6	5	
595390.33	4129991.74	1.3566	43.75	43.75	1.5	ANNUAL	SRCGP6	5	
595430.33	4129991.74	1.63111	43.39	43.39	1.5	ANNUAL	SRCGP6	5	
595450.33	4129991.74	1.75523	43.51	43.51	1.5	ANNUAL	SRCGP6	5	
594510.33	4130011.74	0.04469	46.78	46.78	1.5	ANNUAL	SRCGP6	5	
594550.33	4130011.74	0.04676	46.82	46.82	1.5	ANNUAL	SRCGP6	5	
594790.33	4130011.74	0.06201	45.75	45.75	1.5	ANNUAL	SRCGP6	5	
594810.33	4130011.74	0.06121	45.92	45.92	1.5	ANNUAL	SRCGP6	5	
594830.33	4130011.74	0.06599	45.75	45.75	1.5	ANNUAL	SRCGP6	5	
594850.33	4130011.74	0.0686	45.64	45.64	1.5	ANNUAL	SRCGP6	5	
594870.33	4130011.74	0.07176	45.52	45.52	1.5	ANNUAL	SRCGP6	5	
594890.33	4130011.74	0.07555	45.5	45.5	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4130011.74	0.0802	45.39	45.39	1.5	ANNUAL	SRCGP6	5	
594930.33	4130011.74	0.08581	45.34	45.34	1.5	ANNUAL	SRCGP6	5	
594950.33	4130011.74	0.09266	45.17	45.17	1.5	ANNUAL	SRCGP6	5	
594970.33	4130011.74	0.10086	45.04	45.04	1.5	ANNUAL	SRCGP6	5	
595010.33	4130011.74	0.12236	44.88	44.88	1.5	ANNUAL	SRCGP6	5	
595030.33	4130011.74	0.13628	44.92	44.92	1.5	ANNUAL	SRCGP6	5	
595050.33	4130011.74	0.15322	44.79	44.79	1.5	ANNUAL	SRCGP6	5	
595090.33	4130011.74	0.19811	44.78	44.78	1.5	ANNUAL	SRCGP6	5	
595110.33	4130011.74	0.22816	44.66	44.66	1.5	ANNUAL	SRCGP6	5	
595150.33	4130011.74	0.3082	44.36	44.36	1.5	ANNUAL	SRCGP6	5	
595170.33	4130011.74	0.35937	44.37	44.37	1.5	ANNUAL	SRCGP6	5	
595230.33	4130011.74	0.56674	44.26	44.26	1.5	ANNUAL	SRCGP6	5	
595250.33	4130011.74	0.65423	44.4	44.4	1.5	ANNUAL	SRCGP6	5	
595270.33	4130011.74	0.75478	44.19	44.19	1.5	ANNUAL	SRCGP6	5	
595290.33	4130011.74	0.86886	43.8	43.8	1.5	ANNUAL	SRCGP6	5	
595310.33	4130011.74	0.9931	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595330.33	4130011.74	1.13057	43.53	43.53	1.5	ANNUAL	SRCGP6	5	
595350.33	4130011.74	1.27325	43.83	43.83	1.5	ANNUAL	SRCGP6	5	
595370.33	4130011.74	1.42798	43.76	43.76	1.5	ANNUAL	SRCGP6	5	
595390.33	4130011.74	1.58653	43.68	43.68	1.5	ANNUAL	SRCGP6	5	
595430.33	4130011.74	1.89714	43.29	43.29	1.5	ANNUAL	SRCGP6	5	
595450.33	4130011.74	2.03136	43.42	43.42	1.5	ANNUAL	SRCGP6	5	
594490.33	4130031.74	0.04606	46.29	46.29	1.5	ANNUAL	SRCGP6	5	
594510.33	4130031.74	0.04713	46.59	46.59	1.5	ANNUAL	SRCGP6	5	
594530.33	4130031.74	0.04831	46.58	46.58	1.5	ANNUAL	SRCGP6	5	
594570.33	4130031.74	0.05075	46.62	46.62	1.5	ANNUAL	SRCGP6	5	
594790.33	4130031.74	0.06726	45.51	45.51	1.5	ANNUAL	SRCGP6	5	
594810.33	4130031.74	0.06923	45.54	45.54	1.5	ANNUAL	SRCGP6	5	
594830.33	4130031.74	0.07156	45.44	45.44	1.5	ANNUAL	SRCGP6	5	
594850.33	4130031.74	0.07425	45.41	45.41	1.5	ANNUAL	SRCGP6	5	
594870.33	4130031.74	0.07753	45.28	45.28	1.5	ANNUAL	SRCGP6	5	
594890.33	4130031.74	0.08144	45.26	45.26	1.5	ANNUAL	SRCGP6	5	
594910.33	4130031.74	0.08628	45.12	45.12	1.5	ANNUAL	SRCGP6	5	
594930.33	4130031.74	0.09212	45.07	45.07	1.5	ANNUAL	SRCGP6	5	
594950.33	4130031.74	0.09934	44.88	44.88	1.5	ANNUAL	SRCGP6	5	
594970.33	4130031.74	0.10799	44.82	44.82	1.5	ANNUAL	SRCGP6	5	
595010.33	4130031.74	0.13116	44.66	44.66	1.5	ANNUAL	SRCGP6	5	
595030.33	4130031.74	0.14645	44.63	44.63	1.5	ANNUAL	SRCGP6	5	
595050.33	4130031.74	0.16498	44.62	44.62	1.5	ANNUAL	SRCGP6	5	
595090.33	4130031.74	0.21554	44.44	44.44	1.5	ANNUAL	SRCGP6	5	
595150.33	4130031.74	0.34164	44.17	44.17	1.5	ANNUAL	SRCGP6	5	
595170.33	4130031.74	0.4014	44.19	44.19	1.5	ANNUAL	SRCGP6	5	
595230.33	4130031.74	0.64792	44.09	44.09	1.5	ANNUAL	SRCGP6	5	
595250.33	4130031.74	0.75308	44.27	44.27	1.5	ANNUAL	SRCGP6	5	
595270.33	4130031.74	0.87448	44.11	44.11	1.5	ANNUAL	SRCGP6	5	
595290.33	4130031.74	1.01272	43.76	43.76	1.5	ANNUAL	SRCGP6	5	
595310.33	4130031.74	1.16521	43.54	43.54	1.5	ANNUAL	SRCGP6	5	
595330.33	4130031.74	1.33214	43.33	43.33	1.5	ANNUAL	SRCGP6	5	
595350.33	4130031.74	1.50217	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595370.33	4130031.74	1.68457	43.68	43.68	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595390.33	4130031.74	1.87004	43.52	43.52	1.5	ANNUAL	SRCGP6	5	
595430.33	4130031.74	2.21645	43.19	43.19	1.5	ANNUAL	SRCGP6	5	
595450.33	4130031.74	2.35933	43.29	43.29	1.5	ANNUAL	SRCGP6	5	
594490.33	4130051.74	0.0485	46.24	46.24	1.5	ANNUAL	SRCGP6	5	
594510.33	4130051.74	0.04966	46.62	46.62	1.5	ANNUAL	SRCGP6	5	
594530.33	4130051.74	0.05094	46.76	46.76	1.5	ANNUAL	SRCGP6	5	
594550.33	4130051.74	0.05233	46.7	46.7	1.5	ANNUAL	SRCGP6	5	
594570.33	4130051.74	0.05378	46.63	46.63	1.5	ANNUAL	SRCGP6	5	
594590.33	4130051.74	0.05525	46.57	46.57	1.5	ANNUAL	SRCGP6	5	
594790.33	4130051.74	0.07304	45.73	45.73	1.5	ANNUAL	SRCGP6	5	
594810.33	4130051.74	0.07533	45.52	45.52	1.5	ANNUAL	SRCGP6	5	
594830.33	4130051.74	0.07782	45.48	45.48	1.5	ANNUAL	SRCGP6	5	
594850.33	4130051.74	0.08072	45.38	45.38	1.5	ANNUAL	SRCGP6	5	
594870.33	4130051.74	0.08416	45.25	45.25	1.5	ANNUAL	SRCGP6	5	
594890.33	4130051.74	0.08822	45.25	45.25	1.5	ANNUAL	SRCGP6	5	
594910.33	4130051.74	0.09322	45.16	45.16	1.5	ANNUAL	SRCGP6	5	
594930.33	4130051.74	0.0994	44.98	44.98	1.5	ANNUAL	SRCGP6	5	
594950.33	4130051.74	0.10692	44.87	44.87	1.5	ANNUAL	SRCGP6	5	
594970.33	4130051.74	0.11612	44.77	44.77	1.5	ANNUAL	SRCGP6	5	
595010.33	4130051.74	0.14109	44.59	44.59	1.5	ANNUAL	SRCGP6	5	
595030.33	4130051.74	0.15793	44.46	44.46	1.5	ANNUAL	SRCGP6	5	
595050.33	4130051.74	0.17853	44.38	44.38	1.5	ANNUAL	SRCGP6	5	
595090.33	4130051.74	0.23537	44.21	44.21	1.5	ANNUAL	SRCGP6	5	
595150.33	4130051.74	0.38083	44.05	44.05	1.5	ANNUAL	SRCGP6	5	
595170.33	4130051.74	0.4515	44.02	44.02	1.5	ANNUAL	SRCGP6	5	
595210.33	4130051.74	0.63178	44.28	44.28	1.5	ANNUAL	SRCGP6	5	
595230.33	4130051.74	0.7476	43.96	43.96	1.5	ANNUAL	SRCGP6	5	
595250.33	4130051.74	0.87481	44.25	44.25	1.5	ANNUAL	SRCGP6	5	
595270.33	4130051.74	1.02224	44.2	44.2	1.5	ANNUAL	SRCGP6	5	
595430.33	4130051.74	2.60002	43.08	43.08	1.5	ANNUAL	SRCGP6	5	
595450.33	4130051.74	2.74499	43.26	43.26	1.5	ANNUAL	SRCGP6	5	
594490.33	4130071.74	0.05112	46.16	46.16	1.5	ANNUAL	SRCGP6	5	
594510.33	4130071.74	0.05239	46.59	46.59	1.5	ANNUAL	SRCGP6	5	
594550.33	4130071.74	0.05536	46.73	46.73	1.5	ANNUAL	SRCGP6	5	
594570.33	4130071.74	0.05714	46.28	46.28	1.5	ANNUAL	SRCGP6	5	
594790.33	4130071.74	0.07969	45.62	45.62	1.5	ANNUAL	SRCGP6	5	
594810.33	4130071.74	0.08219	45.65	45.65	1.5	ANNUAL	SRCGP6	5	
594830.33	4130071.74	0.08497	45.61	45.61	1.5	ANNUAL	SRCGP6	5	
594850.33	4130071.74	0.08812	45.54	45.54	1.5	ANNUAL	SRCGP6	5	
594870.33	4130071.74	0.09192	45.22	45.22	1.5	ANNUAL	SRCGP6	5	
594890.33	4130071.74	0.0963	45.09	45.09	1.5	ANNUAL	SRCGP6	5	
594910.33	4130071.74	0.10148	45.09	45.09	1.5	ANNUAL	SRCGP6	5	
594930.33	4130071.74	0.10789	45.01	45.01	1.5	ANNUAL	SRCGP6	5	
594950.33	4130071.74	0.11572	44.99	44.99	1.5	ANNUAL	SRCGP6	5	
594970.33	4130071.74	0.12573	44.64	44.64	1.5	ANNUAL	SRCGP6	5	
595010.33	4130071.74	0.15271	44.42	44.42	1.5	ANNUAL	SRCGP6	5	
595030.33	4130071.74	0.17108	44.35	44.35	1.5	ANNUAL	SRCGP6	5	
595050.33	4130071.74	0.19399	44.22	44.22	1.5	ANNUAL	SRCGP6	5	
595090.33	4130071.74	0.25784	44.17	44.17	1.5	ANNUAL	SRCGP6	5	
595110.33	4130071.74	0.30266	44.05	44.05	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.33	4130071.74	0.4272	43.99	43.99	1.5	ANNUAL	SRCGP6	5	
595210.33	4130071.74	0.73179	43.93	43.93	1.5	ANNUAL	SRCGP6	5	
595230.33	4130071.74	0.87288	43.75	43.75	1.5	ANNUAL	SRCGP6	5	
595250.33	4130071.74	1.03122	43.96	43.96	1.5	ANNUAL	SRCGP6	5	
595270.33	4130071.74	1.21504	43.88	43.88	1.5	ANNUAL	SRCGP6	5	
595430.33	4130071.74	3.05846	43.02	43.02	1.5	ANNUAL	SRCGP6	5	
595450.33	4130071.74	3.2026	43.1	43.1	1.5	ANNUAL	SRCGP6	5	
594510.33	4130091.74	0.0554	46.34	46.34	1.5	ANNUAL	SRCGP6	5	
594550.33	4130091.74	0.05871	46.5	46.5	1.5	ANNUAL	SRCGP6	5	
594570.33	4130091.74	0.06064	46.22	46.22	1.5	ANNUAL	SRCGP6	5	
595010.33	4130091.74	0.16637	44.23	44.23	1.5	ANNUAL	SRCGP6	5	
595030.33	4130091.74	0.18644	44.22	44.22	1.5	ANNUAL	SRCGP6	5	
595050.33	4130091.74	0.21201	44.04	44.04	1.5	ANNUAL	SRCGP6	5	
595090.33	4130091.74	0.28435	44.03	44.03	1.5	ANNUAL	SRCGP6	5	
595110.33	4130091.74	0.33602	43.96	43.96	1.5	ANNUAL	SRCGP6	5	
595150.33	4130091.74	0.48374	43.8	43.8	1.5	ANNUAL	SRCGP6	5	
595170.33	4130091.74	0.5852	43.76	43.76	1.5	ANNUAL	SRCGP6	5	
595190.33	4130091.74	0.70715	43.9	43.9	1.5	ANNUAL	SRCGP6	5	
595210.33	4130091.74	0.85448	43.88	43.88	1.5	ANNUAL	SRCGP6	5	
595230.33	4130091.74	1.02807	43.86	43.86	1.5	ANNUAL	SRCGP6	5	
595250.33	4130091.74	1.23063	43.77	43.77	1.5	ANNUAL	SRCGP6	5	
595430.33	4130091.74	3.60564	42.96	42.96	1.5	ANNUAL	SRCGP6	5	
595450.33	4130091.74	3.73482	43.04	43.04	1.5	ANNUAL	SRCGP6	5	
594510.33	4130111.74	0.05861	46.21	46.21	1.5	ANNUAL	SRCGP6	5	
594530.33	4130111.74	0.06036	46.37	46.37	1.5	ANNUAL	SRCGP6	5	
594550.33	4130111.74	0.06231	46.31	46.31	1.5	ANNUAL	SRCGP6	5	
594570.33	4130111.74	0.06445	46.07	46.07	1.5	ANNUAL	SRCGP6	5	
595010.33	4130111.74	0.18241	44.14	44.14	1.5	ANNUAL	SRCGP6	5	
595030.33	4130111.74	0.20468	44.04	44.04	1.5	ANNUAL	SRCGP6	5	
595050.33	4130111.74	0.23294	43.97	43.97	1.5	ANNUAL	SRCGP6	5	
595090.33	4130111.74	0.31543	43.94	43.94	1.5	ANNUAL	SRCGP6	5	
595110.33	4130111.74	0.37602	43.79	43.79	1.5	ANNUAL	SRCGP6	5	
595130.33	4130111.74	0.45452	43.56	43.56	1.5	ANNUAL	SRCGP6	5	
595150.33	4130111.74	0.55334	43.53	43.53	1.5	ANNUAL	SRCGP6	5	
595170.33	4130111.74	0.67658	43.59	43.59	1.5	ANNUAL	SRCGP6	5	
595190.33	4130111.74	0.82582	43.9	43.9	1.5	ANNUAL	SRCGP6	5	
595210.33	4130111.74	1.01023	43.88	43.88	1.5	ANNUAL	SRCGP6	5	
595230.33	4130111.74	1.23215	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595250.33	4130111.74	1.48871	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595430.33	4130111.74	4.25409	42.89	42.89	1.5	ANNUAL	SRCGP6	5	
595450.33	4130111.74	4.35316	42.89	42.89	1.5	ANNUAL	SRCGP6	5	
594510.33	4130131.74	0.06217	45.89	45.89	1.5	ANNUAL	SRCGP6	5	
594530.33	4130131.74	0.06418	45.93	45.93	1.5	ANNUAL	SRCGP6	5	
594550.33	4130131.74	0.06628	46	46	1.5	ANNUAL	SRCGP6	5	
594570.33	4130131.74	0.06861	45.87	45.87	1.5	ANNUAL	SRCGP6	5	
595010.33	4130131.74	0.20179	44.01	44.01	1.5	ANNUAL	SRCGP6	5	
595030.33	4130131.74	0.22607	44.04	44.04	1.5	ANNUAL	SRCGP6	5	
595050.33	4130131.74	0.25789	43.89	43.89	1.5	ANNUAL	SRCGP6	5	
595090.33	4130131.74	0.35258	43.83	43.83	1.5	ANNUAL	SRCGP6	5	
595110.33	4130131.74	0.42424	43.61	43.61	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595130.33	4130131.74	0.51832	43.39	43.39	1.5	ANNUAL	SRCGP6	5	
595150.33	4130131.74	0.63845	43.41	43.41	1.5	ANNUAL	SRCGP6	5	
595170.33	4130131.74	0.78963	43.62	43.62	1.5	ANNUAL	SRCGP6	5	
595190.33	4130131.74	0.97979	43.74	43.74	1.5	ANNUAL	SRCGP6	5	
595210.33	4130131.74	1.21474	43.76	43.76	1.5	ANNUAL	SRCGP6	5	
595230.33	4130131.74	1.49737	43.77	43.77	1.5	ANNUAL	SRCGP6	5	
595250.33	4130131.74	1.83016	43.74	43.74	1.5	ANNUAL	SRCGP6	5	
595430.33	4130131.74	5.01828	42.69	42.69	1.5	ANNUAL	SRCGP6	5	
595450.33	4130131.74	5.05313	42.8	42.8	1.5	ANNUAL	SRCGP6	5	
595010.33	4130151.74	0.22553	43.85	43.85	1.5	ANNUAL	SRCGP6	5	
595030.33	4130151.74	0.25285	43.77	43.77	1.5	ANNUAL	SRCGP6	5	
595050.33	4130151.74	0.28836	43.73	43.73	1.5	ANNUAL	SRCGP6	5	
595090.33	4130151.74	0.39761	43.71	43.71	1.5	ANNUAL	SRCGP6	5	
595110.33	4130151.74	0.48209	43.6	43.6	1.5	ANNUAL	SRCGP6	5	
595130.33	4130151.74	0.5966	43.32	43.32	1.5	ANNUAL	SRCGP6	5	
595150.33	4130151.74	0.74635	43.24	43.24	1.5	ANNUAL	SRCGP6	5	
595170.33	4130151.74	0.93668	43.5	43.5	1.5	ANNUAL	SRCGP6	5	
595190.33	4130151.74	1.18428	43.44	43.44	1.5	ANNUAL	SRCGP6	5	
595210.33	4130151.74	1.49413	43.35	43.35	1.5	ANNUAL	SRCGP6	5	
595230.33	4130151.74	1.86266	43.56	43.56	1.5	ANNUAL	SRCGP6	5	
595250.33	4130151.74	2.30178	43.57	43.57	1.5	ANNUAL	SRCGP6	5	
595430.33	4130151.74	5.88906	42.6	42.6	1.5	ANNUAL	SRCGP6	5	
595450.33	4130151.74	5.82886	42.66	42.66	1.5	ANNUAL	SRCGP6	5	
594490.33	4130351.74	0.12059	45.24	45.24	1.5	ANNUAL	SRCGP6	5	
594510.33	4130351.74	0.12698	44.82	44.82	1.5	ANNUAL	SRCGP6	5	
594530.33	4130351.74	0.13394	44.4	44.4	1.5	ANNUAL	SRCGP6	5	
594550.33	4130351.74	0.14141	44.19	44.19	1.5	ANNUAL	SRCGP6	5	
594570.33	4130351.74	0.14975	43.75	43.75	1.5	ANNUAL	SRCGP6	5	
594490.33	4130371.74	0.12884	44.82	44.82	1.5	ANNUAL	SRCGP6	5	
594510.33	4130371.74	0.13609	44.21	44.21	1.5	ANNUAL	SRCGP6	5	
594530.33	4130371.74	0.14392	43.77	43.77	1.5	ANNUAL	SRCGP6	5	
594550.33	4130371.74	0.1523	43.63	43.63	1.5	ANNUAL	SRCGP6	5	
594570.33	4130371.74	0.16152	43.47	43.47	1.5	ANNUAL	SRCGP6	5	
594470.33	4130391.74	0.13102	43.76	43.76	1.5	ANNUAL	SRCGP6	5	
594490.33	4130391.74	0.138	43.97	43.97	1.5	ANNUAL	SRCGP6	5	
594550.33	4130391.74	0.16407	43.23	43.23	1.5	ANNUAL	SRCGP6	5	
594570.33	4130391.74	0.17433	43.27	43.27	1.5	ANNUAL	SRCGP6	5	
594470.33	4130411.74	0.13989	43.34	43.34	1.5	ANNUAL	SRCGP6	5	
594490.33	4130411.74	0.14773	43.48	43.48	1.5	ANNUAL	SRCGP6	5	
594530.33	4130411.74	0.16632	42.96	42.96	1.5	ANNUAL	SRCGP6	5	
594550.33	4130411.74	0.17676	43.07	43.07	1.5	ANNUAL	SRCGP6	5	
594570.33	4130411.74	0.18834	43.15	43.15	1.5	ANNUAL	SRCGP6	5	
594470.33	4130431.74	0.14931	43.29	43.29	1.5	ANNUAL	SRCGP6	5	
594490.33	4130431.74	0.15807	43.36	43.36	1.5	ANNUAL	SRCGP6	5	
594530.33	4130431.74	0.17872	43.06	43.06	1.5	ANNUAL	SRCGP6	5	
594550.33	4130431.74	0.19064	42.99	42.99	1.5	ANNUAL	SRCGP6	5	
595474.53	4130151.04	5.63872	42.33	42.33	1.5	ANNUAL	SRCGP6	5	
595514.53	4130151.04	5.16768	42.17	42.17	1.5	ANNUAL	SRCGP6	5	
595534.53	4130151.04	4.88262	42.05	42.05	1.5	ANNUAL	SRCGP6	5	
595554.53	4130151.04	4.58026	42.01	42.01	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130151.04	3.97077	41.92	41.92	1.5	ANNUAL	SRCGP6	5	
595614.53	4130151.04	3.67571	41.99	41.99	1.5	ANNUAL	SRCGP6	5	
595634.53	4130151.04	3.39495	42.03	42.03	1.5	ANNUAL	SRCGP6	5	
595674.53	4130151.04	2.88696	41.79	41.79	1.5	ANNUAL	SRCGP6	5	
595694.53	4130151.04	2.65755	41.86	41.86	1.5	ANNUAL	SRCGP6	5	
595714.53	4130151.04	2.44727	41.8	41.8	1.5	ANNUAL	SRCGP6	5	
595734.53	4130151.04	2.25477	41.67	41.67	1.5	ANNUAL	SRCGP6	5	
595774.53	4130151.04	1.91721	41.48	41.48	1.5	ANNUAL	SRCGP6	5	
595794.53	4130151.04	1.77036	41.39	41.39	1.5	ANNUAL	SRCGP6	5	
595434.53	4130171.04	6.8014	42.27	42.27	1.5	ANNUAL	SRCGP6	5	
595454.53	4130171.04	6.58902	42.13	42.13	1.5	ANNUAL	SRCGP6	5	
595474.53	4130171.04	6.29371	42.04	42.04	1.5	ANNUAL	SRCGP6	5	
595514.53	4130171.04	5.56893	41.74	41.74	1.5	ANNUAL	SRCGP6	5	
595534.53	4130171.04	5.17541	41.7	41.7	1.5	ANNUAL	SRCGP6	5	
595554.53	4130171.04	4.78411	41.64	41.64	1.5	ANNUAL	SRCGP6	5	
595594.53	4130171.04	4.04055	41.67	41.67	1.5	ANNUAL	SRCGP6	5	
595614.53	4130171.04	3.70134	41.62	41.62	1.5	ANNUAL	SRCGP6	5	
595634.53	4130171.04	3.38612	41.6	41.6	1.5	ANNUAL	SRCGP6	5	
595674.53	4130171.04	2.83178	41.44	41.44	1.5	ANNUAL	SRCGP6	5	
595694.53	4130171.04	2.59004	41.43	41.43	1.5	ANNUAL	SRCGP6	5	
595714.53	4130171.04	2.37068	41.43	41.43	1.5	ANNUAL	SRCGP6	5	
595734.53	4130171.04	2.17322	41.25	41.25	1.5	ANNUAL	SRCGP6	5	
595774.53	4130171.04	1.83182	41.25	41.25	1.5	ANNUAL	SRCGP6	5	
595794.53	4130171.04	1.68569	41.19	41.19	1.5	ANNUAL	SRCGP6	5	
595434.53	4130211.04	8.70758	42.45	42.45	1.5	ANNUAL	SRCGP6	5	
595474.53	4130211.04	7.36174	42.11	42.11	1.5	ANNUAL	SRCGP6	5	
595494.53	4130211.04	6.67352	42.24	42.24	1.5	ANNUAL	SRCGP6	5	
595514.53	4130211.04	6.02927	42.06	42.06	1.5	ANNUAL	SRCGP6	5	
595534.53	4130211.04	5.42719	41.95	41.95	1.5	ANNUAL	SRCGP6	5	
595574.53	4130211.04	4.38211	41.51	41.51	1.5	ANNUAL	SRCGP6	5	
595594.53	4130211.04	3.9285	41.82	41.82	1.5	ANNUAL	SRCGP6	5	
595614.53	4130211.04	3.53185	41.66	41.66	1.5	ANNUAL	SRCGP6	5	
595634.53	4130211.04	3.17756	41.66	41.66	1.5	ANNUAL	SRCGP6	5	
595654.53	4130211.04	2.86384	41.67	41.67	1.5	ANNUAL	SRCGP6	5	
595674.53	4130211.04	2.58612	41.71	41.71	1.5	ANNUAL	SRCGP6	5	
595694.53	4130211.04	2.34272	41.56	41.56	1.5	ANNUAL	SRCGP6	5	
595714.53	4130211.04	2.12638	41.52	41.52	1.5	ANNUAL	SRCGP6	5	
595734.53	4130211.04	1.93499	41.47	41.47	1.5	ANNUAL	SRCGP6	5	
595774.53	4130211.04	1.61553	41.13	41.13	1.5	ANNUAL	SRCGP6	5	
595794.53	4130211.04	1.48131	40.99	40.99	1.5	ANNUAL	SRCGP6	5	
595434.53	4130231.04	9.5074	42.42	42.42	1.5	ANNUAL	SRCGP6	5	
595474.53	4130231.04	7.65404	41.98	41.98	1.5	ANNUAL	SRCGP6	5	
595494.53	4130231.04	6.80047	42.09	42.09	1.5	ANNUAL	SRCGP6	5	
595514.53	4130231.04	6.03631	41.94	41.94	1.5	ANNUAL	SRCGP6	5	
595534.53	4130231.04	5.35177	41.87	41.87	1.5	ANNUAL	SRCGP6	5	
595574.53	4130231.04	4.22159	41.43	41.43	1.5	ANNUAL	SRCGP6	5	
595594.53	4130231.04	3.7512	41.69	41.69	1.5	ANNUAL	SRCGP6	5	
595614.53	4130231.04	3.34675	41.59	41.59	1.5	ANNUAL	SRCGP6	5	
595634.53	4130231.04	2.99214	41.63	41.63	1.5	ANNUAL	SRCGP6	5	
595654.53	4130231.04	2.68421	41.58	41.58	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595674.53	4130231.04	2.41519	41.55	41.55	1.5	ANNUAL	SRCGP6	5	
595694.53	4130231.04	2.18027	41.5	41.5	1.5	ANNUAL	SRCGP6	5	
595714.53	4130231.04	1.97568	41.33	41.33	1.5	ANNUAL	SRCGP6	5	
595734.53	4130231.04	1.79486	41.19	41.19	1.5	ANNUAL	SRCGP6	5	
595774.53	4130231.04	1.49446	41.05	41.05	1.5	ANNUAL	SRCGP6	5	
595794.53	4130231.04	1.3698	40.93	40.93	1.5	ANNUAL	SRCGP6	5	
595434.53	4130251.04	10.027	42.32	42.32	1.5	ANNUAL	SRCGP6	5	
595474.53	4130251.04	7.69304	41.76	41.76	1.5	ANNUAL	SRCGP6	5	
595494.53	4130251.04	6.70777	41.87	41.87	1.5	ANNUAL	SRCGP6	5	
595514.53	4130251.04	5.85655	41.88	41.88	1.5	ANNUAL	SRCGP6	5	
595534.53	4130251.04	5.1297	41.66	41.66	1.5	ANNUAL	SRCGP6	5	
595574.53	4130251.04	3.96748	41.38	41.38	1.5	ANNUAL	SRCGP6	5	
595594.53	4130251.04	3.50094	41.62	41.62	1.5	ANNUAL	SRCGP6	5	
595614.53	4130251.04	3.105	41.63	41.63	1.5	ANNUAL	SRCGP6	5	
595634.53	4130251.04	2.76658	41.53	41.53	1.5	ANNUAL	SRCGP6	5	
595654.53	4130251.04	2.47382	41.51	41.51	1.5	ANNUAL	SRCGP6	5	
595674.53	4130251.04	2.2215	41.44	41.44	1.5	ANNUAL	SRCGP6	5	
595694.53	4130251.04	2.00282	41.36	41.36	1.5	ANNUAL	SRCGP6	5	
595714.53	4130251.04	1.81199	41.33	41.33	1.5	ANNUAL	SRCGP6	5	
595734.53	4130251.04	1.64554	41.2	41.2	1.5	ANNUAL	SRCGP6	5	
595774.53	4130251.04	1.37069	41.06	41.06	1.5	ANNUAL	SRCGP6	5	
595794.53	4130251.04	1.25718	40.81	40.81	1.5	ANNUAL	SRCGP6	5	
595474.53	4130271.04	7.43402	41.63	41.63	1.5	ANNUAL	SRCGP6	5	
595494.53	4130271.04	6.38125	41.68	41.68	1.5	ANNUAL	SRCGP6	5	
595514.53	4130271.04	5.5028	41.64	41.64	1.5	ANNUAL	SRCGP6	5	
595534.53	4130271.04	4.76716	41.62	41.62	1.5	ANNUAL	SRCGP6	5	
595574.53	4130271.04	3.63973	41.26	41.26	1.5	ANNUAL	SRCGP6	5	
595594.53	4130271.04	3.19687	41.54	41.54	1.5	ANNUAL	SRCGP6	5	
595614.53	4130271.04	2.8303	41.36	41.36	1.5	ANNUAL	SRCGP6	5	
595774.53	4130271.04	1.2483	40.98	40.98	1.5	ANNUAL	SRCGP6	5	
595794.53	4130271.04	1.14675	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
595474.53	4130291.04	6.89662	41.37	41.37	1.5	ANNUAL	SRCGP6	5	
595494.53	4130291.04	5.84922	41.47	41.47	1.5	ANNUAL	SRCGP6	5	
595514.53	4130291.04	5.00546	41.31	41.31	1.5	ANNUAL	SRCGP6	5	
595534.53	4130291.04	4.31023	41.15	41.15	1.5	ANNUAL	SRCGP6	5	
595574.53	4130291.04	3.26149	41.18	41.18	1.5	ANNUAL	SRCGP6	5	
595594.53	4130291.04	2.86113	41.46	41.46	1.5	ANNUAL	SRCGP6	5	
595614.53	4130291.04	2.53225	41.26	41.26	1.5	ANNUAL	SRCGP6	5	
595654.53	4130291.04	2.01133	41.34	41.34	1.5	ANNUAL	SRCGP6	5	
595674.53	4130291.04	1.80772	41.27	41.27	1.5	ANNUAL	SRCGP6	5	
595694.53	4130291.04	1.63163	41.31	41.31	1.5	ANNUAL	SRCGP6	5	
595714.53	4130291.04	1.47987	41.17	41.17	1.5	ANNUAL	SRCGP6	5	
595734.53	4130291.04	1.34765	41.1	41.1	1.5	ANNUAL	SRCGP6	5	
595774.53	4130291.04	1.13062	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
595794.53	4130291.04	1.04054	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
595474.53	4130311.04	6.12859	41.31	41.31	1.5	ANNUAL	SRCGP6	5	
595494.53	4130311.04	5.16689	41.36	41.36	1.5	ANNUAL	SRCGP6	5	
595514.53	4130311.04	4.40283	41.29	41.29	1.5	ANNUAL	SRCGP6	5	
595534.53	4130311.04	3.78341	41.26	41.26	1.5	ANNUAL	SRCGP6	5	
595574.53	4130311.04	2.8637	40.98	40.98	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130311.04	2.51901	41.26	41.26	1.5	ANNUAL	SRCGP6	5	
595614.53	4130311.04	2.23107	41.17	41.17	1.5	ANNUAL	SRCGP6	5	
595654.53	4130311.04	1.78209	41.15	41.15	1.5	ANNUAL	SRCGP6	5	
595674.53	4130311.04	1.60579	41.14	41.14	1.5	ANNUAL	SRCGP6	5	
595694.53	4130311.04	1.45403	41.23	41.23	1.5	ANNUAL	SRCGP6	5	
595714.53	4130311.04	1.32271	41.11	41.11	1.5	ANNUAL	SRCGP6	5	
595734.53	4130311.04	1.20837	40.94	40.94	1.5	ANNUAL	SRCGP6	5	
595774.53	4130311.04	1.0199	40.74	40.74	1.5	ANNUAL	SRCGP6	5	
595794.53	4130311.04	0.94162	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
595474.53	4130331.04	5.2362	41.06	41.06	1.5	ANNUAL	SRCGP6	5	
595494.53	4130331.04	4.41595	41.13	41.13	1.5	ANNUAL	SRCGP6	5	
595514.53	4130331.04	3.76624	41.05	41.05	1.5	ANNUAL	SRCGP6	5	
595534.53	4130331.04	3.24477	40.96	40.96	1.5	ANNUAL	SRCGP6	5	
595574.53	4130331.04	2.47343	40.96	40.96	1.5	ANNUAL	SRCGP6	5	
595594.53	4130331.04	2.18484	41.2	41.2	1.5	ANNUAL	SRCGP6	5	
595614.53	4130331.04	1.94348	41.07	41.07	1.5	ANNUAL	SRCGP6	5	
595654.53	4130331.04	1.56604	40.97	40.97	1.5	ANNUAL	SRCGP6	5	
595674.53	4130331.04	1.41722	40.99	40.99	1.5	ANNUAL	SRCGP6	5	
595694.53	4130331.04	1.28866	41.23	41.23	1.5	ANNUAL	SRCGP6	5	
595714.53	4130331.04	1.17709	41.05	41.05	1.5	ANNUAL	SRCGP6	5	
595734.53	4130331.04	1.07956	40.91	40.91	1.5	ANNUAL	SRCGP6	5	
595774.53	4130331.04	0.91772	40.66	40.66	1.5	ANNUAL	SRCGP6	5	
595794.53	4130331.04	0.85042	40.6	40.6	1.5	ANNUAL	SRCGP6	5	
595414.53	4130351.04	7.72996	41.2	41.2	1.5	ANNUAL	SRCGP6	5	
595434.53	4130351.04	6.26773	41.19	41.19	1.5	ANNUAL	SRCGP6	5	
595474.53	4130351.04	4.32901	41.08	41.08	1.5	ANNUAL	SRCGP6	5	
595494.53	4130351.04	3.67272	41.14	41.14	1.5	ANNUAL	SRCGP6	5	
595514.53	4130351.04	3.15269	40.98	40.98	1.5	ANNUAL	SRCGP6	5	
595534.53	4130351.04	2.73422	40.97	40.97	1.5	ANNUAL	SRCGP6	5	
595574.53	4130351.04	2.11202	40.83	40.83	1.5	ANNUAL	SRCGP6	5	
595594.53	4130351.04	1.87752	41.1	41.1	1.5	ANNUAL	SRCGP6	5	
595614.53	4130351.04	1.68034	40.97	40.97	1.5	ANNUAL	SRCGP6	5	
595694.53	4130351.04	1.13871	41.09	41.09	1.5	ANNUAL	SRCGP6	5	
595714.53	4130351.04	1.04503	41	41	1.5	ANNUAL	SRCGP6	5	
595734.53	4130351.04	0.96267	40.77	40.77	1.5	ANNUAL	SRCGP6	5	
595774.53	4130351.04	0.82548	40.76	40.76	1.5	ANNUAL	SRCGP6	5	
595794.53	4130351.04	0.76702	40.43	40.43	1.5	ANNUAL	SRCGP6	5	
595414.53	4130371.04	6.03761	41	41	1.5	ANNUAL	SRCGP6	5	
595434.53	4130371.04	4.95243	41.02	41.02	1.5	ANNUAL	SRCGP6	5	
595474.53	4130371.04	3.50036	40.85	40.85	1.5	ANNUAL	SRCGP6	5	
595494.53	4130371.04	3.00235	40.93	40.93	1.5	ANNUAL	SRCGP6	5	
595514.53	4130371.04	2.60387	40.82	40.82	1.5	ANNUAL	SRCGP6	5	
595534.53	4130371.04	2.27953	40.74	40.74	1.5	ANNUAL	SRCGP6	5	
595574.53	4130371.04	1.79178	40.73	40.73	1.5	ANNUAL	SRCGP6	5	
595594.53	4130371.04	1.60601	40.93	40.93	1.5	ANNUAL	SRCGP6	5	
595614.53	4130371.04	1.44784	40.79	40.79	1.5	ANNUAL	SRCGP6	5	
595654.53	4130371.04	1.19558	40.92	40.92	1.5	ANNUAL	SRCGP6	5	
595674.53	4130371.04	1.09411	40.87	40.87	1.5	ANNUAL	SRCGP6	5	
595694.53	4130371.04	1.00537	40.94	40.94	1.5	ANNUAL	SRCGP6	5	
595714.53	4130371.04	0.92735	40.9	40.9	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595734.53	4130371.04	0.85818	40.73	40.73	1.5	ANNUAL	SRCGP6	5	
595774.53	4130371.04	0.74195	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
595794.53	4130371.04	0.69237	40.41	40.41	1.5	ANNUAL	SRCGP6	5	
595414.53	4130391.04	4.59066	41.01	41.01	1.5	ANNUAL	SRCGP6	5	
595434.53	4130391.04	3.83818	40.91	40.91	1.5	ANNUAL	SRCGP6	5	
595474.53	4130391.04	2.80274	40.81	40.81	1.5	ANNUAL	SRCGP6	5	
595494.53	4130391.04	2.43769	40.83	40.83	1.5	ANNUAL	SRCGP6	5	
595514.53	4130391.04	2.13961	40.71	40.71	1.5	ANNUAL	SRCGP6	5	
595534.53	4130391.04	1.89369	40.6	40.6	1.5	ANNUAL	SRCGP6	5	
595614.53	4130391.04	1.2472	40.69	40.69	1.5	ANNUAL	SRCGP6	5	
595654.53	4130391.04	1.04456	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
595674.53	4130391.04	0.96163	40.89	40.89	1.5	ANNUAL	SRCGP6	5	
595694.53	4130391.04	0.88855	40.85	40.85	1.5	ANNUAL	SRCGP6	5	
595714.53	4130391.04	0.82379	40.78	40.78	1.5	ANNUAL	SRCGP6	5	
595734.53	4130391.04	0.76588	40.69	40.69	1.5	ANNUAL	SRCGP6	5	
595774.53	4130391.04	0.66788	40.6	40.6	1.5	ANNUAL	SRCGP6	5	
595794.53	4130391.04	0.62567	40.39	40.39	1.5	ANNUAL	SRCGP6	5	
595414.53	4130411.04	3.47769	40.72	40.72	1.5	ANNUAL	SRCGP6	5	
595434.53	4130411.04	2.97366	40.77	40.77	1.5	ANNUAL	SRCGP6	5	
595614.53	4130411.04	1.07817	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
595654.53	4130411.04	0.9149	40.69	40.69	1.5	ANNUAL	SRCGP6	5	
595674.53	4130411.04	0.84713	40.67	40.67	1.5	ANNUAL	SRCGP6	5	
595694.53	4130411.04	0.787	40.68	40.68	1.5	ANNUAL	SRCGP6	5	
595714.53	4130411.04	0.73336	40.71	40.71	1.5	ANNUAL	SRCGP6	5	
595734.53	4130411.04	0.68495	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
595774.53	4130411.04	0.60189	40.4	40.4	1.5	ANNUAL	SRCGP6	5	
595794.53	4130411.04	0.5663	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
595414.53	4130431.04	2.68228	40.71	40.71	1.5	ANNUAL	SRCGP6	5	
595434.53	4130431.04	2.33782	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
595454.53	4130431.04	2.05433	40.4	40.4	1.5	ANNUAL	SRCGP6	5	
595474.53	4130431.04	1.8276	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
595494.53	4130431.04	1.6336	40.55	40.55	1.5	ANNUAL	SRCGP6	5	
595514.53	4130431.04	1.47068	40.57	40.57	1.5	ANNUAL	SRCGP6	5	
595614.53	4130431.04	0.93757	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
595774.53	4130431.04	0.54431	40.4	40.4	1.5	ANNUAL	SRCGP6	5	
595794.53	4130431.04	0.51389	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
595414.53	4130451.04	2.12818	40.69	40.69	1.5	ANNUAL	SRCGP6	5	
595434.53	4130451.04	1.88529	40.59	40.59	1.5	ANNUAL	SRCGP6	5	
595454.53	4130451.04	1.68047	40.36	40.36	1.5	ANNUAL	SRCGP6	5	
595474.53	4130451.04	1.51358	40.59	40.59	1.5	ANNUAL	SRCGP6	5	
595494.53	4130451.04	1.36928	40.67	40.67	1.5	ANNUAL	SRCGP6	5	
595514.53	4130451.04	1.24358	40.56	40.56	1.5	ANNUAL	SRCGP6	5	
595614.53	4130451.04	0.82209	40.53	40.53	1.5	ANNUAL	SRCGP6	5	
595634.53	4130451.04	0.76542	40.72	40.72	1.5	ANNUAL	SRCGP6	5	
595654.53	4130451.04	0.7134	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
595674.53	4130451.04	0.66739	40.58	40.58	1.5	ANNUAL	SRCGP6	5	
595694.53	4130451.04	0.62542	40.45	40.45	1.5	ANNUAL	SRCGP6	5	
595714.53	4130451.04	0.58773	40.42	40.42	1.5	ANNUAL	SRCGP6	5	
595734.53	4130451.04	0.55374	40.5	40.5	1.5	ANNUAL	SRCGP6	5	
595774.53	4130451.04	0.4938	40.32	40.32	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.53	4130451.04	0.46781	40.33	40.33	1.5	ANNUAL	SRCGP6	5	
595414.53	4130471.04	1.73931	40.7	40.7	1.5	ANNUAL	SRCGP6	5	
595434.53	4130471.04	1.5607	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
595454.53	4130471.04	1.4057	40.3	40.3	1.5	ANNUAL	SRCGP6	5	
595474.53	4130471.04	1.2789	40.59	40.59	1.5	ANNUAL	SRCGP6	5	
595494.53	4130471.04	1.16697	40.67	40.67	1.5	ANNUAL	SRCGP6	5	
595514.53	4130471.04	1.06869	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
595614.53	4130471.04	0.72701	40.44	40.44	1.5	ANNUAL	SRCGP6	5	
595634.53	4130471.04	0.67989	40.58	40.58	1.5	ANNUAL	SRCGP6	5	
595654.53	4130471.04	0.63664	40.47	40.47	1.5	ANNUAL	SRCGP6	5	
595674.53	4130471.04	0.59796	40.5	40.5	1.5	ANNUAL	SRCGP6	5	
595694.53	4130471.04	0.56244	40.36	40.36	1.5	ANNUAL	SRCGP6	5	
595714.53	4130471.04	0.53015	40.23	40.23	1.5	ANNUAL	SRCGP6	5	
595734.53	4130471.04	0.50112	40.29	40.29	1.5	ANNUAL	SRCGP6	5	
595774.53	4130471.04	0.44987	40.25	40.25	1.5	ANNUAL	SRCGP6	5	
595794.53	4130471.04	0.42733	40.24	40.24	1.5	ANNUAL	SRCGP6	5	
595414.53	4130491.04	1.4556	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
595434.53	4130491.04	1.31986	40.59	40.59	1.5	ANNUAL	SRCGP6	5	
595454.53	4130491.04	1.19905	40.2	40.2	1.5	ANNUAL	SRCGP6	5	
595474.53	4130491.04	1.09895	40.42	40.42	1.5	ANNUAL	SRCGP6	5	
595494.53	4130491.04	1.00985	40.49	40.49	1.5	ANNUAL	SRCGP6	5	
595514.53	4130491.04	0.93176	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
595614.53	4130491.04	0.64881	40.26	40.26	1.5	ANNUAL	SRCGP6	5	
595634.53	4130491.04	0.60915	40.42	40.42	1.5	ANNUAL	SRCGP6	5	
595654.53	4130491.04	0.57254	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
595674.53	4130491.04	0.53943	40.31	40.31	1.5	ANNUAL	SRCGP6	5	
595694.53	4130491.04	0.50931	40.31	40.31	1.5	ANNUAL	SRCGP6	5	
595714.53	4130491.04	0.48143	40.15	40.15	1.5	ANNUAL	SRCGP6	5	
595734.53	4130491.04	0.45633	40.2	40.2	1.5	ANNUAL	SRCGP6	5	
594970.73	4130091.46	0.13738	44.35	44.35	1.5	ANNUAL	SRCGP6	5	
595473.2	4129914.46	1.13139	43.66	43.66	1.5	ANNUAL	SRCGP6	5	
595513.2	4129914.46	1.28647	43.35	43.35	1.5	ANNUAL	SRCGP6	5	
595533.2	4129914.46	1.35162	43.57	43.57	1.5	ANNUAL	SRCGP6	5	
595553.2	4129914.46	1.41047	43.62	43.62	1.5	ANNUAL	SRCGP6	5	
595573.2	4129914.46	1.46226	43.52	43.52	1.5	ANNUAL	SRCGP6	5	
595613.2	4129914.46	1.53974	43.31	43.31	1.5	ANNUAL	SRCGP6	5	
595633.2	4129914.46	1.56464	43.31	43.31	1.5	ANNUAL	SRCGP6	5	
595673.2	4129914.46	1.59397	42.87	42.87	1.5	ANNUAL	SRCGP6	5	
595693.2	4129914.46	1.59469	43	43	1.5	ANNUAL	SRCGP6	5	
595713.2	4129914.46	1.59121	42.82	42.82	1.5	ANNUAL	SRCGP6	5	
595733.2	4129914.46	1.58084	42.74	42.74	1.5	ANNUAL	SRCGP6	5	
595773.2	4129914.46	1.5446	42.48	42.48	1.5	ANNUAL	SRCGP6	5	
595793.2	4129914.46	1.51929	42.39	42.39	1.5	ANNUAL	SRCGP6	5	
595473.2	4129934.46	1.28679	43.44	43.44	1.5	ANNUAL	SRCGP6	5	
595513.2	4129934.46	1.45214	43.2	43.2	1.5	ANNUAL	SRCGP6	5	
595533.2	4129934.46	1.52038	43.29	43.29	1.5	ANNUAL	SRCGP6	5	
595553.2	4129934.46	1.57883	43.38	43.38	1.5	ANNUAL	SRCGP6	5	
595573.2	4129934.46	1.62698	43.47	43.47	1.5	ANNUAL	SRCGP6	5	
595613.2	4129934.46	1.69782	43.12	43.12	1.5	ANNUAL	SRCGP6	5	
595633.2	4129934.46	1.71726	43.06	43.06	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4129934.46	1.73062	42.78	42.78	1.5	ANNUAL	SRCGP6	5	
595693.2	4129934.46	1.72303	42.89	42.89	1.5	ANNUAL	SRCGP6	5	
595713.2	4129934.46	1.70996	42.81	42.81	1.5	ANNUAL	SRCGP6	5	
595733.2	4129934.46	1.69095	42.66	42.66	1.5	ANNUAL	SRCGP6	5	
595773.2	4129934.46	1.6356	42.47	42.47	1.5	ANNUAL	SRCGP6	5	
595793.2	4129934.46	1.60115	42.36	42.36	1.5	ANNUAL	SRCGP6	5	
595473.2	4129954.46	1.46919	43.17	43.17	1.5	ANNUAL	SRCGP6	5	
595513.2	4129954.46	1.64322	42.98	42.98	1.5	ANNUAL	SRCGP6	5	
595533.2	4129954.46	1.71169	43.09	43.09	1.5	ANNUAL	SRCGP6	5	
595553.2	4129954.46	1.76901	43.11	43.11	1.5	ANNUAL	SRCGP6	5	
595573.2	4129954.46	1.81403	43.13	43.13	1.5	ANNUAL	SRCGP6	5	
595613.2	4129954.46	1.86895	43.09	43.09	1.5	ANNUAL	SRCGP6	5	
595633.2	4129954.46	1.88014	43.03	43.03	1.5	ANNUAL	SRCGP6	5	
595673.2	4129954.46	1.87481	42.7	42.7	1.5	ANNUAL	SRCGP6	5	
595693.2	4129954.46	1.85659	42.8	42.8	1.5	ANNUAL	SRCGP6	5	
595713.2	4129954.46	1.83354	42.6	42.6	1.5	ANNUAL	SRCGP6	5	
595733.2	4129954.46	1.80259	42.55	42.55	1.5	ANNUAL	SRCGP6	5	
595773.2	4129954.46	1.72465	42.44	42.44	1.5	ANNUAL	SRCGP6	5	
595793.2	4129954.46	1.67985	42.3	42.3	1.5	ANNUAL	SRCGP6	5	
595473.2	4129974.46	1.68056	43.09	43.09	1.5	ANNUAL	SRCGP6	5	
595513.2	4129974.46	1.86033	42.94	42.94	1.5	ANNUAL	SRCGP6	5	
595533.2	4129974.46	1.92827	42.94	42.94	1.5	ANNUAL	SRCGP6	5	
595553.2	4129974.46	1.98027	43.04	43.04	1.5	ANNUAL	SRCGP6	5	
595613.2	4129974.46	2.05563	42.97	42.97	1.5	ANNUAL	SRCGP6	5	
595633.2	4129974.46	2.05569	42.89	42.89	1.5	ANNUAL	SRCGP6	5	
595673.2	4129974.46	2.02514	42.59	42.59	1.5	ANNUAL	SRCGP6	5	
595693.2	4129974.46	1.99387	42.66	42.66	1.5	ANNUAL	SRCGP6	5	
595713.2	4129974.46	1.9565	42.58	42.58	1.5	ANNUAL	SRCGP6	5	
595733.2	4129974.46	1.91348	42.4	42.4	1.5	ANNUAL	SRCGP6	5	
595773.2	4129974.46	1.81076	42.19	42.19	1.5	ANNUAL	SRCGP6	5	
595793.2	4129974.46	1.75242	42.3	42.3	1.5	ANNUAL	SRCGP6	5	
595473.2	4129994.46	1.92872	42.95	42.95	1.5	ANNUAL	SRCGP6	5	
595513.2	4129994.46	2.10907	42.86	42.86	1.5	ANNUAL	SRCGP6	5	
595533.2	4129994.46	2.17208	42.87	42.87	1.5	ANNUAL	SRCGP6	5	
595553.2	4129994.46	2.21686	42.91	42.91	1.5	ANNUAL	SRCGP6	5	
595613.2	4129994.46	2.25583	42.84	42.84	1.5	ANNUAL	SRCGP6	5	
595633.2	4129994.46	2.24011	42.84	42.84	1.5	ANNUAL	SRCGP6	5	
595673.2	4129994.46	2.17895	42.47	42.47	1.5	ANNUAL	SRCGP6	5	
595693.2	4129994.46	2.13047	42.65	42.65	1.5	ANNUAL	SRCGP6	5	
595713.2	4129994.46	2.078	42.5	42.5	1.5	ANNUAL	SRCGP6	5	
595733.2	4129994.46	2.01956	42.33	42.33	1.5	ANNUAL	SRCGP6	5	
595773.2	4129994.46	1.88779	42.21	42.21	1.5	ANNUAL	SRCGP6	5	
595793.2	4129994.46	1.81739	42.2	42.2	1.5	ANNUAL	SRCGP6	5	
595473.2	4130014.46	2.21607	42.98	42.98	1.5	ANNUAL	SRCGP6	5	
595513.2	4130014.46	2.3929	42.75	42.75	1.5	ANNUAL	SRCGP6	5	
595533.2	4130014.46	2.44465	42.88	42.88	1.5	ANNUAL	SRCGP6	5	
595553.2	4130014.46	2.47766	42.87	42.87	1.5	ANNUAL	SRCGP6	5	
595593.2	4130014.46	2.49134	42.52	42.52	1.5	ANNUAL	SRCGP6	5	
595613.2	4130014.46	2.46765	42.71	42.71	1.5	ANNUAL	SRCGP6	5	
595633.2	4130014.46	2.43281	42.7	42.7	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4130014.46	2.33204	42.38	42.38	1.5	ANNUAL	SRCGP6	5	
595693.2	4130014.46	2.26476	42.53	42.53	1.5	ANNUAL	SRCGP6	5	
595713.2	4130014.46	2.19374	42.41	42.41	1.5	ANNUAL	SRCGP6	5	
595733.2	4130014.46	2.1178	42.26	42.26	1.5	ANNUAL	SRCGP6	5	
595773.2	4130014.46	1.95469	42.18	42.18	1.5	ANNUAL	SRCGP6	5	
595793.2	4130014.46	1.87121	42.11	42.11	1.5	ANNUAL	SRCGP6	5	
595473.2	4130034.46	2.55292	42.9	42.9	1.5	ANNUAL	SRCGP6	5	
595513.2	4130034.46	2.71226	42.74	42.74	1.5	ANNUAL	SRCGP6	5	
595533.2	4130034.46	2.75044	42.76	42.76	1.5	ANNUAL	SRCGP6	5	
595553.2	4130034.46	2.76462	42.76	42.76	1.5	ANNUAL	SRCGP6	5	
595593.2	4130034.46	2.73404	42.44	42.44	1.5	ANNUAL	SRCGP6	5	
595613.2	4130034.46	2.6856	42.69	42.69	1.5	ANNUAL	SRCGP6	5	
595633.2	4130034.46	2.62768	42.61	42.61	1.5	ANNUAL	SRCGP6	5	
595673.2	4130034.46	2.48077	42.24	42.24	1.5	ANNUAL	SRCGP6	5	
595693.2	4130034.46	2.39101	42.43	42.43	1.5	ANNUAL	SRCGP6	5	
595713.2	4130034.46	2.29928	42.32	42.32	1.5	ANNUAL	SRCGP6	5	
595733.2	4130034.46	2.20393	42.22	42.22	1.5	ANNUAL	SRCGP6	5	
595773.2	4130034.46	2.00814	42.14	42.14	1.5	ANNUAL	SRCGP6	5	
595793.2	4130034.46	1.91115	42.03	42.03	1.5	ANNUAL	SRCGP6	5	
595473.2	4130054.46	2.94423	42.8	42.8	1.5	ANNUAL	SRCGP6	5	
595513.2	4130054.46	3.07261	42.61	42.61	1.5	ANNUAL	SRCGP6	5	
595533.2	4130054.46	3.08849	42.57	42.57	1.5	ANNUAL	SRCGP6	5	
595553.2	4130054.46	3.07493	42.62	42.62	1.5	ANNUAL	SRCGP6	5	
595593.2	4130054.46	2.98544	42.34	42.34	1.5	ANNUAL	SRCGP6	5	
595613.2	4130054.46	2.90662	42.59	42.59	1.5	ANNUAL	SRCGP6	5	
595633.2	4130054.46	2.81981	42.49	42.49	1.5	ANNUAL	SRCGP6	5	
595673.2	4130054.46	2.61769	42.16	42.16	1.5	ANNUAL	SRCGP6	5	
595693.2	4130054.46	2.50402	42.29	42.29	1.5	ANNUAL	SRCGP6	5	
595713.2	4130054.46	2.38957	42.22	42.22	1.5	ANNUAL	SRCGP6	5	
595733.2	4130054.46	2.27447	42.09	42.09	1.5	ANNUAL	SRCGP6	5	
595773.2	4130054.46	2.04425	42.19	42.19	1.5	ANNUAL	SRCGP6	5	
595793.2	4130054.46	1.93513	41.9	41.9	1.5	ANNUAL	SRCGP6	5	
595473.2	4130074.46	3.39495	42.7	42.7	1.5	ANNUAL	SRCGP6	5	
595513.2	4130074.46	3.4724	42.43	42.43	1.5	ANNUAL	SRCGP6	5	
595533.2	4130074.46	3.45105	42.53	42.53	1.5	ANNUAL	SRCGP6	5	
595553.2	4130074.46	3.4027	42.49	42.49	1.5	ANNUAL	SRCGP6	5	
595593.2	4130074.46	3.23818	42.2	42.2	1.5	ANNUAL	SRCGP6	5	
595613.2	4130074.46	3.1244	42.35	42.35	1.5	ANNUAL	SRCGP6	5	
595633.2	4130074.46	3.00077	42.38	42.38	1.5	ANNUAL	SRCGP6	5	
595673.2	4130074.46	2.73748	42.03	42.03	1.5	ANNUAL	SRCGP6	5	
595693.2	4130074.46	2.59716	42.2	42.2	1.5	ANNUAL	SRCGP6	5	
595713.2	4130074.46	2.45902	42.18	42.18	1.5	ANNUAL	SRCGP6	5	
595733.2	4130074.46	2.32406	42.01	42.01	1.5	ANNUAL	SRCGP6	5	
595773.2	4130074.46	2.06284	41.96	41.96	1.5	ANNUAL	SRCGP6	5	
595793.2	4130074.46	1.94051	41.81	41.81	1.5	ANNUAL	SRCGP6	5	
595473.2	4130094.46	3.90863	42.58	42.58	1.5	ANNUAL	SRCGP6	5	
595513.2	4130094.46	3.90297	42.37	42.37	1.5	ANNUAL	SRCGP6	5	
595533.2	4130094.46	3.83591	42.4	42.4	1.5	ANNUAL	SRCGP6	5	
595553.2	4130094.46	3.73904	42.37	42.37	1.5	ANNUAL	SRCGP6	5	
595593.2	4130094.46	3.4795	42.17	42.17	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4130094.46	3.32293	42.32	42.32	1.5	ANNUAL	SRCGP6	5	
595633.2	4130094.46	3.16066	42.33	42.33	1.5	ANNUAL	SRCGP6	5	
595673.2	4130094.46	2.83129	41.97	41.97	1.5	ANNUAL	SRCGP6	5	
595693.2	4130094.46	2.66447	42.11	42.11	1.5	ANNUAL	SRCGP6	5	
595713.2	4130094.46	2.50334	42.1	42.1	1.5	ANNUAL	SRCGP6	5	
595733.2	4130094.46	2.34949	41.88	41.88	1.5	ANNUAL	SRCGP6	5	
595773.2	4130094.46	2.05932	41.82	41.82	1.5	ANNUAL	SRCGP6	5	
595793.2	4130094.46	1.9265	41.67	41.67	1.5	ANNUAL	SRCGP6	5	
595473.2	4130114.46	4.47996	42.56	42.56	1.5	ANNUAL	SRCGP6	5	
595513.2	4130114.46	4.35719	42.3	42.3	1.5	ANNUAL	SRCGP6	5	
595533.2	4130114.46	4.22922	42.26	42.26	1.5	ANNUAL	SRCGP6	5	
595553.2	4130114.46	4.07148	42.21	42.21	1.5	ANNUAL	SRCGP6	5	
595593.2	4130114.46	3.70019	42.02	42.02	1.5	ANNUAL	SRCGP6	5	
595613.2	4130114.46	3.49398	42.27	42.27	1.5	ANNUAL	SRCGP6	5	
595633.2	4130114.46	3.2915	42.14	42.14	1.5	ANNUAL	SRCGP6	5	
595673.2	4130114.46	2.89339	41.87	41.87	1.5	ANNUAL	SRCGP6	5	
595693.2	4130114.46	2.70099	41.98	41.98	1.5	ANNUAL	SRCGP6	5	
595713.2	4130114.46	2.51889	41.93	41.93	1.5	ANNUAL	SRCGP6	5	
595733.2	4130114.46	2.34739	41.76	41.76	1.5	ANNUAL	SRCGP6	5	
595773.2	4130114.46	2.03307	41.7	41.7	1.5	ANNUAL	SRCGP6	5	
595793.2	4130114.46	1.89246	41.51	41.51	1.5	ANNUAL	SRCGP6	5	
595473.2	4130134.46	5.10739	42.41	42.41	1.5	ANNUAL	SRCGP6	5	
595513.2	4130134.46	4.81771	42.23	42.23	1.5	ANNUAL	SRCGP6	5	
595533.2	4130134.46	4.61073	42.17	42.17	1.5	ANNUAL	SRCGP6	5	
595553.2	4130134.46	4.37804	42.16	42.16	1.5	ANNUAL	SRCGP6	5	
595593.2	4130134.46	3.88056	42	42	1.5	ANNUAL	SRCGP6	5	
595613.2	4130134.46	3.62516	42.16	42.16	1.5	ANNUAL	SRCGP6	5	
595633.2	4130134.46	3.37856	42.11	42.11	1.5	ANNUAL	SRCGP6	5	
595673.2	4130134.46	2.91693	41.76	41.76	1.5	ANNUAL	SRCGP6	5	
595693.2	4130134.46	2.70076	41.95	41.95	1.5	ANNUAL	SRCGP6	5	
595713.2	4130134.46	2.50114	41.85	41.85	1.5	ANNUAL	SRCGP6	5	
595733.2	4130134.46	2.31586	41.68	41.68	1.5	ANNUAL	SRCGP6	5	
595773.2	4130134.46	1.98397	41.62	41.62	1.5	ANNUAL	SRCGP6	5	
595793.2	4130134.46	1.8384	41.43	41.43	1.5	ANNUAL	SRCGP6	5	
594298.04	4130501.51	0.11713	42.76	42.76	1.5	ANNUAL	SRCGP6	5	
594318.04	4130501.51	0.123	42.79	42.79	1.5	ANNUAL	SRCGP6	5	
594338.04	4130501.51	0.12938	42.79	42.79	1.5	ANNUAL	SRCGP6	5	
594358.04	4130501.51	0.13641	42.61	42.61	1.5	ANNUAL	SRCGP6	5	
594378.04	4130501.51	0.14407	42.45	42.45	1.5	ANNUAL	SRCGP6	5	
594398.04	4130501.51	0.15234	42.44	42.44	1.5	ANNUAL	SRCGP6	5	
594418.04	4130501.51	0.1613	42.6	42.6	1.5	ANNUAL	SRCGP6	5	
594438.04	4130501.51	0.1715	42.24	42.24	1.5	ANNUAL	SRCGP6	5	
594458.04	4130501.51	0.18239	42.35	42.35	1.5	ANNUAL	SRCGP6	5	
594498.04	4130501.51	0.20789	42.37	42.37	1.5	ANNUAL	SRCGP6	5	
594518.04	4130501.51	0.22255	42.63	42.63	1.5	ANNUAL	SRCGP6	5	
594538.04	4130501.51	0.23929	42.53	42.53	1.5	ANNUAL	SRCGP6	5	
594298.04	4130521.51	0.12362	42.61	42.61	1.5	ANNUAL	SRCGP6	5	
594318.04	4130521.51	0.13009	42.51	42.51	1.5	ANNUAL	SRCGP6	5	
594338.04	4130521.51	0.13722	42.22	42.22	1.5	ANNUAL	SRCGP6	5	
594358.04	4130521.51	0.14472	42.44	42.44	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594378.04	4130521.51	0.15321	42.11	42.11	1.5	ANNUAL	SRCGP6	5	
594398.04	4130521.51	0.16236	42.04	42.04	1.5	ANNUAL	SRCGP6	5	
594418.04	4130521.51	0.17236	42.03	42.03	1.5	ANNUAL	SRCGP6	5	
594438.04	4130521.51	0.18338	41.99	41.99	1.5	ANNUAL	SRCGP6	5	
594458.04	4130521.51	0.1954	42.1	42.1	1.5	ANNUAL	SRCGP6	5	
594498.04	4130521.51	0.22373	42.08	42.08	1.5	ANNUAL	SRCGP6	5	
594518.04	4130521.51	0.24042	41.98	41.98	1.5	ANNUAL	SRCGP6	5	
594538.04	4130521.51	0.25869	42.22	42.22	1.5	ANNUAL	SRCGP6	5	
594298.04	4130541.51	0.13064	42.39	42.39	1.5	ANNUAL	SRCGP6	5	
594318.04	4130541.51	0.13767	42.35	42.35	1.5	ANNUAL	SRCGP6	5	
594358.04	4130541.51	0.15383	41.94	41.94	1.5	ANNUAL	SRCGP6	5	
594418.04	4130541.51	0.18396	41.79	41.79	1.5	ANNUAL	SRCGP6	5	
594438.04	4130541.51	0.19604	41.78	41.78	1.5	ANNUAL	SRCGP6	5	
594458.04	4130541.51	0.20921	41.99	41.99	1.5	ANNUAL	SRCGP6	5	
594498.04	4130541.51	0.24037	42	42	1.5	ANNUAL	SRCGP6	5	
594518.04	4130541.51	0.25891	41.79	41.79	1.5	ANNUAL	SRCGP6	5	
594538.04	4130541.51	0.2791	42.03	42.03	1.5	ANNUAL	SRCGP6	5	
594298.04	4130561.51	0.13816	42.12	42.12	1.5	ANNUAL	SRCGP6	5	
594318.04	4130561.51	0.14594	41.8	41.8	1.5	ANNUAL	SRCGP6	5	
594798.04	4130621.51	1.16535	40.79	40.79	1.5	ANNUAL	SRCGP6	5	
594818.04	4130621.51	1.2762	40.8	40.8	1.5	ANNUAL	SRCGP6	5	
594838.04	4130621.51	1.39403	40.83	40.83	1.5	ANNUAL	SRCGP6	5	
594858.04	4130621.51	1.51744	41.04	41.04	1.5	ANNUAL	SRCGP6	5	
594878.04	4130621.51	1.64455	41.03	41.03	1.5	ANNUAL	SRCGP6	5	
594898.04	4130621.51	1.77272	40.95	40.95	1.5	ANNUAL	SRCGP6	5	
594918.04	4130621.51	1.89807	40.75	40.75	1.5	ANNUAL	SRCGP6	5	
594938.04	4130621.51	2.01805	40.91	40.91	1.5	ANNUAL	SRCGP6	5	
594958.04	4130621.51	2.1269	41.06	41.06	1.5	ANNUAL	SRCGP6	5	
594978.04	4130621.51	2.22126	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
594998.04	4130621.51	2.29749	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
595018.04	4130621.51	2.35299	40.76	40.76	1.5	ANNUAL	SRCGP6	5	
595038.04	4130621.51	2.38834	40.9	40.9	1.5	ANNUAL	SRCGP6	5	
595058.04	4130621.51	2.40126	40.93	40.93	1.5	ANNUAL	SRCGP6	5	
595078.04	4130621.51	2.39171	40.84	40.84	1.5	ANNUAL	SRCGP6	5	
595118.04	4130621.51	2.29707	40.61	40.61	1.5	ANNUAL	SRCGP6	5	
595138.04	4130621.51	2.20915	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
595158.04	4130621.51	2.0882	40.48	40.48	1.5	ANNUAL	SRCGP6	5	
595198.04	4130621.51	1.74962	40.38	40.38	1.5	ANNUAL	SRCGP6	5	
595218.04	4130621.51	1.55381	40.2	40.2	1.5	ANNUAL	SRCGP6	5	
595238.04	4130621.51	1.37005	40.28	40.28	1.5	ANNUAL	SRCGP6	5	
595578.04	4130621.51	0.4012	39.46	39.46	1.5	ANNUAL	SRCGP6	5	
595598.04	4130621.51	0.38323	39.52	39.52	1.5	ANNUAL	SRCGP6	5	
595618.04	4130621.51	0.3661	39.49	39.49	1.5	ANNUAL	SRCGP6	5	
595638.04	4130621.51	0.34988	39.43	39.43	1.5	ANNUAL	SRCGP6	5	
595658.04	4130621.51	0.33475	39.48	39.48	1.5	ANNUAL	SRCGP6	5	
595678.04	4130621.51	0.3204	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
595778.04	4130621.51	0.26048	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
594758.04	4130641.51	0.97125	40.38	40.38	1.5	ANNUAL	SRCGP6	5	
594778.04	4130641.51	1.05821	40.61	40.61	1.5	ANNUAL	SRCGP6	5	
594798.04	4130641.51	1.14937	40.58	40.58	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594818.04	4130641.51	1.24527	40.58	40.58	1.5	ANNUAL	SRCGP6	5	
594838.04	4130641.51	1.34453	40.56	40.56	1.5	ANNUAL	SRCGP6	5	
594858.04	4130641.51	1.44678	40.68	40.68	1.5	ANNUAL	SRCGP6	5	
594878.04	4130641.51	1.54798	40.67	40.67	1.5	ANNUAL	SRCGP6	5	
594898.04	4130641.51	1.6469	40.69	40.69	1.5	ANNUAL	SRCGP6	5	
594918.04	4130641.51	1.73832	40.52	40.52	1.5	ANNUAL	SRCGP6	5	
594938.04	4130641.51	1.82634	40.8	40.8	1.5	ANNUAL	SRCGP6	5	
594958.04	4130641.51	1.90003	40.82	40.82	1.5	ANNUAL	SRCGP6	5	
594978.04	4130641.51	1.95971	40.77	40.77	1.5	ANNUAL	SRCGP6	5	
594998.04	4130641.51	2.00314	40.68	40.68	1.5	ANNUAL	SRCGP6	5	
595018.04	4130641.51	2.03048	40.57	40.57	1.5	ANNUAL	SRCGP6	5	
595038.04	4130641.51	2.04756	40.79	40.79	1.5	ANNUAL	SRCGP6	5	
595058.04	4130641.51	2.04594	40.77	40.77	1.5	ANNUAL	SRCGP6	5	
595078.04	4130641.51	2.02752	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
595118.04	4130641.51	1.94196	40.47	40.47	1.5	ANNUAL	SRCGP6	5	
595138.04	4130641.51	1.86823	40.42	40.42	1.5	ANNUAL	SRCGP6	5	
595158.04	4130641.51	1.76868	40.41	40.41	1.5	ANNUAL	SRCGP6	5	
595198.04	4130641.51	1.4936	40.25	40.25	1.5	ANNUAL	SRCGP6	5	
595218.04	4130641.51	1.33688	40.07	40.07	1.5	ANNUAL	SRCGP6	5	
595238.04	4130641.51	1.18686	39.92	39.92	1.5	ANNUAL	SRCGP6	5	
595278.04	4130641.51	0.94294	39.83	39.83	1.5	ANNUAL	SRCGP6	5	
595298.04	4130641.51	0.85276	40.01	40.01	1.5	ANNUAL	SRCGP6	5	
595318.04	4130641.51	0.77787	40.05	40.05	1.5	ANNUAL	SRCGP6	5	
595338.04	4130641.51	0.71437	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
595378.04	4130641.51	0.61585	39.67	39.67	1.5	ANNUAL	SRCGP6	5	
595398.04	4130641.51	0.57688	39.65	39.65	1.5	ANNUAL	SRCGP6	5	
595418.04	4130641.51	0.54267	39.52	39.52	1.5	ANNUAL	SRCGP6	5	
595438.04	4130641.51	0.51294	39.45	39.45	1.5	ANNUAL	SRCGP6	5	
595478.04	4130641.51	0.46392	39.63	39.63	1.5	ANNUAL	SRCGP6	5	
595498.04	4130641.51	0.44216	39.45	39.45	1.5	ANNUAL	SRCGP6	5	
595518.04	4130641.51	0.4225	39.44	39.44	1.5	ANNUAL	SRCGP6	5	
595538.04	4130641.51	0.40443	39.56	39.56	1.5	ANNUAL	SRCGP6	5	
595578.04	4130641.51	0.37013	39.18	39.18	1.5	ANNUAL	SRCGP6	5	
595598.04	4130641.51	0.35466	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595618.04	4130641.51	0.33993	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
595638.04	4130641.51	0.326	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595658.04	4130641.51	0.31274	39.18	39.18	1.5	ANNUAL	SRCGP6	5	
595678.04	4130641.51	0.30016	39.21	39.21	1.5	ANNUAL	SRCGP6	5	
595718.04	4130641.51	0.27683	39.19	39.19	1.5	ANNUAL	SRCGP6	5	
595738.04	4130641.51	0.26614	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
595758.04	4130641.51	0.25576	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
595778.04	4130641.51	0.2461	38.99	38.99	1.5	ANNUAL	SRCGP6	5	
594538.04	4130661.51	0.40349	40.75	40.75	1.5	ANNUAL	SRCGP6	5	
594558.04	4130661.51	0.43529	40.57	40.57	1.5	ANNUAL	SRCGP6	5	
594578.04	4130661.51	0.4706	40.72	40.72	1.5	ANNUAL	SRCGP6	5	
594598.04	4130661.51	0.50899	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
594618.04	4130661.51	0.55099	40.51	40.51	1.5	ANNUAL	SRCGP6	5	
594718.04	4130661.51	0.82414	40.36	40.36	1.5	ANNUAL	SRCGP6	5	
594738.04	4130661.51	0.89089	40.07	40.07	1.5	ANNUAL	SRCGP6	5	
594758.04	4130661.51	0.96286	40.08	40.08	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594778.04	4130661.51	1.03916	40.2	40.2	1.5	ANNUAL	SRCGP6	5	
594798.04	4130661.51	1.11809	40.23	40.23	1.5	ANNUAL	SRCGP6	5	
594818.04	4130661.51	1.19945	40.31	40.31	1.5	ANNUAL	SRCGP6	5	
594838.04	4130661.51	1.28075	40.25	40.25	1.5	ANNUAL	SRCGP6	5	
594858.04	4130661.51	1.36308	40.41	40.41	1.5	ANNUAL	SRCGP6	5	
594878.04	4130661.51	1.44207	40.45	40.45	1.5	ANNUAL	SRCGP6	5	
594898.04	4130661.51	1.51663	40.5	40.5	1.5	ANNUAL	SRCGP6	5	
594918.04	4130661.51	1.58191	40.3	40.3	1.5	ANNUAL	SRCGP6	5	
594938.04	4130661.51	1.64339	40.58	40.58	1.5	ANNUAL	SRCGP6	5	
594958.04	4130661.51	1.69288	40.72	40.72	1.5	ANNUAL	SRCGP6	5	
594978.04	4130661.51	1.72645	40.49	40.49	1.5	ANNUAL	SRCGP6	5	
594998.04	4130661.51	1.7517	40.57	40.57	1.5	ANNUAL	SRCGP6	5	
595018.04	4130661.51	1.76261	40.43	40.43	1.5	ANNUAL	SRCGP6	5	
595038.04	4130661.51	1.76853	40.73	40.73	1.5	ANNUAL	SRCGP6	5	
595058.04	4130661.51	1.75865	40.58	40.58	1.5	ANNUAL	SRCGP6	5	
595078.04	4130661.51	1.7387	40.44	40.44	1.5	ANNUAL	SRCGP6	5	
595118.04	4130661.51	1.66372	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
595138.04	4130661.51	1.60153	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
595158.04	4130661.51	1.51788	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
595198.04	4130661.51	1.29059	40.08	40.08	1.5	ANNUAL	SRCGP6	5	
595218.04	4130661.51	1.16361	39.97	39.97	1.5	ANNUAL	SRCGP6	5	
595238.04	4130661.51	1.04155	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
595278.04	4130661.51	0.83837	39.73	39.73	1.5	ANNUAL	SRCGP6	5	
595298.04	4130661.51	0.76198	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
595318.04	4130661.51	0.69753	39.83	39.83	1.5	ANNUAL	SRCGP6	5	
595338.04	4130661.51	0.64331	39.72	39.72	1.5	ANNUAL	SRCGP6	5	
595378.04	4130661.51	0.55753	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
595398.04	4130661.51	0.523	39.53	39.53	1.5	ANNUAL	SRCGP6	5	
595418.04	4130661.51	0.49255	39.37	39.37	1.5	ANNUAL	SRCGP6	5	
595438.04	4130661.51	0.46624	39.33	39.33	1.5	ANNUAL	SRCGP6	5	
595478.04	4130661.51	0.42288	39.44	39.44	1.5	ANNUAL	SRCGP6	5	
595498.04	4130661.51	0.40428	39.42	39.42	1.5	ANNUAL	SRCGP6	5	
595518.04	4130661.51	0.38718	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
595538.04	4130661.51	0.37154	39.41	39.41	1.5	ANNUAL	SRCGP6	5	
595578.04	4130661.51	0.34223	39.06	39.06	1.5	ANNUAL	SRCGP6	5	
595598.04	4130661.51	0.32889	39	39	1.5	ANNUAL	SRCGP6	5	
595618.04	4130661.51	0.31631	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
595638.04	4130661.51	0.30422	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
595658.04	4130661.51	0.29261	39	39	1.5	ANNUAL	SRCGP6	5	
595678.04	4130661.51	0.28156	39	39	1.5	ANNUAL	SRCGP6	5	
595698.04	4130661.51	0.27108	39.07	39.07	1.5	ANNUAL	SRCGP6	5	
595718.04	4130661.51	0.26086	38.94	38.94	1.5	ANNUAL	SRCGP6	5	
595738.04	4130661.51	0.25142	39.1	39.1	1.5	ANNUAL	SRCGP6	5	
595758.04	4130661.51	0.24218	39	39	1.5	ANNUAL	SRCGP6	5	
595778.04	4130661.51	0.23349	39.01	39.01	1.5	ANNUAL	SRCGP6	5	
595798.04	4130661.51	0.22502	38.79	38.79	1.5	ANNUAL	SRCGP6	5	
594418.04	4130681.51	0.27624	40.87	40.87	1.5	ANNUAL	SRCGP6	5	
594438.04	4130681.51	0.29526	40.87	40.87	1.5	ANNUAL	SRCGP6	5	
594458.04	4130681.51	0.31601	40.79	40.79	1.5	ANNUAL	SRCGP6	5	
594478.04	4130681.51	0.3386	40.7	40.7	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130681.51	0.36339	40.83	40.83	1.5	ANNUAL	SRCGP6	5	
594518.04	4130681.51	0.39022	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
594538.04	4130681.51	0.41954	40.52	40.52	1.5	ANNUAL	SRCGP6	5	
594558.04	4130681.51	0.4515	40.43	40.43	1.5	ANNUAL	SRCGP6	5	
594578.04	4130681.51	0.48651	40.5	40.5	1.5	ANNUAL	SRCGP6	5	
594598.04	4130681.51	0.52451	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
594618.04	4130681.51	0.56566	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
594718.04	4130681.51	0.82121	40.22	40.22	1.5	ANNUAL	SRCGP6	5	
594738.04	4130681.51	0.88049	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
594758.04	4130681.51	0.94388	39.86	39.86	1.5	ANNUAL	SRCGP6	5	
594778.04	4130681.51	1.00963	39.95	39.95	1.5	ANNUAL	SRCGP6	5	
594798.04	4130681.51	1.07695	40.09	40.09	1.5	ANNUAL	SRCGP6	5	
594818.04	4130681.51	1.14414	40.15	40.15	1.5	ANNUAL	SRCGP6	5	
594838.04	4130681.51	1.20883	39.99	39.99	1.5	ANNUAL	SRCGP6	5	
594858.04	4130681.51	1.27332	40.12	40.12	1.5	ANNUAL	SRCGP6	5	
594878.04	4130681.51	1.33395	40.23	40.23	1.5	ANNUAL	SRCGP6	5	
594898.04	4130681.51	1.38904	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
594918.04	4130681.51	1.434	40.08	40.08	1.5	ANNUAL	SRCGP6	5	
594938.04	4130681.51	1.47554	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
594958.04	4130681.51	1.50576	40.38	40.38	1.5	ANNUAL	SRCGP6	5	
594978.04	4130681.51	1.52625	40.39	40.39	1.5	ANNUAL	SRCGP6	5	
594998.04	4130681.51	1.53776	40.4	40.4	1.5	ANNUAL	SRCGP6	5	
595018.04	4130681.51	1.54017	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
595038.04	4130681.51	1.53951	40.62	40.62	1.5	ANNUAL	SRCGP6	5	
595058.04	4130681.51	1.52739	40.47	40.47	1.5	ANNUAL	SRCGP6	5	
595078.04	4130681.51	1.5099	40.48	40.48	1.5	ANNUAL	SRCGP6	5	
595118.04	4130681.51	1.44364	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
595138.04	4130681.51	1.38767	40.12	40.12	1.5	ANNUAL	SRCGP6	5	
595158.04	4130681.51	1.31738	40.21	40.21	1.5	ANNUAL	SRCGP6	5	
595198.04	4130681.51	1.12798	40.01	40.01	1.5	ANNUAL	SRCGP6	5	
595218.04	4130681.51	1.02364	39.99	39.99	1.5	ANNUAL	SRCGP6	5	
595238.04	4130681.51	0.92216	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
595278.04	4130681.51	0.75076	39.63	39.63	1.5	ANNUAL	SRCGP6	5	
595298.04	4130681.51	0.68542	39.76	39.76	1.5	ANNUAL	SRCGP6	5	
595318.04	4130681.51	0.63055	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
595338.04	4130681.51	0.583	39.6	39.6	1.5	ANNUAL	SRCGP6	5	
595378.04	4130681.51	0.50769	39.42	39.42	1.5	ANNUAL	SRCGP6	5	
595398.04	4130681.51	0.47737	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
595418.04	4130681.51	0.44966	39.14	39.14	1.5	ANNUAL	SRCGP6	5	
595438.04	4130681.51	0.42595	39.06	39.06	1.5	ANNUAL	SRCGP6	5	
595478.04	4130681.51	0.38746	39.32	39.32	1.5	ANNUAL	SRCGP6	5	
595498.04	4130681.51	0.37097	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
595518.04	4130681.51	0.35604	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
595538.04	4130681.51	0.34234	39.33	39.33	1.5	ANNUAL	SRCGP6	5	
595578.04	4130681.51	0.31734	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
595598.04	4130681.51	0.30596	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
595618.04	4130681.51	0.29506	39.27	39.27	1.5	ANNUAL	SRCGP6	5	
595638.04	4130681.51	0.2845	39.21	39.21	1.5	ANNUAL	SRCGP6	5	
595658.04	4130681.51	0.27439	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595678.04	4130681.51	0.26467	39.14	39.14	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130681.51	0.25514	38.92	38.92	1.5	ANNUAL	SRCGP6	5	
595718.04	4130681.51	0.2461	38.79	38.79	1.5	ANNUAL	SRCGP6	5	
595738.04	4130681.51	0.23774	38.98	38.98	1.5	ANNUAL	SRCGP6	5	
595758.04	4130681.51	0.22962	39.06	39.06	1.5	ANNUAL	SRCGP6	5	
595778.04	4130681.51	0.22176	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595798.04	4130681.51	0.21384	38.55	38.55	1.5	ANNUAL	SRCGP6	5	
594318.04	4130701.51	0.21184	40.53	40.53	1.5	ANNUAL	SRCGP6	5	
594338.04	4130701.51	0.22483	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
594358.04	4130701.51	0.23882	40.54	40.54	1.5	ANNUAL	SRCGP6	5	
594378.04	4130701.51	0.2541	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
594398.04	4130701.51	0.27064	40.66	40.66	1.5	ANNUAL	SRCGP6	5	
594418.04	4130701.51	0.28857	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
594438.04	4130701.51	0.30806	40.63	40.63	1.5	ANNUAL	SRCGP6	5	
594458.04	4130701.51	0.32917	40.56	40.56	1.5	ANNUAL	SRCGP6	5	
594478.04	4130701.51	0.3521	40.52	40.52	1.5	ANNUAL	SRCGP6	5	
594498.04	4130701.51	0.37714	40.64	40.64	1.5	ANNUAL	SRCGP6	5	
594518.04	4130701.51	0.404	40.46	40.46	1.5	ANNUAL	SRCGP6	5	
594538.04	4130701.51	0.43324	40.44	40.44	1.5	ANNUAL	SRCGP6	5	
594558.04	4130701.51	0.46468	40.3	40.3	1.5	ANNUAL	SRCGP6	5	
594578.04	4130701.51	0.49878	40.29	40.29	1.5	ANNUAL	SRCGP6	5	
594598.04	4130701.51	0.53558	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
594618.04	4130701.51	0.57462	40.16	40.16	1.5	ANNUAL	SRCGP6	5	
595278.04	4130701.51	0.67649	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
595298.04	4130701.51	0.61999	39.58	39.58	1.5	ANNUAL	SRCGP6	5	
595318.04	4130701.51	0.57274	39.73	39.73	1.5	ANNUAL	SRCGP6	5	
595338.04	4130701.51	0.53144	39.54	39.54	1.5	ANNUAL	SRCGP6	5	
595378.04	4130701.51	0.46513	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
595398.04	4130701.51	0.43778	39.26	39.26	1.5	ANNUAL	SRCGP6	5	
595418.04	4130701.51	0.41312	39.02	39.02	1.5	ANNUAL	SRCGP6	5	
595438.04	4130701.51	0.39153	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
595478.04	4130701.51	0.35659	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
595498.04	4130701.51	0.3418	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595518.04	4130701.51	0.32856	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
595538.04	4130701.51	0.31627	39.18	39.18	1.5	ANNUAL	SRCGP6	5	
595578.04	4130701.51	0.29449	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595598.04	4130701.51	0.28457	39.18	39.18	1.5	ANNUAL	SRCGP6	5	
595618.04	4130701.51	0.27517	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
595638.04	4130701.51	0.2659	39.09	39.09	1.5	ANNUAL	SRCGP6	5	
595658.04	4130701.51	0.2569	38.86	38.86	1.5	ANNUAL	SRCGP6	5	
595678.04	4130701.51	0.24857	38.95	38.95	1.5	ANNUAL	SRCGP6	5	
595698.04	4130701.51	0.24035	38.87	38.87	1.5	ANNUAL	SRCGP6	5	
595718.04	4130701.51	0.23275	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
595738.04	4130701.51	0.22516	39.16	39.16	1.5	ANNUAL	SRCGP6	5	
595758.04	4130701.51	0.21776	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595778.04	4130701.51	0.21082	39.18	39.18	1.5	ANNUAL	SRCGP6	5	
595798.04	4130701.51	0.20379	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
594318.04	4130721.51	0.22127	40.39	40.39	1.5	ANNUAL	SRCGP6	5	
594338.04	4130721.51	0.23472	40.5	40.5	1.5	ANNUAL	SRCGP6	5	
594358.04	4130721.51	0.24915	40.44	40.44	1.5	ANNUAL	SRCGP6	5	
594378.04	4130721.51	0.26475	40.39	40.39	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398.04	4130721.51	0.28169	40.45	40.45	1.5	ANNUAL	SRCGP6	5	
594418.04	4130721.51	0.3	40.52	40.52	1.5	ANNUAL	SRCGP6	5	
594438.04	4130721.51	0.31971	40.47	40.47	1.5	ANNUAL	SRCGP6	5	
594458.04	4130721.51	0.34096	40.39	40.39	1.5	ANNUAL	SRCGP6	5	
594478.04	4130721.51	0.36391	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
594498.04	4130721.51	0.3888	40.43	40.43	1.5	ANNUAL	SRCGP6	5	
594518.04	4130721.51	0.41544	40.38	40.38	1.5	ANNUAL	SRCGP6	5	
594538.04	4130721.51	0.44398	40.27	40.27	1.5	ANNUAL	SRCGP6	5	
594558.04	4130721.51	0.47448	40.13	40.13	1.5	ANNUAL	SRCGP6	5	
594578.04	4130721.51	0.50732	40.15	40.15	1.5	ANNUAL	SRCGP6	5	
594598.04	4130721.51	0.54216	40.1	40.1	1.5	ANNUAL	SRCGP6	5	
594618.04	4130721.51	0.57907	40.04	40.04	1.5	ANNUAL	SRCGP6	5	
594678.04	4130721.51	0.70202	40.05	40.05	1.5	ANNUAL	SRCGP6	5	
594698.04	4130721.51	0.7462	40.01	40.01	1.5	ANNUAL	SRCGP6	5	
594718.04	4130721.51	0.79106	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
594758.04	4130721.51	0.88238	39.57	39.57	1.5	ANNUAL	SRCGP6	5	
594778.04	4130721.51	0.92883	39.66	39.66	1.5	ANNUAL	SRCGP6	5	
594798.04	4130721.51	0.97347	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
594818.04	4130721.51	1.01661	39.62	39.62	1.5	ANNUAL	SRCGP6	5	
594838.04	4130721.51	1.05672	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
594858.04	4130721.51	1.09427	39.71	39.71	1.5	ANNUAL	SRCGP6	5	
594878.04	4130721.51	1.12633	39.69	39.69	1.5	ANNUAL	SRCGP6	5	
594898.04	4130721.51	1.15337	39.71	39.71	1.5	ANNUAL	SRCGP6	5	
594938.04	4130721.51	1.18993	39.8	39.8	1.5	ANNUAL	SRCGP6	5	
594958.04	4130721.51	1.20093	40.05	40.05	1.5	ANNUAL	SRCGP6	5	
594978.04	4130721.51	1.20521	40.13	40.13	1.5	ANNUAL	SRCGP6	5	
594998.04	4130721.51	1.20478	40.18	40.18	1.5	ANNUAL	SRCGP6	5	
595018.04	4130721.51	1.1995	40.07	40.07	1.5	ANNUAL	SRCGP6	5	
595038.04	4130721.51	1.19413	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
595058.04	4130721.51	1.1826	40.18	40.18	1.5	ANNUAL	SRCGP6	5	
595078.04	4130721.51	1.1671	40.08	40.08	1.5	ANNUAL	SRCGP6	5	
595118.04	4130721.51	1.11513	39.96	39.96	1.5	ANNUAL	SRCGP6	5	
595138.04	4130721.51	1.07407	39.98	39.98	1.5	ANNUAL	SRCGP6	5	
595158.04	4130721.51	1.02039	39.92	39.92	1.5	ANNUAL	SRCGP6	5	
595198.04	4130721.51	0.88393	39.74	39.74	1.5	ANNUAL	SRCGP6	5	
595218.04	4130721.51	0.80999	39.74	39.74	1.5	ANNUAL	SRCGP6	5	
595238.04	4130721.51	0.73798	39.7	39.7	1.5	ANNUAL	SRCGP6	5	
595278.04	4130721.51	0.61357	39.52	39.52	1.5	ANNUAL	SRCGP6	5	
595298.04	4130721.51	0.56475	39.66	39.66	1.5	ANNUAL	SRCGP6	5	
595318.04	4130721.51	0.52268	39.58	39.58	1.5	ANNUAL	SRCGP6	5	
595338.04	4130721.51	0.48675	39.48	39.48	1.5	ANNUAL	SRCGP6	5	
595378.04	4130721.51	0.42807	39.23	39.23	1.5	ANNUAL	SRCGP6	5	
595398.04	4130721.51	0.40363	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
595418.04	4130721.51	0.38151	38.92	38.92	1.5	ANNUAL	SRCGP6	5	
595438.04	4130721.51	0.36174	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
595478.04	4130721.51	0.32995	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595498.04	4130721.51	0.31632	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
595518.04	4130721.51	0.30415	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595538.04	4130721.51	0.29317	39.06	39.06	1.5	ANNUAL	SRCGP6	5	
595578.04	4130721.51	0.27377	39.04	39.04	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598.04	4130721.51	0.26514	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
595618.04	4130721.51	0.25675	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
595638.04	4130721.51	0.24881	39.03	39.03	1.5	ANNUAL	SRCGP6	5	
595658.04	4130721.51	0.24089	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595678.04	4130721.51	0.23398	39.21	39.21	1.5	ANNUAL	SRCGP6	5	
595698.04	4130721.51	0.22654	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
595718.04	4130721.51	0.21985	39.14	39.14	1.5	ANNUAL	SRCGP6	5	
595738.04	4130721.51	0.21311	39.11	39.11	1.5	ANNUAL	SRCGP6	5	
595758.04	4130721.51	0.20656	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595778.04	4130721.51	0.20033	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
595798.04	4130721.51	0.19397	38.73	38.73	1.5	ANNUAL	SRCGP6	5	
594318.04	4130741.51	0.23036	40.35	40.35	1.5	ANNUAL	SRCGP6	5	
594338.04	4130741.51	0.24407	40.33	40.33	1.5	ANNUAL	SRCGP6	5	
594358.04	4130741.51	0.25885	40.36	40.36	1.5	ANNUAL	SRCGP6	5	
594378.04	4130741.51	0.27472	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
594398.04	4130741.51	0.29183	40.33	40.33	1.5	ANNUAL	SRCGP6	5	
594418.04	4130741.51	0.31034	40.49	40.49	1.5	ANNUAL	SRCGP6	5	
594438.04	4130741.51	0.33003	40.38	40.38	1.5	ANNUAL	SRCGP6	5	
594458.04	4130741.51	0.35121	40.34	40.34	1.5	ANNUAL	SRCGP6	5	
594478.04	4130741.51	0.37379	40.18	40.18	1.5	ANNUAL	SRCGP6	5	
594498.04	4130741.51	0.39828	40.31	40.31	1.5	ANNUAL	SRCGP6	5	
594518.04	4130741.51	0.42423	40.28	40.28	1.5	ANNUAL	SRCGP6	5	
594538.04	4130741.51	0.45168	40.13	40.13	1.5	ANNUAL	SRCGP6	5	
594558.04	4130741.51	0.48085	40	40	1.5	ANNUAL	SRCGP6	5	
594578.04	4130741.51	0.51209	40.1	40.1	1.5	ANNUAL	SRCGP6	5	
594598.04	4130741.51	0.54467	40.02	40.02	1.5	ANNUAL	SRCGP6	5	
594618.04	4130741.51	0.57891	39.99	39.99	1.5	ANNUAL	SRCGP6	5	
594678.04	4130741.51	0.69019	40.1	40.1	1.5	ANNUAL	SRCGP6	5	
594698.04	4130741.51	0.72925	40.13	40.13	1.5	ANNUAL	SRCGP6	5	
594718.04	4130741.51	0.76756	39.83	39.83	1.5	ANNUAL	SRCGP6	5	
594758.04	4130741.51	0.84364	39.38	39.38	1.5	ANNUAL	SRCGP6	5	
594778.04	4130741.51	0.88192	39.5	39.5	1.5	ANNUAL	SRCGP6	5	
594798.04	4130741.51	0.91866	39.62	39.62	1.5	ANNUAL	SRCGP6	5	
594818.04	4130741.51	0.95093	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
594838.04	4130741.51	0.98183	39.39	39.39	1.5	ANNUAL	SRCGP6	5	
594858.04	4130741.51	1.00966	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
594878.04	4130741.51	1.03214	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
594898.04	4130741.51	1.05092	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
594938.04	4130741.51	1.07116	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
594958.04	4130741.51	1.07609	39.7	39.7	1.5	ANNUAL	SRCGP6	5	
594978.04	4130741.51	1.07766	39.95	39.95	1.5	ANNUAL	SRCGP6	5	
594998.04	4130741.51	1.07471	39.98	39.98	1.5	ANNUAL	SRCGP6	5	
595018.04	4130741.51	1.06879	39.9	39.9	1.5	ANNUAL	SRCGP6	5	
595038.04	4130741.51	1.06362	40.2	40.2	1.5	ANNUAL	SRCGP6	5	
595058.04	4130741.51	1.0537	40.15	40.15	1.5	ANNUAL	SRCGP6	5	
595078.04	4130741.51	1.03881	39.91	39.91	1.5	ANNUAL	SRCGP6	5	
595118.04	4130741.51	0.99284	39.9	39.9	1.5	ANNUAL	SRCGP6	5	
595138.04	4130741.51	0.95619	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
595158.04	4130741.51	0.90906	39.81	39.81	1.5	ANNUAL	SRCGP6	5	
595198.04	4130741.51	0.79142	39.63	39.63	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218.04	4130741.51	0.72819	39.64	39.64	1.5	ANNUAL	SRCGP6	5	
595238.04	4130741.51	0.66649	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
595278.04	4130741.51	0.55896	39.44	39.44	1.5	ANNUAL	SRCGP6	5	
595298.04	4130741.51	0.51614	39.53	39.53	1.5	ANNUAL	SRCGP6	5	
595318.04	4130741.51	0.47967	39.62	39.62	1.5	ANNUAL	SRCGP6	5	
595338.04	4130741.51	0.44715	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
595378.04	4130741.51	0.39565	39.14	39.14	1.5	ANNUAL	SRCGP6	5	
595398.04	4130741.51	0.37406	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
595418.04	4130741.51	0.3539	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
595438.04	4130741.51	0.3359	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
595478.04	4130741.51	0.30671	38.99	38.99	1.5	ANNUAL	SRCGP6	5	
595498.04	4130741.51	0.29408	38.96	38.96	1.5	ANNUAL	SRCGP6	5	
595518.04	4130741.51	0.28276	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
595538.04	4130741.51	0.27267	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
595578.04	4130741.51	0.25521	38.98	38.98	1.5	ANNUAL	SRCGP6	5	
595598.04	4130741.51	0.24737	38.94	38.94	1.5	ANNUAL	SRCGP6	5	
595618.04	4130741.51	0.24014	39.05	39.05	1.5	ANNUAL	SRCGP6	5	
595638.04	4130741.51	0.23309	38.98	38.98	1.5	ANNUAL	SRCGP6	5	
595658.04	4130741.51	0.22618	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595678.04	4130741.51	0.22005	39.11	39.11	1.5	ANNUAL	SRCGP6	5	
595698.04	4130741.51	0.21359	38.87	38.87	1.5	ANNUAL	SRCGP6	5	
595718.04	4130741.51	0.20741	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595738.04	4130741.51	0.20151	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595758.04	4130741.51	0.19558	38.51	38.51	1.5	ANNUAL	SRCGP6	5	
595778.04	4130741.51	0.1901	38.66	38.66	1.5	ANNUAL	SRCGP6	5	
595798.04	4130741.51	0.18447	38.36	38.36	1.5	ANNUAL	SRCGP6	5	
594318.04	4130761.51	0.23879	40.07	40.07	1.5	ANNUAL	SRCGP6	5	
594338.04	4130761.51	0.25277	40.19	40.19	1.5	ANNUAL	SRCGP6	5	
594358.04	4130761.51	0.26771	40.21	40.21	1.5	ANNUAL	SRCGP6	5	
594378.04	4130761.51	0.28366	40.15	40.15	1.5	ANNUAL	SRCGP6	5	
594398.04	4130761.51	0.30077	40.13	40.13	1.5	ANNUAL	SRCGP6	5	
594418.04	4130761.51	0.31922	40.32	40.32	1.5	ANNUAL	SRCGP6	5	
594438.04	4130761.51	0.33867	40.19	40.19	1.5	ANNUAL	SRCGP6	5	
594458.04	4130761.51	0.35946	40.12	40.12	1.5	ANNUAL	SRCGP6	5	
594478.04	4130761.51	0.38147	39.97	39.97	1.5	ANNUAL	SRCGP6	5	
594498.04	4130761.51	0.40541	40.31	40.31	1.5	ANNUAL	SRCGP6	5	
594518.04	4130761.51	0.43015	40.12	40.12	1.5	ANNUAL	SRCGP6	5	
594538.04	4130761.51	0.4562	39.93	39.93	1.5	ANNUAL	SRCGP6	5	
594558.04	4130761.51	0.48369	39.83	39.83	1.5	ANNUAL	SRCGP6	5	
594578.04	4130761.51	0.51305	40.05	40.05	1.5	ANNUAL	SRCGP6	5	
594598.04	4130761.51	0.5428	39.83	39.83	1.5	ANNUAL	SRCGP6	5	
594618.04	4130761.51	0.57392	39.76	39.76	1.5	ANNUAL	SRCGP6	5	
594678.04	4130761.51	0.6734	40.06	40.06	1.5	ANNUAL	SRCGP6	5	
594698.04	4130761.51	0.70681	39.96	39.96	1.5	ANNUAL	SRCGP6	5	
594718.04	4130761.51	0.73914	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
594758.04	4130761.51	0.80268	39.29	39.29	1.5	ANNUAL	SRCGP6	5	
594778.04	4130761.51	0.83344	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
594798.04	4130761.51	0.86181	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594818.04	4130761.51	0.88784	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594838.04	4130761.51	0.90996	39.17	39.17	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858.04	4130761.51	0.93025	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594878.04	4130761.51	0.945	39.2	39.2	1.5	ANNUAL	SRCGP6	5	
594898.04	4130761.51	0.95641	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
594938.04	4130761.51	0.96704	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
594958.04	4130761.51	0.96904	39.53	39.53	1.5	ANNUAL	SRCGP6	5	
594978.04	4130761.51	0.96694	39.58	39.58	1.5	ANNUAL	SRCGP6	5	
594998.04	4130761.51	0.96329	39.66	39.66	1.5	ANNUAL	SRCGP6	5	
595018.04	4130761.51	0.95767	39.63	39.63	1.5	ANNUAL	SRCGP6	5	
595038.04	4130761.51	0.95244	39.86	39.86	1.5	ANNUAL	SRCGP6	5	
595058.04	4130761.51	0.94453	39.99	39.99	1.5	ANNUAL	SRCGP6	5	
595078.04	4130761.51	0.93186	39.88	39.88	1.5	ANNUAL	SRCGP6	5	
595118.04	4130761.51	0.88973	39.8	39.8	1.5	ANNUAL	SRCGP6	5	
595138.04	4130761.51	0.85681	39.76	39.76	1.5	ANNUAL	SRCGP6	5	
595158.04	4130761.51	0.81449	39.54	39.54	1.5	ANNUAL	SRCGP6	5	
595198.04	4130761.51	0.71353	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
595218.04	4130761.51	0.65928	39.72	39.72	1.5	ANNUAL	SRCGP6	5	
595238.04	4130761.51	0.60475	39.4	39.4	1.5	ANNUAL	SRCGP6	5	
595278.04	4130761.51	0.51158	39.37	39.37	1.5	ANNUAL	SRCGP6	5	
595298.04	4130761.51	0.47413	39.54	39.54	1.5	ANNUAL	SRCGP6	5	
595318.04	4130761.51	0.44098	39.29	39.29	1.5	ANNUAL	SRCGP6	5	
595338.04	4130761.51	0.41282	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
595378.04	4130761.51	0.36668	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
595398.04	4130761.51	0.34749	38.96	38.96	1.5	ANNUAL	SRCGP6	5	
595418.04	4130761.51	0.32927	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
595438.04	4130761.51	0.31325	38.57	38.57	1.5	ANNUAL	SRCGP6	5	
595478.04	4130761.51	0.28624	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
595498.04	4130761.51	0.27437	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
595518.04	4130761.51	0.26387	38.74	38.74	1.5	ANNUAL	SRCGP6	5	
595538.04	4130761.51	0.25455	38.79	38.79	1.5	ANNUAL	SRCGP6	5	
595578.04	4130761.51	0.23857	38.93	38.93	1.5	ANNUAL	SRCGP6	5	
595598.04	4130761.51	0.23142	38.86	38.86	1.5	ANNUAL	SRCGP6	5	
595618.04	4130761.51	0.22493	38.97	38.97	1.5	ANNUAL	SRCGP6	5	
595638.04	4130761.51	0.21861	38.85	38.85	1.5	ANNUAL	SRCGP6	5	
595658.04	4130761.51	0.21252	38.66	38.66	1.5	ANNUAL	SRCGP6	5	
595678.04	4130761.51	0.2071	38.99	38.99	1.5	ANNUAL	SRCGP6	5	
595698.04	4130761.51	0.20148	38.85	38.85	1.5	ANNUAL	SRCGP6	5	
595718.04	4130761.51	0.19595	38.62	38.62	1.5	ANNUAL	SRCGP6	5	
595738.04	4130761.51	0.19077	38.66	38.66	1.5	ANNUAL	SRCGP6	5	
595758.04	4130761.51	0.18565	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
595778.04	4130761.51	0.18069	38.59	38.59	1.5	ANNUAL	SRCGP6	5	
595798.04	4130761.51	0.17578	38.48	38.48	1.5	ANNUAL	SRCGP6	5	
594318.04	4130781.51	0.24659	39.91	39.91	1.5	ANNUAL	SRCGP6	5	
594338.04	4130781.51	0.26065	40.03	40.03	1.5	ANNUAL	SRCGP6	5	
594358.04	4130781.51	0.27563	40.08	40.08	1.5	ANNUAL	SRCGP6	5	
594378.04	4130781.51	0.29151	40.03	40.03	1.5	ANNUAL	SRCGP6	5	
594398.04	4130781.51	0.30839	39.95	39.95	1.5	ANNUAL	SRCGP6	5	
594418.04	4130781.51	0.3265	40.06	40.06	1.5	ANNUAL	SRCGP6	5	
594438.04	4130781.51	0.34553	39.99	39.99	1.5	ANNUAL	SRCGP6	5	
594458.04	4130781.51	0.36577	39.98	39.98	1.5	ANNUAL	SRCGP6	5	
594478.04	4130781.51	0.3871	39.94	39.94	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130781.51	0.40969	40.01	40.01	1.5	ANNUAL	SRCGP6	5	
594518.04	4130781.51	0.43323	39.94	39.94	1.5	ANNUAL	SRCGP6	5	
594538.04	4130781.51	0.45796	39.95	39.95	1.5	ANNUAL	SRCGP6	5	
594558.04	4130781.51	0.48321	39.67	39.67	1.5	ANNUAL	SRCGP6	5	
594578.04	4130781.51	0.51028	39.9	39.9	1.5	ANNUAL	SRCGP6	5	
594598.04	4130781.51	0.53797	40	40	1.5	ANNUAL	SRCGP6	5	
594618.04	4130781.51	0.56563	39.76	39.76	1.5	ANNUAL	SRCGP6	5	
594678.04	4130781.51	0.6525	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
594698.04	4130781.51	0.68054	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
594718.04	4130781.51	0.70783	39.33	39.33	1.5	ANNUAL	SRCGP6	5	
594758.04	4130781.51	0.76014	39.1	39.1	1.5	ANNUAL	SRCGP6	5	
594778.04	4130781.51	0.78509	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
594798.04	4130781.51	0.80692	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
594818.04	4130781.51	0.827	39.23	39.23	1.5	ANNUAL	SRCGP6	5	
594838.04	4130781.51	0.84212	38.93	38.93	1.5	ANNUAL	SRCGP6	5	
594858.04	4130781.51	0.85773	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594878.04	4130781.51	0.86688	39.16	39.16	1.5	ANNUAL	SRCGP6	5	
594898.04	4130781.51	0.87285	39.08	39.08	1.5	ANNUAL	SRCGP6	5	
594938.04	4130781.51	0.87626	39.07	39.07	1.5	ANNUAL	SRCGP6	5	
594958.04	4130781.51	0.87557	39.27	39.27	1.5	ANNUAL	SRCGP6	5	
594978.04	4130781.51	0.87428	39.64	39.64	1.5	ANNUAL	SRCGP6	5	
594998.04	4130781.51	0.86937	39.55	39.55	1.5	ANNUAL	SRCGP6	5	
595018.04	4130781.51	0.86433	39.56	39.56	1.5	ANNUAL	SRCGP6	5	
595038.04	4130781.51	0.86007	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
595058.04	4130781.51	0.85209	39.86	39.86	1.5	ANNUAL	SRCGP6	5	
595078.04	4130781.51	0.84059	39.77	39.77	1.5	ANNUAL	SRCGP6	5	
595118.04	4130781.51	0.80217	39.7	39.7	1.5	ANNUAL	SRCGP6	5	
595138.04	4130781.51	0.77232	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
595158.04	4130781.51	0.73549	39.54	39.54	1.5	ANNUAL	SRCGP6	5	
595198.04	4130781.51	0.64644	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
595218.04	4130781.51	0.59864	39.42	39.42	1.5	ANNUAL	SRCGP6	5	
595238.04	4130781.51	0.55215	39.39	39.39	1.5	ANNUAL	SRCGP6	5	
595278.04	4130781.51	0.47014	39.29	39.29	1.5	ANNUAL	SRCGP6	5	
595298.04	4130781.51	0.43699	39.46	39.46	1.5	ANNUAL	SRCGP6	5	
595318.04	4130781.51	0.40753	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
595338.04	4130781.51	0.38199	38.89	38.89	1.5	ANNUAL	SRCGP6	5	
595378.04	4130781.51	0.34125	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
595398.04	4130781.51	0.32381	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595418.04	4130781.51	0.30762	38.53	38.53	1.5	ANNUAL	SRCGP6	5	
595438.04	4130781.51	0.29294	38.41	38.41	1.5	ANNUAL	SRCGP6	5	
595478.04	4130781.51	0.26807	38.72	38.72	1.5	ANNUAL	SRCGP6	5	
595498.04	4130781.51	0.25696	38.57	38.57	1.5	ANNUAL	SRCGP6	5	
595518.04	4130781.51	0.24729	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
595538.04	4130781.51	0.23854	38.71	38.71	1.5	ANNUAL	SRCGP6	5	
595578.04	4130781.51	0.22361	38.83	38.83	1.5	ANNUAL	SRCGP6	5	
595598.04	4130781.51	0.21714	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
595618.04	4130781.51	0.21123	39.01	39.01	1.5	ANNUAL	SRCGP6	5	
595638.04	4130781.51	0.20535	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
595658.04	4130781.51	0.20001	38.65	38.65	1.5	ANNUAL	SRCGP6	5	
595678.04	4130781.51	0.19514	38.91	38.91	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130781.51	0.1901	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
595718.04	4130781.51	0.18536	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
595738.04	4130781.51	0.18096	39.01	39.01	1.5	ANNUAL	SRCGP6	5	
595758.04	4130781.51	0.17643	38.97	38.97	1.5	ANNUAL	SRCGP6	5	
595778.04	4130781.51	0.17199	38.92	38.92	1.5	ANNUAL	SRCGP6	5	
595798.04	4130781.51	0.16754	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
594318.04	4130801.51	0.25368	39.92	39.92	1.5	ANNUAL	SRCGP6	5	
594338.04	4130801.51	0.26759	39.89	39.89	1.5	ANNUAL	SRCGP6	5	
594358.04	4130801.51	0.28248	40	40	1.5	ANNUAL	SRCGP6	5	
594378.04	4130801.51	0.29805	39.86	39.86	1.5	ANNUAL	SRCGP6	5	
594398.04	4130801.51	0.31461	39.82	39.82	1.5	ANNUAL	SRCGP6	5	
594418.04	4130801.51	0.33225	39.94	39.94	1.5	ANNUAL	SRCGP6	5	
594438.04	4130801.51	0.35079	40.01	40.01	1.5	ANNUAL	SRCGP6	5	
594458.04	4130801.51	0.37014	39.95	39.95	1.5	ANNUAL	SRCGP6	5	
594478.04	4130801.51	0.39017	39.68	39.68	1.5	ANNUAL	SRCGP6	5	
594498.04	4130801.51	0.4117	39.9	39.9	1.5	ANNUAL	SRCGP6	5	
594518.04	4130801.51	0.43376	39.87	39.87	1.5	ANNUAL	SRCGP6	5	
594538.04	4130801.51	0.45662	39.84	39.84	1.5	ANNUAL	SRCGP6	5	
594558.04	4130801.51	0.47961	39.49	39.49	1.5	ANNUAL	SRCGP6	5	
594578.04	4130801.51	0.50417	39.68	39.68	1.5	ANNUAL	SRCGP6	5	
594598.04	4130801.51	0.52855	39.53	39.53	1.5	ANNUAL	SRCGP6	5	
594618.04	4130801.51	0.55371	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
594678.04	4130801.51	0.62918	39.69	39.69	1.5	ANNUAL	SRCGP6	5	
594698.04	4130801.51	0.65309	39.54	39.54	1.5	ANNUAL	SRCGP6	5	
594718.04	4130801.51	0.67573	39.28	39.28	1.5	ANNUAL	SRCGP6	5	
594758.04	4130801.51	0.71759	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
594778.04	4130801.51	0.73817	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
594798.04	4130801.51	0.75343	38.86	38.86	1.5	ANNUAL	SRCGP6	5	
594818.04	4130801.51	0.76805	38.87	38.87	1.5	ANNUAL	SRCGP6	5	
594838.04	4130801.51	0.77957	38.82	38.82	1.5	ANNUAL	SRCGP6	5	
594858.04	4130801.51	0.78923	38.97	38.97	1.5	ANNUAL	SRCGP6	5	
594878.04	4130801.51	0.79574	39.09	39.09	1.5	ANNUAL	SRCGP6	5	
594898.04	4130801.51	0.79747	38.85	38.85	1.5	ANNUAL	SRCGP6	5	
594938.04	4130801.51	0.79637	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
594958.04	4130801.51	0.79415	38.97	38.97	1.5	ANNUAL	SRCGP6	5	
594978.04	4130801.51	0.79221	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594998.04	4130801.51	0.78765	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
595018.04	4130801.51	0.78346	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
595038.04	4130801.51	0.77988	39.68	39.68	1.5	ANNUAL	SRCGP6	5	
595058.04	4130801.51	0.77319	39.78	39.78	1.5	ANNUAL	SRCGP6	5	
595078.04	4130801.51	0.76213	39.59	39.59	1.5	ANNUAL	SRCGP6	5	
595118.04	4130801.51	0.72795	39.79	39.79	1.5	ANNUAL	SRCGP6	5	
595138.04	4130801.51	0.7004	39.56	39.56	1.5	ANNUAL	SRCGP6	5	
595158.04	4130801.51	0.66673	39.3	39.3	1.5	ANNUAL	SRCGP6	5	
595198.04	4130801.51	0.58856	39.3	39.3	1.5	ANNUAL	SRCGP6	5	
595218.04	4130801.51	0.5471	39.38	39.38	1.5	ANNUAL	SRCGP6	5	
595238.04	4130801.51	0.50609	39.29	39.29	1.5	ANNUAL	SRCGP6	5	
595278.04	4130801.51	0.43392	39.29	39.29	1.5	ANNUAL	SRCGP6	5	
595298.04	4130801.51	0.40414	39.35	39.35	1.5	ANNUAL	SRCGP6	5	
595318.04	4130801.51	0.37794	39.17	39.17	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338.04	4130801.51	0.35504	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
595378.04	4130801.51	0.31838	38.71	38.71	1.5	ANNUAL	SRCGP6	5	
595398.04	4130801.51	0.30287	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
595418.04	4130801.51	0.28817	38.41	38.41	1.5	ANNUAL	SRCGP6	5	
595438.04	4130801.51	0.27483	38.28	38.28	1.5	ANNUAL	SRCGP6	5	
595478.04	4130801.51	0.25204	38.65	38.65	1.5	ANNUAL	SRCGP6	5	
595498.04	4130801.51	0.2415	38.36	38.36	1.5	ANNUAL	SRCGP6	5	
595518.04	4130801.51	0.23234	38.4	38.4	1.5	ANNUAL	SRCGP6	5	
595538.04	4130801.51	0.22418	38.51	38.51	1.5	ANNUAL	SRCGP6	5	
595578.04	4130801.51	0.21021	38.72	38.72	1.5	ANNUAL	SRCGP6	5	
595598.04	4130801.51	0.2041	38.69	38.69	1.5	ANNUAL	SRCGP6	5	
595618.04	4130801.51	0.1986	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
595638.04	4130801.51	0.19337	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
595658.04	4130801.51	0.18846	38.56	38.56	1.5	ANNUAL	SRCGP6	5	
595678.04	4130801.51	0.18408	38.81	38.81	1.5	ANNUAL	SRCGP6	5	
595698.04	4130801.51	0.17963	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
595718.04	4130801.51	0.17534	38.57	38.57	1.5	ANNUAL	SRCGP6	5	
595738.04	4130801.51	0.17131	38.66	38.66	1.5	ANNUAL	SRCGP6	5	
595758.04	4130801.51	0.16732	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
595778.04	4130801.51	0.16339	38.65	38.65	1.5	ANNUAL	SRCGP6	5	
595798.04	4130801.51	0.15934	38.27	38.27	1.5	ANNUAL	SRCGP6	5	
594318.04	4130821.51	0.25973	39.74	39.74	1.5	ANNUAL	SRCGP6	5	
594338.04	4130821.51	0.27357	39.88	39.88	1.5	ANNUAL	SRCGP6	5	
594358.04	4130821.51	0.28817	39.98	39.98	1.5	ANNUAL	SRCGP6	5	
594378.04	4130821.51	0.30326	39.72	39.72	1.5	ANNUAL	SRCGP6	5	
594398.04	4130821.51	0.31929	39.68	39.68	1.5	ANNUAL	SRCGP6	5	
594418.04	4130821.51	0.33641	39.94	39.94	1.5	ANNUAL	SRCGP6	5	
594438.04	4130821.51	0.35402	39.88	39.88	1.5	ANNUAL	SRCGP6	5	
594458.04	4130821.51	0.37225	39.72	39.72	1.5	ANNUAL	SRCGP6	5	
594478.04	4130821.51	0.39111	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
594498.04	4130821.51	0.41115	39.68	39.68	1.5	ANNUAL	SRCGP6	5	
594518.04	4130821.51	0.43149	39.62	39.62	1.5	ANNUAL	SRCGP6	5	
594538.04	4130821.51	0.45247	39.63	39.63	1.5	ANNUAL	SRCGP6	5	
594558.04	4130821.51	0.4734	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
594578.04	4130821.51	0.49531	39.45	39.45	1.5	ANNUAL	SRCGP6	5	
594598.04	4130821.51	0.51736	39.5	39.5	1.5	ANNUAL	SRCGP6	5	
594618.04	4130821.51	0.53916	39.41	39.41	1.5	ANNUAL	SRCGP6	5	
594678.04	4130821.51	0.60408	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
594698.04	4130821.51	0.62402	39.35	39.35	1.5	ANNUAL	SRCGP6	5	
594718.04	4130821.51	0.64285	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
594758.04	4130821.51	0.67596	38.74	38.74	1.5	ANNUAL	SRCGP6	5	
594778.04	4130821.51	0.69211	39.07	39.07	1.5	ANNUAL	SRCGP6	5	
594798.04	4130821.51	0.70385	38.82	38.82	1.5	ANNUAL	SRCGP6	5	
594818.04	4130821.51	0.71385	38.73	38.73	1.5	ANNUAL	SRCGP6	5	
594838.04	4130821.51	0.72142	38.65	38.65	1.5	ANNUAL	SRCGP6	5	
594858.04	4130821.51	0.7272	38.74	38.74	1.5	ANNUAL	SRCGP6	5	
594878.04	4130821.51	0.72981	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
594898.04	4130821.51	0.73019	38.63	38.63	1.5	ANNUAL	SRCGP6	5	
594938.04	4130821.51	0.72665	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
594958.04	4130821.51	0.72447	38.9	38.9	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978.04	4130821.51	0.72108	38.96	38.96	1.5	ANNUAL	SRCGP6	5	
594998.04	4130821.51	0.71779	39.06	39.06	1.5	ANNUAL	SRCGP6	5	
595018.04	4130821.51	0.71396	39.1	39.1	1.5	ANNUAL	SRCGP6	5	
595038.04	4130821.51	0.71022	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
595058.04	4130821.51	0.70418	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
595078.04	4130821.51	0.6947	39.48	39.48	1.5	ANNUAL	SRCGP6	5	
595118.04	4130821.51	0.6622	39.45	39.45	1.5	ANNUAL	SRCGP6	5	
595138.04	4130821.51	0.63773	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
595158.04	4130821.51	0.60779	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595198.04	4130821.51	0.53879	39.26	39.26	1.5	ANNUAL	SRCGP6	5	
595218.04	4130821.51	0.50198	39.27	39.27	1.5	ANNUAL	SRCGP6	5	
595238.04	4130821.51	0.46561	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
595278.04	4130821.51	0.40174	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
595298.04	4130821.51	0.37514	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
595318.04	4130821.51	0.35125	38.96	38.96	1.5	ANNUAL	SRCGP6	5	
595338.04	4130821.51	0.33099	38.81	38.81	1.5	ANNUAL	SRCGP6	5	
595378.04	4130821.51	0.29788	38.62	38.62	1.5	ANNUAL	SRCGP6	5	
595398.04	4130821.51	0.284	38.65	38.65	1.5	ANNUAL	SRCGP6	5	
595418.04	4130821.51	0.27067	38.32	38.32	1.5	ANNUAL	SRCGP6	5	
595438.04	4130821.51	0.25863	38.23	38.23	1.5	ANNUAL	SRCGP6	5	
595478.04	4130821.51	0.23755	38.48	38.48	1.5	ANNUAL	SRCGP6	5	
595498.04	4130821.51	0.22786	38.3	38.3	1.5	ANNUAL	SRCGP6	5	
595518.04	4130821.51	0.21942	38.5	38.5	1.5	ANNUAL	SRCGP6	5	
595538.04	4130821.51	0.21144	38.37	38.37	1.5	ANNUAL	SRCGP6	5	
595558.04	4130821.51	0.20448	38.48	38.48	1.5	ANNUAL	SRCGP6	5	
595578.04	4130821.51	0.1983	38.71	38.71	1.5	ANNUAL	SRCGP6	5	
595598.04	4130821.51	0.19249	38.64	38.64	1.5	ANNUAL	SRCGP6	5	
595618.04	4130821.51	0.1874	38.83	38.83	1.5	ANNUAL	SRCGP6	5	
595638.04	4130821.51	0.18241	38.56	38.56	1.5	ANNUAL	SRCGP6	5	
595658.04	4130821.51	0.17789	38.44	38.44	1.5	ANNUAL	SRCGP6	5	
595678.04	4130821.51	0.17398	38.82	38.82	1.5	ANNUAL	SRCGP6	5	
595698.04	4130821.51	0.16989	38.6	38.6	1.5	ANNUAL	SRCGP6	5	
595718.04	4130821.51	0.16613	38.64	38.64	1.5	ANNUAL	SRCGP6	5	
595738.04	4130821.51	0.16249	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
595758.04	4130821.51	0.15888	38.6	38.6	1.5	ANNUAL	SRCGP6	5	
595778.04	4130821.51	0.15544	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
595798.04	4130821.51	0.15173	38.14	38.14	1.5	ANNUAL	SRCGP6	5	
594318.04	4130841.51	0.26479	39.6	39.6	1.5	ANNUAL	SRCGP6	5	
594338.04	4130841.51	0.27833	39.76	39.76	1.5	ANNUAL	SRCGP6	5	
594358.04	4130841.51	0.29236	39.67	39.67	1.5	ANNUAL	SRCGP6	5	
594378.04	4130841.51	0.30704	39.56	39.56	1.5	ANNUAL	SRCGP6	5	
594398.04	4130841.51	0.32246	39.58	39.58	1.5	ANNUAL	SRCGP6	5	
594418.04	4130841.51	0.33919	40.3	40.3	1.5	ANNUAL	SRCGP6	5	
594438.04	4130841.51	0.35536	39.73	39.73	1.5	ANNUAL	SRCGP6	5	
594458.04	4130841.51	0.37239	39.52	39.52	1.5	ANNUAL	SRCGP6	5	
594478.04	4130841.51	0.38993	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
594498.04	4130841.51	0.40881	39.78	39.78	1.5	ANNUAL	SRCGP6	5	
594518.04	4130841.51	0.42706	39.46	39.46	1.5	ANNUAL	SRCGP6	5	
594538.04	4130841.51	0.44607	39.47	39.47	1.5	ANNUAL	SRCGP6	5	
594558.04	4130841.51	0.46483	39.21	39.21	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594578.04	4130841.51	0.48442	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
594598.04	4130841.51	0.50405	39.48	39.48	1.5	ANNUAL	SRCGP6	5	
594618.04	4130841.51	0.52321	39.46	39.46	1.5	ANNUAL	SRCGP6	5	
594678.04	4130841.51	0.57747	39.13	39.13	1.5	ANNUAL	SRCGP6	5	
594698.04	4130841.51	0.59456	39.19	39.19	1.5	ANNUAL	SRCGP6	5	
594718.04	4130841.51	0.60894	38.74	38.74	1.5	ANNUAL	SRCGP6	5	
594758.04	4130841.51	0.63639	38.73	38.73	1.5	ANNUAL	SRCGP6	5	
594778.04	4130841.51	0.64795	38.81	38.81	1.5	ANNUAL	SRCGP6	5	
594798.04	4130841.51	0.65709	38.78	38.78	1.5	ANNUAL	SRCGP6	5	
594818.04	4130841.51	0.66468	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
594838.04	4130841.51	0.66809	38.52	38.52	1.5	ANNUAL	SRCGP6	5	
594858.04	4130841.51	0.67123	38.6	38.6	1.5	ANNUAL	SRCGP6	5	
594878.04	4130841.51	0.67145	38.48	38.48	1.5	ANNUAL	SRCGP6	5	
594898.04	4130841.51	0.67103	38.59	38.59	1.5	ANNUAL	SRCGP6	5	
594938.04	4130841.51	0.66559	38.54	38.54	1.5	ANNUAL	SRCGP6	5	
594958.04	4130841.51	0.66329	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
594978.04	4130841.51	0.66029	38.85	38.85	1.5	ANNUAL	SRCGP6	5	
594998.04	4130841.51	0.65704	38.86	38.86	1.5	ANNUAL	SRCGP6	5	
595018.04	4130841.51	0.65399	38.97	38.97	1.5	ANNUAL	SRCGP6	5	
595038.04	4130841.51	0.65104	39.33	39.33	1.5	ANNUAL	SRCGP6	5	
595058.04	4130841.51	0.64529	39.44	39.44	1.5	ANNUAL	SRCGP6	5	
595078.04	4130841.51	0.63611	39.38	39.38	1.5	ANNUAL	SRCGP6	5	
595118.04	4130841.51	0.60623	39.44	39.44	1.5	ANNUAL	SRCGP6	5	
595138.04	4130841.51	0.58315	39.12	39.12	1.5	ANNUAL	SRCGP6	5	
595158.04	4130841.51	0.55698	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595198.04	4130841.51	0.49572	39.37	39.37	1.5	ANNUAL	SRCGP6	5	
595218.04	4130841.51	0.46237	39.14	39.14	1.5	ANNUAL	SRCGP6	5	
595238.04	4130841.51	0.43033	39.11	39.11	1.5	ANNUAL	SRCGP6	5	
595278.04	4130841.51	0.37318	39.16	39.16	1.5	ANNUAL	SRCGP6	5	
595298.04	4130841.51	0.34925	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
595318.04	4130841.51	0.3277	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
595338.04	4130841.51	0.30941	38.79	38.79	1.5	ANNUAL	SRCGP6	5	
595378.04	4130841.51	0.27962	38.69	38.69	1.5	ANNUAL	SRCGP6	5	
595398.04	4130841.51	0.26695	38.63	38.63	1.5	ANNUAL	SRCGP6	5	
595418.04	4130841.51	0.25487	38.28	38.28	1.5	ANNUAL	SRCGP6	5	
595438.04	4130841.51	0.24405	38.26	38.26	1.5	ANNUAL	SRCGP6	5	
595478.04	4130841.51	0.22468	38.48	38.48	1.5	ANNUAL	SRCGP6	5	
595498.04	4130841.51	0.21568	38.33	38.33	1.5	ANNUAL	SRCGP6	5	
595518.04	4130841.51	0.20752	38.29	38.29	1.5	ANNUAL	SRCGP6	5	
595538.04	4130841.51	0.20011	38.3	38.3	1.5	ANNUAL	SRCGP6	5	
595558.04	4130841.51	0.19336	38.28	38.28	1.5	ANNUAL	SRCGP6	5	
595578.04	4130841.51	0.1875	38.54	38.54	1.5	ANNUAL	SRCGP6	5	
595598.04	4130841.51	0.18195	38.45	38.45	1.5	ANNUAL	SRCGP6	5	
595618.04	4130841.51	0.1771	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
595638.04	4130841.51	0.17252	38.52	38.52	1.5	ANNUAL	SRCGP6	5	
595658.04	4130841.51	0.16829	38.38	38.38	1.5	ANNUAL	SRCGP6	5	
595678.04	4130841.51	0.16462	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
595698.04	4130841.51	0.16092	38.55	38.55	1.5	ANNUAL	SRCGP6	5	
595718.04	4130841.51	0.15748	38.56	38.56	1.5	ANNUAL	SRCGP6	5	
595738.04	4130841.51	0.15421	38.63	38.63	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595758.04	4130841.51	0.15097	38.55	38.55	1.5	ANNUAL	SRCGP6	5	
595778.04	4130841.51	0.14784	38.52	38.52	1.5	ANNUAL	SRCGP6	5	
595798.04	4130841.51	0.14451	37.98	37.98	1.5	ANNUAL	SRCGP6	5	
594318.04	4130861.51	0.26885	39.56	39.56	1.5	ANNUAL	SRCGP6	5	
594338.04	4130861.51	0.2819	39.62	39.62	1.5	ANNUAL	SRCGP6	5	
594358.04	4130861.51	0.29545	39.61	39.61	1.5	ANNUAL	SRCGP6	5	
594378.04	4130861.51	0.30942	39.45	39.45	1.5	ANNUAL	SRCGP6	5	
594398.04	4130861.51	0.3241	39.51	39.51	1.5	ANNUAL	SRCGP6	5	
594418.04	4130861.51	0.33956	39.82	39.82	1.5	ANNUAL	SRCGP6	5	
594438.04	4130861.51	0.35507	39.7	39.7	1.5	ANNUAL	SRCGP6	5	
594458.04	4130861.51	0.3707	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
594478.04	4130861.51	0.38692	39.24	39.24	1.5	ANNUAL	SRCGP6	5	
594498.04	4130861.51	0.40434	39.77	39.77	1.5	ANNUAL	SRCGP6	5	
594518.04	4130861.51	0.42079	39.41	39.41	1.5	ANNUAL	SRCGP6	5	
594538.04	4130861.51	0.43743	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
594558.04	4130861.51	0.45448	39.12	39.12	1.5	ANNUAL	SRCGP6	5	
594578.04	4130861.51	0.47172	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
594598.04	4130861.51	0.48897	39.39	39.39	1.5	ANNUAL	SRCGP6	5	
594618.04	4130861.51	0.50548	39.33	39.33	1.5	ANNUAL	SRCGP6	5	
594678.04	4130861.51	0.55081	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
594698.04	4130861.51	0.56497	38.93	38.93	1.5	ANNUAL	SRCGP6	5	
594718.04	4130861.51	0.57776	38.93	38.93	1.5	ANNUAL	SRCGP6	5	
594758.04	4130861.51	0.5984	38.68	38.68	1.5	ANNUAL	SRCGP6	5	
594778.04	4130861.51	0.6071	38.8	38.8	1.5	ANNUAL	SRCGP6	5	
594798.04	4130861.51	0.61325	38.7	38.7	1.5	ANNUAL	SRCGP6	5	
594818.04	4130861.51	0.6177	38.67	38.67	1.5	ANNUAL	SRCGP6	5	
594838.04	4130861.51	0.61936	38.41	38.41	1.5	ANNUAL	SRCGP6	5	
594858.04	4130861.51	0.62091	38.58	38.58	1.5	ANNUAL	SRCGP6	5	
594878.04	4130861.51	0.61946	38.39	38.39	1.5	ANNUAL	SRCGP6	5	
594898.04	4130861.51	0.61777	38.44	38.44	1.5	ANNUAL	SRCGP6	5	
594938.04	4130861.51	0.61158	38.34	38.34	1.5	ANNUAL	SRCGP6	5	
594958.04	4130861.51	0.60965	38.63	38.63	1.5	ANNUAL	SRCGP6	5	
594978.04	4130861.51	0.60746	38.82	38.82	1.5	ANNUAL	SRCGP6	5	
594998.04	4130861.51	0.60438	38.75	38.75	1.5	ANNUAL	SRCGP6	5	
595018.04	4130861.51	0.60137	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
595038.04	4130861.51	0.5981	38.98	38.98	1.5	ANNUAL	SRCGP6	5	
595058.04	4130861.51	0.59296	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595078.04	4130861.51	0.58446	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
595118.04	4130861.51	0.55669	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
595138.04	4130861.51	0.53605	39.08	39.08	1.5	ANNUAL	SRCGP6	5	
595158.04	4130861.51	0.51204	39.02	39.02	1.5	ANNUAL	SRCGP6	5	
595198.04	4130861.51	0.45699	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
595238.04	4130861.51	0.39853	38.84	38.84	1.5	ANNUAL	SRCGP6	5	
595278.04	4130861.51	0.34748	38.98	38.98	1.5	ANNUAL	SRCGP6	5	
595298.04	4130861.51	0.32546	38.83	38.83	1.5	ANNUAL	SRCGP6	5	
595318.04	4130861.51	0.30633	38.73	38.73	1.5	ANNUAL	SRCGP6	5	
595338.04	4130861.51	0.28977	38.64	38.64	1.5	ANNUAL	SRCGP6	5	
595378.04	4130861.51	0.26257	38.43	38.43	1.5	ANNUAL	SRCGP6	5	
595398.04	4130861.51	0.25119	38.42	38.42	1.5	ANNUAL	SRCGP6	5	
595418.04	4130861.51	0.24026	38.07	38.07	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595438.04	4130861.51	0.23061	38.17	38.17	1.5	ANNUAL	SRCGP6	5	
595478.04	4130861.51	0.21269	38.2	38.2	1.5	ANNUAL	SRCGP6	5	
595498.04	4130861.51	0.20456	38.25	38.25	1.5	ANNUAL	SRCGP6	5	
595518.04	4130861.51	0.19691	38.21	38.21	1.5	ANNUAL	SRCGP6	5	
595538.04	4130861.51	0.18975	38.05	38.05	1.5	ANNUAL	SRCGP6	5	
595558.04	4130861.51	0.1835	38.23	38.23	1.5	ANNUAL	SRCGP6	5	
595578.04	4130861.51	0.17794	38.56	38.56	1.5	ANNUAL	SRCGP6	5	
595598.04	4130861.51	0.17269	38.58	38.58	1.5	ANNUAL	SRCGP6	5	
595618.04	4130861.51	0.16786	38.46	38.46	1.5	ANNUAL	SRCGP6	5	
595638.04	4130861.51	0.16351	38.4	38.4	1.5	ANNUAL	SRCGP6	5	
595658.04	4130861.51	0.15956	38.36	38.36	1.5	ANNUAL	SRCGP6	5	
595678.04	4130861.51	0.15608	38.59	38.59	1.5	ANNUAL	SRCGP6	5	
595698.04	4130861.51	0.15263	38.44	38.44	1.5	ANNUAL	SRCGP6	5	
595718.04	4130861.51	0.14955	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
595738.04	4130861.51	0.14652	38.59	38.59	1.5	ANNUAL	SRCGP6	5	
595758.04	4130861.51	0.14361	38.56	38.56	1.5	ANNUAL	SRCGP6	5	
595778.04	4130861.51	0.14079	38.55	38.55	1.5	ANNUAL	SRCGP6	5	
595798.04	4130861.51	0.13784	38.11	38.11	1.5	ANNUAL	SRCGP6	5	
594318.04	4130881.51	0.27169	39.36	39.36	1.5	ANNUAL	SRCGP6	5	
594338.04	4130881.51	0.28418	39.38	39.38	1.5	ANNUAL	SRCGP6	5	
594358.04	4130881.51	0.29702	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594378.04	4130881.51	0.31032	39.26	39.26	1.5	ANNUAL	SRCGP6	5	
594398.04	4130881.51	0.32403	39.22	39.22	1.5	ANNUAL	SRCGP6	5	
594418.04	4130881.51	0.33829	39.34	39.34	1.5	ANNUAL	SRCGP6	5	
594438.04	4130881.51	0.35267	39.27	39.27	1.5	ANNUAL	SRCGP6	5	
594458.04	4130881.51	0.36718	39.09	39.09	1.5	ANNUAL	SRCGP6	5	
594478.04	4130881.51	0.38202	39.01	39.01	1.5	ANNUAL	SRCGP6	5	
594498.04	4130881.51	0.39756	39.31	39.31	1.5	ANNUAL	SRCGP6	5	
594518.04	4130881.51	0.41253	39.15	39.15	1.5	ANNUAL	SRCGP6	5	
594538.04	4130881.51	0.42748	39	39	1.5	ANNUAL	SRCGP6	5	
594558.04	4130881.51	0.44267	39.04	39.04	1.5	ANNUAL	SRCGP6	5	
594578.04	4130881.51	0.45801	39.25	39.25	1.5	ANNUAL	SRCGP6	5	
594598.04	4130881.51	0.47198	38.91	38.91	1.5	ANNUAL	SRCGP6	5	
594618.04	4130881.51	0.4868	39.17	39.17	1.5	ANNUAL	SRCGP6	5	
594678.04	4130881.51	0.52522	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
594698.04	4130881.51	0.53557	38.54	38.54	1.5	ANNUAL	SRCGP6	5	
594718.04	4130881.51	0.54566	38.52	38.52	1.5	ANNUAL	SRCGP6	5	
594758.04	4130881.51	0.56165	38.42	38.42	1.5	ANNUAL	SRCGP6	5	
594778.04	4130881.51	0.56757	38.43	38.43	1.5	ANNUAL	SRCGP6	5	
594798.04	4130881.51	0.57175	38.42	38.42	1.5	ANNUAL	SRCGP6	5	
594818.04	4130881.51	0.5737	38.25	38.25	1.5	ANNUAL	SRCGP6	5	
594838.04	4130881.51	0.57451	38.21	38.21	1.5	ANNUAL	SRCGP6	5	
594858.04	4130881.51	0.57392	38.18	38.18	1.5	ANNUAL	SRCGP6	5	
594878.04	4130881.51	0.57192	38.08	38.08	1.5	ANNUAL	SRCGP6	5	
594898.04	4130881.51	0.56964	38.12	38.12	1.5	ANNUAL	SRCGP6	5	
594938.04	4130881.51	0.56395	38.14	38.14	1.5	ANNUAL	SRCGP6	5	
594958.04	4130881.51	0.5618	38.3	38.3	1.5	ANNUAL	SRCGP6	5	
594978.04	4130881.51	0.55976	38.42	38.42	1.5	ANNUAL	SRCGP6	5	
595038.04	4130881.51	0.55204	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
595058.04	4130881.51	0.54651	38.77	38.77	1.5	ANNUAL	SRCGP6	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595078.04	4130881.51	0.53879	38.89	38.89	1.5	ANNUAL	SRCGP6	5	
595098.04	4130881.51	0.52771	38.96	38.96	1.5	ANNUAL	SRCGP6	5	
595118.04	4130881.51	0.51296	39	39	1.5	ANNUAL	SRCGP6	5	
595138.04	4130881.51	0.49417	38.88	38.88	1.5	ANNUAL	SRCGP6	5	
595158.04	4130881.51	0.47221	38.77	38.77	1.5	ANNUAL	SRCGP6	5	
595178.04	4130881.51	0.44767	38.61	38.61	1.5	ANNUAL	SRCGP6	5	
594658.04	4130981.51	0.40238	38.34	38.34	1.5	ANNUAL	SRCGP6	5	

CONCUNIT ug/m^3

DEPUNIT g/m^2

AERMOD (91): C:\Lake ERMOD Vie CC FMP_co st\SJCC FM P_const .isc 1/6/2021
AERMET (1 91): 19:19:56
MODELING IONS USED: gDFAULT C ELEV FL GPOL URBA N ADJ_ U*
PLOT FILE OF ANI VALUES AVI GED ACROS 5 YEARS FOR SO URCE GRO UP: SRCGP7
FOR A TOTAL OF 1 RECEPTORS.
FORM AT: (3(1X,F1),3(1X,F8.2) 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.9	4130189	0.04808	46.81	46.81	1.5	ANNUAL	SRCGP7	5	
594481.9	4130189	0.04941	46.84	46.84	1.5	ANNUAL	SRCGP7	5	
594501.9	4130189	0.05082	46.82	46.82	1.5	ANNUAL	SRCGP7	5	
594521.9	4130189	0.05232	46.7	46.7	1.5	ANNUAL	SRCGP7	5	
594541.9	4130189	0.0539	46.61	46.61	1.5	ANNUAL	SRCGP7	5	
594561.9	4130189	0.05559	46.45	46.45	1.5	ANNUAL	SRCGP7	5	
594421.9	4130209	0.04798	46.02	46.02	1.5	ANNUAL	SRCGP7	5	
594441.9	4130209	0.04932	46.01	46.01	1.5	ANNUAL	SRCGP7	5	
594461.9	4130209	0.05066	46.26	46.26	1.5	ANNUAL	SRCGP7	5	
594481.9	4130209	0.05211	46.32	46.32	1.5	ANNUAL	SRCGP7	5	
594501.9	4130209	0.05351	46.8	46.8	1.5	ANNUAL	SRCGP7	5	
594521.9	4130209	0.05512	46.82	46.82	1.5	ANNUAL	SRCGP7	5	
594541.9	4130209	0.05681	46.85	46.85	1.5	ANNUAL	SRCGP7	5	
594561.9	4130209	0.05866	46.7	46.7	1.5	ANNUAL	SRCGP7	5	
594581.9	4130209	0.06082	45.96	45.96	1.5	ANNUAL	SRCGP7	5	
594421.9	4130229	0.05034	46.01	46.01	1.5	ANNUAL	SRCGP7	5	
594441.9	4130229	0.05179	46.01	46.01	1.5	ANNUAL	SRCGP7	5	
594461.9	4130229	0.05333	46.01	46.01	1.5	ANNUAL	SRCGP7	5	
594481.9	4130229	0.05489	46.18	46.18	1.5	ANNUAL	SRCGP7	5	
594501.9	4130229	0.0565	46.42	46.42	1.5	ANNUAL	SRCGP7	5	
594521.9	4130229	0.05821	46.6	46.6	1.5	ANNUAL	SRCGP7	5	
594541.9	4130229	0.06004	46.75	46.75	1.5	ANNUAL	SRCGP7	5	
594561.9	4130229	0.06223	46.19	46.19	1.5	ANNUAL	SRCGP7	5	
594581.9	4130229	0.06457	45.57	45.57	1.5	ANNUAL	SRCGP7	5	
594421.9	4130249	0.05286	45.94	45.94	1.5	ANNUAL	SRCGP7	5	
594441.9	4130249	0.05445	45.94	45.94	1.5	ANNUAL	SRCGP7	5	
594461.9	4130249	0.05611	45.94	45.94	1.5	ANNUAL	SRCGP7	5	
594481.9	4130249	0.05785	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
594501.9	4130249	0.05968	46.08	46.08	1.5	ANNUAL	SRCGP7	5	
594521.9	4130249	0.06162	46.15	46.15	1.5	ANNUAL	SRCGP7	5	
594561.9	4130249	0.06615	45.4	45.4	1.5	ANNUAL	SRCGP7	5	
594581.9	4130249	0.06864	45	45	1.5	ANNUAL	SRCGP7	5	
594421.9	4130269	0.05548	45.9	45.9	1.5	ANNUAL	SRCGP7	5	
594441.9	4130269	0.0572	45.93	45.93	1.5	ANNUAL	SRCGP7	5	
594461.9	4130269	0.05903	45.92	45.92	1.5	ANNUAL	SRCGP7	5	
594421.9	4130289	0.05822	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
594441.9	4130289	0.0601	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
594461.9	4130289	0.06209	45.95	45.95	1.5	ANNUAL	SRCGP7	5	
594421.9	4130309	0.06105	46	46	1.5	ANNUAL	SRCGP7	5	
594441.9	4130309	0.06309	46.04	46.04	1.5	ANNUAL	SRCGP7	5	
594461.9	4130309	0.06527	45.97	45.97	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594361.9	4130489	0.08393	42.59	42.59	1.5	ANNUAL	SRCGP7	5	
594381.9	4130489	0.08747	42.59	42.59	1.5	ANNUAL	SRCGP7	5	
594401.9	4130489	0.09129	42.5	42.5	1.5	ANNUAL	SRCGP7	5	
594261.2	4129770	0.01775	47.77	47.77	1.5	ANNUAL	SRCGP7	5	
594281.4	4129770	0.01795	47.78	47.78	1.5	ANNUAL	SRCGP7	5	
594301.7	4129770	0.01814	47.68	47.68	1.5	ANNUAL	SRCGP7	5	
594321.9	4129770	0.01832	47.73	47.73	1.5	ANNUAL	SRCGP7	5	
594342.1	4129770	0.0185	47.62	47.62	1.5	ANNUAL	SRCGP7	5	
594362.3	4129770	0.01868	47.63	47.63	1.5	ANNUAL	SRCGP7	5	
594382.5	4129770	0.01884	47.58	47.58	1.5	ANNUAL	SRCGP7	5	
594402.8	4129770	0.01897	47.37	47.37	1.5	ANNUAL	SRCGP7	5	
594423	4129770	0.0191	47.36	47.36	1.5	ANNUAL	SRCGP7	5	
594443.2	4129770	0.01923	47.21	47.21	1.5	ANNUAL	SRCGP7	5	
594261.2	4129790	0.01831	47.73	47.73	1.5	ANNUAL	SRCGP7	5	
594281.4	4129790	0.01852	47.63	47.63	1.5	ANNUAL	SRCGP7	5	
594301.7	4129790	0.01875	47.64	47.64	1.5	ANNUAL	SRCGP7	5	
594321.9	4129790	0.01895	47.78	47.78	1.5	ANNUAL	SRCGP7	5	
594342.1	4129790	0.01914	47.98	47.98	1.5	ANNUAL	SRCGP7	5	
594362.3	4129790	0.01939	47.46	47.46	1.5	ANNUAL	SRCGP7	5	
594382.5	4129790	0.01956	47.4	47.4	1.5	ANNUAL	SRCGP7	5	
594402.8	4129790	0.01975	47.22	47.22	1.5	ANNUAL	SRCGP7	5	
594423	4129790	0.01993	47.19	47.19	1.5	ANNUAL	SRCGP7	5	
594443.2	4129790	0.02007	47.21	47.21	1.5	ANNUAL	SRCGP7	5	
594261.2	4129810	0.01887	47.82	47.82	1.5	ANNUAL	SRCGP7	5	
594281.4	4129810	0.01909	47.95	47.95	1.5	ANNUAL	SRCGP7	5	
594301.7	4129810	0.01935	47.8	47.8	1.5	ANNUAL	SRCGP7	5	
594321.9	4129810	0.01958	47.74	47.74	1.5	ANNUAL	SRCGP7	5	
594342.1	4129810	0.01982	47.82	47.82	1.5	ANNUAL	SRCGP7	5	
594362.3	4129810	0.0201	47.28	47.28	1.5	ANNUAL	SRCGP7	5	
594382.5	4129810	0.02029	47.48	47.48	1.5	ANNUAL	SRCGP7	5	
594402.8	4129810	0.02053	47.26	47.26	1.5	ANNUAL	SRCGP7	5	
594423	4129810	0.02074	47.45	47.45	1.5	ANNUAL	SRCGP7	5	
594443.2	4129810	0.02094	47.19	47.19	1.5	ANNUAL	SRCGP7	5	
594261.2	4129850	0.0201	47.39	47.39	1.5	ANNUAL	SRCGP7	5	
594281.4	4129850	0.02038	47.5	47.5	1.5	ANNUAL	SRCGP7	5	
594301.7	4129850	0.02065	47.62	47.62	1.5	ANNUAL	SRCGP7	5	
594321.9	4129850	0.02092	47.72	47.72	1.5	ANNUAL	SRCGP7	5	
594342.1	4129850	0.02123	47.64	47.64	1.5	ANNUAL	SRCGP7	5	
594362.3	4129850	0.02153	47.3	47.3	1.5	ANNUAL	SRCGP7	5	
594382.5	4129850	0.02183	47.25	47.25	1.5	ANNUAL	SRCGP7	5	
594402.8	4129850	0.02215	47.02	47.02	1.5	ANNUAL	SRCGP7	5	
594423	4129850	0.02243	47.06	47.06	1.5	ANNUAL	SRCGP7	5	
594443.2	4129850	0.02272	47.02	47.02	1.5	ANNUAL	SRCGP7	5	
594463.4	4129850	0.02298	46.96	46.96	1.5	ANNUAL	SRCGP7	5	
594483.6	4129850	0.02324	46.99	46.99	1.5	ANNUAL	SRCGP7	5	
594503.9	4129850	0.02349	46.95	46.95	1.5	ANNUAL	SRCGP7	5	
594524.1	4129850	0.02372	47	47	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594544.3	4129850	0.02392	47.1	47.1	1.5	ANNUAL	SRCGP7	5	
594564.5	4129850	0.02408	47.14	47.14	1.5	ANNUAL	SRCGP7	5	
594584.7	4129850	0.02425	47.25	47.25	1.5	ANNUAL	SRCGP7	5	
594605	4129850	0.02439	47.31	47.31	1.5	ANNUAL	SRCGP7	5	
594625.2	4129850	0.02449	47.4	47.4	1.5	ANNUAL	SRCGP7	5	
594261.2	4129870	0.02074	47.43	47.43	1.5	ANNUAL	SRCGP7	5	
594281.4	4129870	0.02107	47.21	47.21	1.5	ANNUAL	SRCGP7	5	
594301.7	4129870	0.02133	47.6	47.6	1.5	ANNUAL	SRCGP7	5	
594321.9	4129870	0.02166	47.4	47.4	1.5	ANNUAL	SRCGP7	5	
594342.1	4129870	0.02197	47.54	47.54	1.5	ANNUAL	SRCGP7	5	
594362.3	4129870	0.02229	47.44	47.44	1.5	ANNUAL	SRCGP7	5	
594382.5	4129870	0.02264	47.21	47.21	1.5	ANNUAL	SRCGP7	5	
594402.8	4129870	0.02298	47.06	47.06	1.5	ANNUAL	SRCGP7	5	
594423	4129870	0.0233	47.03	47.03	1.5	ANNUAL	SRCGP7	5	
594443.2	4129870	0.02364	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594463.4	4129870	0.02395	46.93	46.93	1.5	ANNUAL	SRCGP7	5	
594483.6	4129870	0.02426	46.92	46.92	1.5	ANNUAL	SRCGP7	5	
594503.9	4129870	0.02457	46.94	46.94	1.5	ANNUAL	SRCGP7	5	
594524.1	4129870	0.02484	46.98	46.98	1.5	ANNUAL	SRCGP7	5	
594544.3	4129870	0.0251	47	47	1.5	ANNUAL	SRCGP7	5	
594564.5	4129870	0.02535	47.08	47.08	1.5	ANNUAL	SRCGP7	5	
594584.7	4129870	0.02556	47.18	47.18	1.5	ANNUAL	SRCGP7	5	
594605	4129870	0.02575	47.27	47.27	1.5	ANNUAL	SRCGP7	5	
594625.2	4129870	0.02594	47.16	47.16	1.5	ANNUAL	SRCGP7	5	
594261.2	4129890	0.02145	47.16	47.16	1.5	ANNUAL	SRCGP7	5	
594281.4	4129890	0.02177	47.13	47.13	1.5	ANNUAL	SRCGP7	5	
594301.7	4129890	0.02209	47.25	47.25	1.5	ANNUAL	SRCGP7	5	
594321.9	4129890	0.02244	47.06	47.06	1.5	ANNUAL	SRCGP7	5	
594342.1	4129890	0.02278	47.1	47.1	1.5	ANNUAL	SRCGP7	5	
594362.3	4129890	0.02311	47.13	47.13	1.5	ANNUAL	SRCGP7	5	
594382.5	4129890	0.0235	47.05	47.05	1.5	ANNUAL	SRCGP7	5	
594402.8	4129890	0.02385	47	47	1.5	ANNUAL	SRCGP7	5	
594423	4129890	0.0242	46.99	46.99	1.5	ANNUAL	SRCGP7	5	
594443.2	4129890	0.02458	46.79	46.79	1.5	ANNUAL	SRCGP7	5	
594463.4	4129890	0.02495	46.73	46.73	1.5	ANNUAL	SRCGP7	5	
594483.6	4129890	0.02532	46.79	46.79	1.5	ANNUAL	SRCGP7	5	
594503.9	4129890	0.02567	46.75	46.75	1.5	ANNUAL	SRCGP7	5	
594524.1	4129890	0.02599	46.9	46.9	1.5	ANNUAL	SRCGP7	5	
594544.3	4129890	0.02633	46.89	46.89	1.5	ANNUAL	SRCGP7	5	
594564.5	4129890	0.02663	47.07	47.07	1.5	ANNUAL	SRCGP7	5	
594584.7	4129890	0.02689	47.34	47.34	1.5	ANNUAL	SRCGP7	5	
594301.7	4129930	0.02366	47.08	47.08	1.5	ANNUAL	SRCGP7	5	
594321.9	4129930	0.02404	47.08	47.08	1.5	ANNUAL	SRCGP7	5	
594342.1	4129930	0.02442	47.21	47.21	1.5	ANNUAL	SRCGP7	5	
594362.3	4129930	0.02485	47.03	47.03	1.5	ANNUAL	SRCGP7	5	
594423	4129930	0.02614	46.87	46.87	1.5	ANNUAL	SRCGP7	5	
594443.2	4129930	0.02659	46.84	46.84	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594301.7	4129950	0.0245	47.11	47.11	1.5	ANNUAL	SRCGP7	5	
594321.9	4129950	0.02491	47.07	47.07	1.5	ANNUAL	SRCGP7	5	
594342.1	4129950	0.02532	47.14	47.14	1.5	ANNUAL	SRCGP7	5	
594362.3	4129950	0.02578	47.01	47.01	1.5	ANNUAL	SRCGP7	5	
594402.8	4129950	0.02671	46.87	46.87	1.5	ANNUAL	SRCGP7	5	
594423	4129950	0.02718	46.83	46.83	1.5	ANNUAL	SRCGP7	5	
594443.2	4129950	0.02766	46.82	46.82	1.5	ANNUAL	SRCGP7	5	
594463.4	4129950	0.02814	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594402.8	4129970	0.02774	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594423	4129970	0.02827	46.81	46.81	1.5	ANNUAL	SRCGP7	5	
594443.2	4129970	0.02878	46.87	46.87	1.5	ANNUAL	SRCGP7	5	
594463.4	4129970	0.02932	46.91	46.91	1.5	ANNUAL	SRCGP7	5	
594261.2	4129990	0.02551	46.96	46.96	1.5	ANNUAL	SRCGP7	5	
594281.4	4129990	0.02595	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594301.7	4129990	0.02641	46.76	46.76	1.5	ANNUAL	SRCGP7	5	
594321.9	4129990	0.02687	46.79	46.79	1.5	ANNUAL	SRCGP7	5	
594342.1	4129990	0.02737	46.63	46.63	1.5	ANNUAL	SRCGP7	5	
594362.3	4129990	0.02787	46.54	46.54	1.5	ANNUAL	SRCGP7	5	
594423	4129990	0.02941	46.79	46.79	1.5	ANNUAL	SRCGP7	5	
594443.2	4129990	0.02998	46.8	46.8	1.5	ANNUAL	SRCGP7	5	
594463.4	4129990	0.03055	46.86	46.86	1.5	ANNUAL	SRCGP7	5	
594342.1	4130010	0.02847	46.52	46.52	1.5	ANNUAL	SRCGP7	5	
594362.3	4130010	0.029	46.52	46.52	1.5	ANNUAL	SRCGP7	5	
594382.5	4130010	0.02957	46.4	46.4	1.5	ANNUAL	SRCGP7	5	
594423	4130010	0.03073	46.3	46.3	1.5	ANNUAL	SRCGP7	5	
594342.1	4130030	0.02967	46.06	46.06	1.5	ANNUAL	SRCGP7	5	
594362.3	4130030	0.03025	46.03	46.03	1.5	ANNUAL	SRCGP7	5	
594382.5	4130030	0.03084	46.1	46.1	1.5	ANNUAL	SRCGP7	5	
594423	4130030	0.03208	46.15	46.15	1.5	ANNUAL	SRCGP7	5	
594321.9	4130050	0.03029	46.11	46.11	1.5	ANNUAL	SRCGP7	5	
594342.1	4130050	0.03087	46.08	46.08	1.5	ANNUAL	SRCGP7	5	
594362.3	4130050	0.0315	46.02	46.02	1.5	ANNUAL	SRCGP7	5	
594382.5	4130050	0.03211	46.14	46.14	1.5	ANNUAL	SRCGP7	5	
594423	4130050	0.03344	46.25	46.25	1.5	ANNUAL	SRCGP7	5	
594443.2	4130050	0.03414	46.34	46.34	1.5	ANNUAL	SRCGP7	5	
594463.4	4130050	0.03487	46.36	46.36	1.5	ANNUAL	SRCGP7	5	
594443.2	4130090	0.03738	45.91	45.91	1.5	ANNUAL	SRCGP7	5	
594463.4	4130090	0.03822	46.05	46.05	1.5	ANNUAL	SRCGP7	5	
594321.9	4130110	0.03418	46.22	46.22	1.5	ANNUAL	SRCGP7	5	
594342.1	4130110	0.03492	46.15	46.15	1.5	ANNUAL	SRCGP7	5	
594362.3	4130110	0.03575	45.72	45.72	1.5	ANNUAL	SRCGP7	5	
594402.8	4130110	0.03736	45.82	45.82	1.5	ANNUAL	SRCGP7	5	
594423	4130110	0.0382	46.03	46.03	1.5	ANNUAL	SRCGP7	5	
594443.2	4130110	0.03911	45.98	45.98	1.5	ANNUAL	SRCGP7	5	
594463.4	4130110	0.04004	46.01	46.01	1.5	ANNUAL	SRCGP7	5	
594321.9	4130130	0.03568	45.91	45.91	1.5	ANNUAL	SRCGP7	5	
594342.1	4130130	0.03649	45.82	45.82	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594362.3	4130130	0.03736	45.47	45.47	1.5	ANNUAL	SRCGP7	5	
594402.8	4130130	0.03901	46.12	46.12	1.5	ANNUAL	SRCGP7	5	
594423	4130130	0.0399	46.34	46.34	1.5	ANNUAL	SRCGP7	5	
594443.2	4130130	0.04093	46.02	46.02	1.5	ANNUAL	SRCGP7	5	
594463.4	4130130	0.04199	45.86	45.86	1.5	ANNUAL	SRCGP7	5	
594321.9	4130150	0.03723	45.64	45.64	1.5	ANNUAL	SRCGP7	5	
594342.1	4130150	0.03811	45.56	45.56	1.5	ANNUAL	SRCGP7	5	
594362.3	4130150	0.03904	45.36	45.36	1.5	ANNUAL	SRCGP7	5	
594423	4130150	0.04172	46.7	46.7	1.5	ANNUAL	SRCGP7	5	
594443.2	4130150	0.04284	46.34	46.34	1.5	ANNUAL	SRCGP7	5	
594463.4	4130150	0.04396	46.24	46.24	1.5	ANNUAL	SRCGP7	5	
594483.6	4130150	0.04515	46.1	46.1	1.5	ANNUAL	SRCGP7	5	
594503.9	4130150	0.04637	46.02	46.02	1.5	ANNUAL	SRCGP7	5	
594524.1	4130150	0.04762	46.08	46.08	1.5	ANNUAL	SRCGP7	5	
594544.3	4130150	0.04899	45.96	45.96	1.5	ANNUAL	SRCGP7	5	
594564.5	4130150	0.05046	45.71	45.71	1.5	ANNUAL	SRCGP7	5	
594584.7	4130150	0.05198	45.58	45.58	1.5	ANNUAL	SRCGP7	5	
594301.7	4130170	0.03796	45.46	45.46	1.5	ANNUAL	SRCGP7	5	
594321.9	4130170	0.03887	45.36	45.36	1.5	ANNUAL	SRCGP7	5	
594342.1	4130170	0.0398	45.38	45.38	1.5	ANNUAL	SRCGP7	5	
594362.3	4130170	0.04076	45.44	45.44	1.5	ANNUAL	SRCGP7	5	
594423	4130170	0.04365	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594443.2	4130170	0.04482	46.77	46.77	1.5	ANNUAL	SRCGP7	5	
594463.4	4130170	0.04603	46.72	46.72	1.5	ANNUAL	SRCGP7	5	
594483.6	4130170	0.04729	46.67	46.67	1.5	ANNUAL	SRCGP7	5	
594503.9	4130170	0.04864	46.51	46.51	1.5	ANNUAL	SRCGP7	5	
594524.1	4130170	0.05005	46.41	46.41	1.5	ANNUAL	SRCGP7	5	
594544.3	4130170	0.05155	46.26	46.26	1.5	ANNUAL	SRCGP7	5	
594564.5	4130170	0.05319	45.88	45.88	1.5	ANNUAL	SRCGP7	5	
594790.3	4129652	0.01615	49.15	49.15	1.5	ANNUAL	SRCGP7	5	
594810.3	4129652	0.01664	49.15	49.15	1.5	ANNUAL	SRCGP7	5	
594830.3	4129652	0.0172	49.14	49.14	1.5	ANNUAL	SRCGP7	5	
594850.3	4129652	0.01782	49.18	49.18	1.5	ANNUAL	SRCGP7	5	
594870.3	4129652	0.01855	49.15	49.15	1.5	ANNUAL	SRCGP7	5	
594890.3	4129652	0.01938	48.97	48.97	1.5	ANNUAL	SRCGP7	5	
594910.3	4129652	0.0203	48.87	48.87	1.5	ANNUAL	SRCGP7	5	
594930.3	4129652	0.02134	48.81	48.81	1.5	ANNUAL	SRCGP7	5	
594950.3	4129652	0.02248	48.63	48.63	1.5	ANNUAL	SRCGP7	5	
594970.3	4129652	0.02377	48.49	48.49	1.5	ANNUAL	SRCGP7	5	
594990.3	4129652	0.02517	48.3	48.3	1.5	ANNUAL	SRCGP7	5	
595010.3	4129652	0.02669	48.05	48.05	1.5	ANNUAL	SRCGP7	5	
595030.3	4129652	0.02834	47.79	47.79	1.5	ANNUAL	SRCGP7	5	
595050.3	4129652	0.03002	47.99	47.99	1.5	ANNUAL	SRCGP7	5	
595070.3	4129652	0.03197	47.33	47.33	1.5	ANNUAL	SRCGP7	5	
595090.3	4129652	0.03392	47.35	47.35	1.5	ANNUAL	SRCGP7	5	
594790.3	4129672	0.01662	48.86	48.86	1.5	ANNUAL	SRCGP7	5	
594810.3	4129672	0.01708	48.93	48.93	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594830.3	4129672	0.01761	49.02	49.02	1.5	ANNUAL	SRCGP7	5	
594850.3	4129672	0.01824	48.97	48.97	1.5	ANNUAL	SRCGP7	5	
594870.3	4129672	0.01897	48.92	48.92	1.5	ANNUAL	SRCGP7	5	
594890.3	4129672	0.01978	48.94	48.94	1.5	ANNUAL	SRCGP7	5	
594910.3	4129672	0.02071	48.84	48.84	1.5	ANNUAL	SRCGP7	5	
594930.3	4129672	0.02178	48.65	48.65	1.5	ANNUAL	SRCGP7	5	
594950.3	4129672	0.02295	48.52	48.52	1.5	ANNUAL	SRCGP7	5	
594970.3	4129672	0.02425	48.41	48.41	1.5	ANNUAL	SRCGP7	5	
594990.3	4129672	0.02571	48.18	48.18	1.5	ANNUAL	SRCGP7	5	
595010.3	4129672	0.02731	47.83	47.83	1.5	ANNUAL	SRCGP7	5	
595030.3	4129672	0.02901	47.69	47.69	1.5	ANNUAL	SRCGP7	5	
595050.3	4129672	0.03081	47.68	47.68	1.5	ANNUAL	SRCGP7	5	
595090.3	4129672	0.03486	47.36	47.36	1.5	ANNUAL	SRCGP7	5	
594790.3	4129692	0.01712	48.71	48.71	1.5	ANNUAL	SRCGP7	5	
594810.3	4129692	0.01756	48.78	48.78	1.5	ANNUAL	SRCGP7	5	
594830.3	4129692	0.0181	48.73	48.73	1.5	ANNUAL	SRCGP7	5	
594850.3	4129692	0.01873	48.64	48.64	1.5	ANNUAL	SRCGP7	5	
594870.3	4129692	0.01944	48.64	48.64	1.5	ANNUAL	SRCGP7	5	
594890.3	4129692	0.02024	48.7	48.7	1.5	ANNUAL	SRCGP7	5	
594910.3	4129692	0.0212	48.55	48.55	1.5	ANNUAL	SRCGP7	5	
594930.3	4129692	0.02226	48.46	48.46	1.5	ANNUAL	SRCGP7	5	
594950.3	4129692	0.02348	48.21	48.21	1.5	ANNUAL	SRCGP7	5	
594970.3	4129692	0.02482	48.05	48.05	1.5	ANNUAL	SRCGP7	5	
594990.3	4129692	0.02628	48.06	48.06	1.5	ANNUAL	SRCGP7	5	
595010.3	4129692	0.02792	47.8	47.8	1.5	ANNUAL	SRCGP7	5	
595050.3	4129692	0.03161	47.51	47.51	1.5	ANNUAL	SRCGP7	5	
595070.3	4129692	0.03365	47.48	47.48	1.5	ANNUAL	SRCGP7	5	
595090.3	4129692	0.03587	47.23	47.23	1.5	ANNUAL	SRCGP7	5	
594790.3	4129712	0.01773	48.36	48.36	1.5	ANNUAL	SRCGP7	5	
594810.3	4129712	0.01815	48.42	48.42	1.5	ANNUAL	SRCGP7	5	
594830.3	4129712	0.01864	48.52	48.52	1.5	ANNUAL	SRCGP7	5	
594850.3	4129712	0.01928	48.29	48.29	1.5	ANNUAL	SRCGP7	5	
594870.3	4129712	0.01998	48.31	48.31	1.5	ANNUAL	SRCGP7	5	
594890.3	4129712	0.02075	48.53	48.53	1.5	ANNUAL	SRCGP7	5	
594910.3	4129712	0.02169	48.43	48.43	1.5	ANNUAL	SRCGP7	5	
594930.3	4129712	0.02278	48.27	48.27	1.5	ANNUAL	SRCGP7	5	
595050.3	4129712	0.03242	47.48	47.48	1.5	ANNUAL	SRCGP7	5	
595070.3	4129712	0.03457	47.39	47.39	1.5	ANNUAL	SRCGP7	5	
595090.3	4129712	0.03692	47.17	47.17	1.5	ANNUAL	SRCGP7	5	
595130.3	4129712	0.04224	46.45	46.45	1.5	ANNUAL	SRCGP7	5	
595150.3	4129712	0.04526	46.11	46.11	1.5	ANNUAL	SRCGP7	5	
595170.3	4129712	0.04858	45.84	45.84	1.5	ANNUAL	SRCGP7	5	
594790.3	4129732	0.01841	48.09	48.09	1.5	ANNUAL	SRCGP7	5	
594810.3	4129732	0.01878	48.25	48.25	1.5	ANNUAL	SRCGP7	5	
594830.3	4129732	0.01924	48.35	48.35	1.5	ANNUAL	SRCGP7	5	
594850.3	4129732	0.01983	48.33	48.33	1.5	ANNUAL	SRCGP7	5	
594870.3	4129732	0.02053	48.27	48.27	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594890.3	4129732	0.02133	48.27	48.27	1.5	ANNUAL	SRCGP7	5	
594910.3	4129732	0.02226	48.23	48.23	1.5	ANNUAL	SRCGP7	5	
594930.3	4129732	0.02337	47.98	47.98	1.5	ANNUAL	SRCGP7	5	
594950.3	4129732	0.02461	47.9	47.9	1.5	ANNUAL	SRCGP7	5	
594970.3	4129732	0.02599	47.8	47.8	1.5	ANNUAL	SRCGP7	5	
594990.3	4129732	0.02754	47.74	47.74	1.5	ANNUAL	SRCGP7	5	
595010.3	4129732	0.02926	47.7	47.7	1.5	ANNUAL	SRCGP7	5	
595050.3	4129732	0.03333	47.24	47.24	1.5	ANNUAL	SRCGP7	5	
595070.3	4129732	0.03556	47.26	47.26	1.5	ANNUAL	SRCGP7	5	
595090.3	4129732	0.038	47.2	47.2	1.5	ANNUAL	SRCGP7	5	
595130.3	4129732	0.04366	46.39	46.39	1.5	ANNUAL	SRCGP7	5	
595150.3	4129732	0.04693	45.88	45.88	1.5	ANNUAL	SRCGP7	5	
595210.3	4129732	0.05867	45.68	45.68	1.5	ANNUAL	SRCGP7	5	
595230.3	4129732	0.06365	45.67	45.67	1.5	ANNUAL	SRCGP7	5	
595270.3	4129732	0.07625	45.17	45.17	1.5	ANNUAL	SRCGP7	5	
595290.3	4129732	0.0838	44.96	44.96	1.5	ANNUAL	SRCGP7	5	
594470.3	4129752	0.01856	47.62	47.62	1.5	ANNUAL	SRCGP7	5	
594490.3	4129752	0.01859	47.72	47.72	1.5	ANNUAL	SRCGP7	5	
594510.3	4129752	0.01861	47.78	47.78	1.5	ANNUAL	SRCGP7	5	
594530.3	4129752	0.01861	47.86	47.86	1.5	ANNUAL	SRCGP7	5	
594550.3	4129752	0.01862	47.58	47.58	1.5	ANNUAL	SRCGP7	5	
594570.3	4129752	0.0186	47.65	47.65	1.5	ANNUAL	SRCGP7	5	
594590.3	4129752	0.01856	47.72	47.72	1.5	ANNUAL	SRCGP7	5	
594790.3	4129752	0.01918	47.91	47.91	1.5	ANNUAL	SRCGP7	5	
594810.3	4129752	0.01952	48.01	48.01	1.5	ANNUAL	SRCGP7	5	
594830.3	4129752	0.01996	48.09	48.09	1.5	ANNUAL	SRCGP7	5	
594850.3	4129752	0.02053	47.99	47.99	1.5	ANNUAL	SRCGP7	5	
594870.3	4129752	0.02115	48.14	48.14	1.5	ANNUAL	SRCGP7	5	
594890.3	4129752	0.02194	48.2	48.2	1.5	ANNUAL	SRCGP7	5	
594910.3	4129752	0.02286	48.12	48.12	1.5	ANNUAL	SRCGP7	5	
594930.3	4129752	0.02395	48	48	1.5	ANNUAL	SRCGP7	5	
594950.3	4129752	0.02518	47.94	47.94	1.5	ANNUAL	SRCGP7	5	
594970.3	4129752	0.0266	47.89	47.89	1.5	ANNUAL	SRCGP7	5	
594990.3	4129752	0.0282	47.75	47.75	1.5	ANNUAL	SRCGP7	5	
595010.3	4129752	0.03002	47.52	47.52	1.5	ANNUAL	SRCGP7	5	
595050.3	4129752	0.03425	47.09	47.09	1.5	ANNUAL	SRCGP7	5	
595070.3	4129752	0.03662	47.06	47.06	1.5	ANNUAL	SRCGP7	5	
595090.3	4129752	0.03921	46.95	46.95	1.5	ANNUAL	SRCGP7	5	
595170.3	4129752	0.05235	45.71	45.71	1.5	ANNUAL	SRCGP7	5	
595190.3	4129752	0.05645	45.71	45.71	1.5	ANNUAL	SRCGP7	5	
595210.3	4129752	0.06113	45.65	45.65	1.5	ANNUAL	SRCGP7	5	
595230.3	4129752	0.06644	45.65	45.65	1.5	ANNUAL	SRCGP7	5	
595270.3	4129752	0.0798	45.33	45.33	1.5	ANNUAL	SRCGP7	5	
595290.3	4129752	0.08801	45.04	45.04	1.5	ANNUAL	SRCGP7	5	
594470.3	4129772	0.01945	47.2	47.2	1.5	ANNUAL	SRCGP7	5	
594490.3	4129772	0.01951	47.61	47.61	1.5	ANNUAL	SRCGP7	5	
594510.3	4129772	0.01959	47.36	47.36	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594530.3	4129772	0.01961	47.53	47.53	1.5	ANNUAL	SRCGP7	5	
594550.3	4129772	0.01964	47.29	47.29	1.5	ANNUAL	SRCGP7	5	
594570.3	4129772	0.01963	47.46	47.46	1.5	ANNUAL	SRCGP7	5	
594590.3	4129772	0.01962	47.57	47.57	1.5	ANNUAL	SRCGP7	5	
594790.3	4129772	0.02006	47.83	47.83	1.5	ANNUAL	SRCGP7	5	
594810.3	4129772	0.02034	48.01	48.01	1.5	ANNUAL	SRCGP7	5	
594830.3	4129772	0.02074	48.02	48.02	1.5	ANNUAL	SRCGP7	5	
594850.3	4129772	0.02122	48.17	48.17	1.5	ANNUAL	SRCGP7	5	
594870.3	4129772	0.02189	48	48	1.5	ANNUAL	SRCGP7	5	
594890.3	4129772	0.02264	48.02	48.02	1.5	ANNUAL	SRCGP7	5	
594910.3	4129772	0.02368	47.42	47.42	1.5	ANNUAL	SRCGP7	5	
594930.3	4129772	0.02478	47.27	47.27	1.5	ANNUAL	SRCGP7	5	
594950.3	4129772	0.02599	47.33	47.33	1.5	ANNUAL	SRCGP7	5	
594970.3	4129772	0.02742	47.3	47.3	1.5	ANNUAL	SRCGP7	5	
594990.3	4129772	0.02899	47.45	47.45	1.5	ANNUAL	SRCGP7	5	
595010.3	4129772	0.03084	47.36	47.36	1.5	ANNUAL	SRCGP7	5	
595050.3	4129772	0.0352	47.02	47.02	1.5	ANNUAL	SRCGP7	5	
595070.3	4129772	0.03773	46.92	46.92	1.5	ANNUAL	SRCGP7	5	
595090.3	4129772	0.04042	46.95	46.95	1.5	ANNUAL	SRCGP7	5	
595170.3	4129772	0.05439	45.71	45.71	1.5	ANNUAL	SRCGP7	5	
595190.3	4129772	0.05878	45.67	45.67	1.5	ANNUAL	SRCGP7	5	
595230.3	4129772	0.06945	45.62	45.62	1.5	ANNUAL	SRCGP7	5	
595250.3	4129772	0.07592	45.71	45.71	1.5	ANNUAL	SRCGP7	5	
595270.3	4129772	0.08358	45.55	45.55	1.5	ANNUAL	SRCGP7	5	
595290.3	4129772	0.09251	45.19	45.19	1.5	ANNUAL	SRCGP7	5	
594470.3	4129792	0.02034	47.17	47.17	1.5	ANNUAL	SRCGP7	5	
594490.3	4129792	0.02047	47.06	47.06	1.5	ANNUAL	SRCGP7	5	
594510.3	4129792	0.02058	47.13	47.13	1.5	ANNUAL	SRCGP7	5	
594530.3	4129792	0.02065	47.12	47.12	1.5	ANNUAL	SRCGP7	5	
594550.3	4129792	0.02068	47.37	47.37	1.5	ANNUAL	SRCGP7	5	
594570.3	4129792	0.02073	47.24	47.24	1.5	ANNUAL	SRCGP7	5	
594590.3	4129792	0.02076	47.24	47.24	1.5	ANNUAL	SRCGP7	5	
594610.3	4129792	0.02075	47.37	47.37	1.5	ANNUAL	SRCGP7	5	
594790.3	4129792	0.02105	47.83	47.83	1.5	ANNUAL	SRCGP7	5	
594810.3	4129792	0.02127	48.06	48.06	1.5	ANNUAL	SRCGP7	5	
594830.3	4129792	0.02163	48.04	48.04	1.5	ANNUAL	SRCGP7	5	
594850.3	4129792	0.02215	47.82	47.82	1.5	ANNUAL	SRCGP7	5	
594870.3	4129792	0.0227	47.94	47.94	1.5	ANNUAL	SRCGP7	5	
594890.3	4129792	0.02346	47.84	47.84	1.5	ANNUAL	SRCGP7	5	
594930.3	4129792	0.02553	47.26	47.26	1.5	ANNUAL	SRCGP7	5	
594950.3	4129792	0.02673	47.35	47.35	1.5	ANNUAL	SRCGP7	5	
594970.3	4129792	0.02817	47.3	47.3	1.5	ANNUAL	SRCGP7	5	
594990.3	4129792	0.02987	47.1	47.1	1.5	ANNUAL	SRCGP7	5	
595010.3	4129792	0.03179	46.9	46.9	1.5	ANNUAL	SRCGP7	5	
595050.3	4129792	0.03626	46.86	46.86	1.5	ANNUAL	SRCGP7	5	
595070.3	4129792	0.03889	46.79	46.79	1.5	ANNUAL	SRCGP7	5	
595090.3	4129792	0.04178	46.69	46.69	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129792	0.06126	45.69	45.69	1.5	ANNUAL	SRCGP7	5	
595210.3	4129792	0.06657	45.67	45.67	1.5	ANNUAL	SRCGP7	5	
595230.3	4129792	0.07263	45.68	45.68	1.5	ANNUAL	SRCGP7	5	
595250.3	4129792	0.07969	45.65	45.65	1.5	ANNUAL	SRCGP7	5	
595270.3	4129792	0.08814	45.31	45.31	1.5	ANNUAL	SRCGP7	5	
595290.3	4129792	0.09784	44.96	44.96	1.5	ANNUAL	SRCGP7	5	
595310.3	4129792	0.10831	45	45	1.5	ANNUAL	SRCGP7	5	
595330.3	4129792	0.12018	44.84	44.84	1.5	ANNUAL	SRCGP7	5	
594470.3	4129812	0.02128	47.07	47.07	1.5	ANNUAL	SRCGP7	5	
594490.3	4129812	0.02145	46.93	46.93	1.5	ANNUAL	SRCGP7	5	
594510.3	4129812	0.02156	47.1	47.1	1.5	ANNUAL	SRCGP7	5	
594530.3	4129812	0.02168	47.07	47.07	1.5	ANNUAL	SRCGP7	5	
594550.3	4129812	0.02179	47.3	47.3	1.5	ANNUAL	SRCGP7	5	
594570.3	4129812	0.02188	47.27	47.27	1.5	ANNUAL	SRCGP7	5	
594590.3	4129812	0.02192	47.43	47.43	1.5	ANNUAL	SRCGP7	5	
594610.3	4129812	0.02194	47.37	47.37	1.5	ANNUAL	SRCGP7	5	
594790.3	4129812	0.02222	47.62	47.62	1.5	ANNUAL	SRCGP7	5	
594810.3	4129812	0.02242	47.77	47.77	1.5	ANNUAL	SRCGP7	5	
594830.3	4129812	0.02272	47.8	47.8	1.5	ANNUAL	SRCGP7	5	
594850.3	4129812	0.02319	47.57	47.57	1.5	ANNUAL	SRCGP7	5	
594870.3	4129812	0.02373	47.61	47.61	1.5	ANNUAL	SRCGP7	5	
594890.3	4129812	0.02441	47.6	47.6	1.5	ANNUAL	SRCGP7	5	
594950.3	4129812	0.02758	47.26	47.26	1.5	ANNUAL	SRCGP7	5	
594970.3	4129812	0.02902	47.24	47.24	1.5	ANNUAL	SRCGP7	5	
594990.3	4129812	0.03079	46.89	46.89	1.5	ANNUAL	SRCGP7	5	
595010.3	4129812	0.03272	46.8	46.8	1.5	ANNUAL	SRCGP7	5	
595050.3	4129812	0.03737	46.75	46.75	1.5	ANNUAL	SRCGP7	5	
595070.3	4129812	0.04013	46.65	46.65	1.5	ANNUAL	SRCGP7	5	
595090.3	4129812	0.04317	46.6	46.6	1.5	ANNUAL	SRCGP7	5	
595190.3	4129812	0.06393	45.68	45.68	1.5	ANNUAL	SRCGP7	5	
595210.3	4129812	0.06961	45.67	45.67	1.5	ANNUAL	SRCGP7	5	
595250.3	4129812	0.08427	45.08	45.08	1.5	ANNUAL	SRCGP7	5	
595270.3	4129812	0.09308	45.11	45.11	1.5	ANNUAL	SRCGP7	5	
595310.3	4129812	0.11485	44.98	44.98	1.5	ANNUAL	SRCGP7	5	
595350.3	4129812	0.14613	44.65	44.65	1.5	ANNUAL	SRCGP7	5	
594790.3	4129832	0.02353	47.56	47.56	1.5	ANNUAL	SRCGP7	5	
594810.3	4129832	0.02368	47.71	47.71	1.5	ANNUAL	SRCGP7	5	
594830.3	4129832	0.02393	47.77	47.77	1.5	ANNUAL	SRCGP7	5	
594850.3	4129832	0.02437	47.45	47.45	1.5	ANNUAL	SRCGP7	5	
594870.3	4129832	0.02483	47.58	47.58	1.5	ANNUAL	SRCGP7	5	
594890.3	4129832	0.02549	47.48	47.48	1.5	ANNUAL	SRCGP7	5	
594950.3	4129832	0.0285	47.32	47.32	1.5	ANNUAL	SRCGP7	5	
594970.3	4129832	0.02995	47.23	47.23	1.5	ANNUAL	SRCGP7	5	
594990.3	4129832	0.03181	46.71	46.71	1.5	ANNUAL	SRCGP7	5	
595010.3	4129832	0.03376	46.66	46.66	1.5	ANNUAL	SRCGP7	5	
595050.3	4129832	0.03859	46.55	46.55	1.5	ANNUAL	SRCGP7	5	
595070.3	4129832	0.04148	46.46	46.46	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595090.3	4129832	0.04468	46.43	46.43	1.5	ANNUAL	SRCGP7	5	
595270.3	4129832	0.09841	44.97	44.97	1.5	ANNUAL	SRCGP7	5	
595310.3	4129832	0.12223	44.84	44.84	1.5	ANNUAL	SRCGP7	5	
595330.3	4129832	0.13639	44.79	44.79	1.5	ANNUAL	SRCGP7	5	
595350.3	4129832	0.15641	44.68	44.68	1.5	ANNUAL	SRCGP7	5	
594790.3	4129852	0.02501	47.59	47.59	1.5	ANNUAL	SRCGP7	5	
594810.3	4129852	0.0251	47.75	47.75	1.5	ANNUAL	SRCGP7	5	
594830.3	4129852	0.02541	47.4	47.4	1.5	ANNUAL	SRCGP7	5	
594850.3	4129852	0.02578	47.26	47.26	1.5	ANNUAL	SRCGP7	5	
594870.3	4129852	0.02623	47.17	47.17	1.5	ANNUAL	SRCGP7	5	
594890.3	4129852	0.02678	47.24	47.24	1.5	ANNUAL	SRCGP7	5	
594950.3	4129852	0.02966	47.11	47.11	1.5	ANNUAL	SRCGP7	5	
594970.3	4129852	0.03113	46.87	46.87	1.5	ANNUAL	SRCGP7	5	
594990.3	4129852	0.03291	46.56	46.56	1.5	ANNUAL	SRCGP7	5	
595010.3	4129852	0.03489	46.6	46.6	1.5	ANNUAL	SRCGP7	5	
595050.3	4129852	0.03988	46.44	46.44	1.5	ANNUAL	SRCGP7	5	
595070.3	4129852	0.04292	46.32	46.32	1.5	ANNUAL	SRCGP7	5	
595090.3	4129852	0.04628	46.32	46.32	1.5	ANNUAL	SRCGP7	5	
595290.3	4129852	0.11615	44.98	44.98	1.5	ANNUAL	SRCGP7	5	
595310.3	4129852	0.13016	44.85	44.85	1.5	ANNUAL	SRCGP7	5	
595330.3	4129852	0.14572	44.84	44.84	1.5	ANNUAL	SRCGP7	5	
594790.3	4129912	0.03084	46.78	46.78	1.5	ANNUAL	SRCGP7	5	
594810.3	4129912	0.03088	47.19	47.19	1.5	ANNUAL	SRCGP7	5	
594830.3	4129912	0.03106	47.09	47.09	1.5	ANNUAL	SRCGP7	5	
594850.3	4129912	0.03138	46.7	46.7	1.5	ANNUAL	SRCGP7	5	
594870.3	4129912	0.03164	46.74	46.74	1.5	ANNUAL	SRCGP7	5	
594890.3	4129912	0.03207	46.6	46.6	1.5	ANNUAL	SRCGP7	5	
594910.3	4129912	0.03264	46.52	46.52	1.5	ANNUAL	SRCGP7	5	
594930.3	4129912	0.03345	46.39	46.39	1.5	ANNUAL	SRCGP7	5	
594950.3	4129912	0.03451	46.19	46.19	1.5	ANNUAL	SRCGP7	5	
594970.3	4129912	0.03586	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
594990.3	4129912	0.03755	45.75	45.75	1.5	ANNUAL	SRCGP7	5	
595010.3	4129912	0.03935	46.09	46.09	1.5	ANNUAL	SRCGP7	5	
595030.3	4129912	0.04179	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
595050.3	4129912	0.04469	45.89	45.89	1.5	ANNUAL	SRCGP7	5	
595090.3	4129912	0.05213	45.52	45.52	1.5	ANNUAL	SRCGP7	5	
595110.3	4129912	0.05656	45.59	45.59	1.5	ANNUAL	SRCGP7	5	
595130.3	4129912	0.06168	45.47	45.47	1.5	ANNUAL	SRCGP7	5	
595150.3	4129912	0.06737	45.48	45.48	1.5	ANNUAL	SRCGP7	5	
595170.3	4129912	0.07378	45.47	45.47	1.5	ANNUAL	SRCGP7	5	
595190.3	4129912	0.081	45.48	45.48	1.5	ANNUAL	SRCGP7	5	
595210.3	4129912	0.08948	45.3	45.3	1.5	ANNUAL	SRCGP7	5	
595230.3	4129912	0.10349	44.69	44.69	1.5	ANNUAL	SRCGP7	5	
595250.3	4129912	0.11578	44.65	44.65	1.5	ANNUAL	SRCGP7	5	
595270.3	4129912	0.13019	44.61	44.61	1.5	ANNUAL	SRCGP7	5	
595290.3	4129912	0.14083	44.94	44.94	1.5	ANNUAL	SRCGP7	5	
595310.3	4129912	0.16636	44.34	44.34	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595330.3	4129912	0.18851	44.06	44.06	1.5	ANNUAL	SRCGP7	5	
595350.3	4129912	0.21238	44.33	44.33	1.5	ANNUAL	SRCGP7	5	
595370.3	4129912	0.23924	44.2	44.2	1.5	ANNUAL	SRCGP7	5	
595390.3	4129912	0.26855	44.02	44.02	1.5	ANNUAL	SRCGP7	5	
595430.3	4129912	0.33395	43.83	43.83	1.5	ANNUAL	SRCGP7	5	
595450.3	4129912	0.36992	44.05	44.05	1.5	ANNUAL	SRCGP7	5	
594790.3	4129932	0.03326	46.42	46.42	1.5	ANNUAL	SRCGP7	5	
594810.3	4129932	0.0334	46.53	46.53	1.5	ANNUAL	SRCGP7	5	
594830.3	4129932	0.03358	46.45	46.45	1.5	ANNUAL	SRCGP7	5	
594850.3	4129932	0.03385	46.31	46.31	1.5	ANNUAL	SRCGP7	5	
594870.3	4129932	0.03417	46.16	46.16	1.5	ANNUAL	SRCGP7	5	
594890.3	4129932	0.03457	46.11	46.11	1.5	ANNUAL	SRCGP7	5	
594910.3	4129932	0.0352	45.73	45.73	1.5	ANNUAL	SRCGP7	5	
594930.3	4129932	0.03582	45.86	45.86	1.5	ANNUAL	SRCGP7	5	
594950.3	4129932	0.03681	45.7	45.7	1.5	ANNUAL	SRCGP7	5	
594970.3	4129932	0.03812	45.49	45.49	1.5	ANNUAL	SRCGP7	5	
594990.3	4129932	0.03961	45.55	45.55	1.5	ANNUAL	SRCGP7	5	
595010.3	4129932	0.0415	45.59	45.59	1.5	ANNUAL	SRCGP7	5	
595030.3	4129932	0.04402	45.35	45.35	1.5	ANNUAL	SRCGP7	5	
595050.3	4129932	0.04687	45.43	45.43	1.5	ANNUAL	SRCGP7	5	
595090.3	4129932	0.05443	45.36	45.36	1.5	ANNUAL	SRCGP7	5	
595110.3	4129932	0.05915	45.32	45.32	1.5	ANNUAL	SRCGP7	5	
595130.3	4129932	0.06463	45.21	45.21	1.5	ANNUAL	SRCGP7	5	
595150.3	4129932	0.07067	45.32	45.32	1.5	ANNUAL	SRCGP7	5	
595170.3	4129932	0.0776	45.32	45.32	1.5	ANNUAL	SRCGP7	5	
595190.3	4129932	0.08561	45.14	45.14	1.5	ANNUAL	SRCGP7	5	
595210.3	4129932	0.09479	45.04	45.04	1.5	ANNUAL	SRCGP7	5	
595250.3	4129932	0.11834	44.8	44.8	1.5	ANNUAL	SRCGP7	5	
595270.3	4129932	0.13343	44.78	44.78	1.5	ANNUAL	SRCGP7	5	
595290.3	4129932	0.15775	44.41	44.41	1.5	ANNUAL	SRCGP7	5	
595310.3	4129932	0.17949	44.2	44.2	1.5	ANNUAL	SRCGP7	5	
595330.3	4129932	0.20441	43.93	43.93	1.5	ANNUAL	SRCGP7	5	
595350.3	4129932	0.23145	44.19	44.19	1.5	ANNUAL	SRCGP7	5	
595370.3	4129932	0.26255	43.79	43.79	1.5	ANNUAL	SRCGP7	5	
595390.3	4129932	0.29549	43.87	43.87	1.5	ANNUAL	SRCGP7	5	
595430.3	4129932	0.37064	43.72	43.72	1.5	ANNUAL	SRCGP7	5	
595450.3	4129932	0.41281	43.8	43.8	1.5	ANNUAL	SRCGP7	5	
594790.3	4129952	0.03579	46.19	46.19	1.5	ANNUAL	SRCGP7	5	
594810.3	4129952	0.03608	46.14	46.14	1.5	ANNUAL	SRCGP7	5	
594830.3	4129952	0.03634	46.03	46.03	1.5	ANNUAL	SRCGP7	5	
594850.3	4129952	0.03661	45.97	45.97	1.5	ANNUAL	SRCGP7	5	
594870.3	4129952	0.03696	45.84	45.84	1.5	ANNUAL	SRCGP7	5	
594890.3	4129952	0.03734	45.76	45.76	1.5	ANNUAL	SRCGP7	5	
594910.3	4129952	0.03783	45.76	45.76	1.5	ANNUAL	SRCGP7	5	
594930.3	4129952	0.03852	45.58	45.58	1.5	ANNUAL	SRCGP7	5	
594950.3	4129952	0.0394	45.45	45.45	1.5	ANNUAL	SRCGP7	5	
594970.3	4129952	0.04055	45.38	45.38	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.3	4129952	0.04204	45.36	45.36	1.5	ANNUAL	SRCGP7	5	
595010.3	4129952	0.04395	45.25	45.25	1.5	ANNUAL	SRCGP7	5	
595030.3	4129952	0.04631	45.2	45.2	1.5	ANNUAL	SRCGP7	5	
595050.3	4129952	0.04924	45.2	45.2	1.5	ANNUAL	SRCGP7	5	
595090.3	4129952	0.05698	45.21	45.21	1.5	ANNUAL	SRCGP7	5	
595110.3	4129952	0.06189	45.27	45.27	1.5	ANNUAL	SRCGP7	5	
595130.3	4129952	0.06779	45.04	45.04	1.5	ANNUAL	SRCGP7	5	
595150.3	4129952	0.07427	45.17	45.17	1.5	ANNUAL	SRCGP7	5	
595170.3	4129952	0.08189	45.02	45.02	1.5	ANNUAL	SRCGP7	5	
595190.3	4129952	0.09351	44.64	44.64	1.5	ANNUAL	SRCGP7	5	
595210.3	4129952	0.10414	44.5	44.5	1.5	ANNUAL	SRCGP7	5	
595250.3	4129952	0.1261	44.82	44.82	1.5	ANNUAL	SRCGP7	5	
595290.3	4129952	0.16951	44.55	44.55	1.5	ANNUAL	SRCGP7	5	
595310.3	4129952	0.194	44.27	44.27	1.5	ANNUAL	SRCGP7	5	
595330.3	4129952	0.22243	43.85	43.85	1.5	ANNUAL	SRCGP7	5	
595350.3	4129952	0.25314	44.14	44.14	1.5	ANNUAL	SRCGP7	5	
595370.3	4129952	0.28832	43.91	43.91	1.5	ANNUAL	SRCGP7	5	
595390.3	4129952	0.32655	43.82	43.82	1.5	ANNUAL	SRCGP7	5	
595430.3	4129952	0.41399	43.56	43.56	1.5	ANNUAL	SRCGP7	5	
595450.3	4129952	0.46336	43.64	43.64	1.5	ANNUAL	SRCGP7	5	
594510.3	4129972	0.03076	46.83	46.83	1.5	ANNUAL	SRCGP7	5	
594530.3	4129972	0.0313	47.03	47.03	1.5	ANNUAL	SRCGP7	5	
594550.3	4129972	0.03189	46.99	46.99	1.5	ANNUAL	SRCGP7	5	
595090.3	4129972	0.05989	45.01	45.01	1.5	ANNUAL	SRCGP7	5	
595110.3	4129972	0.06516	44.91	44.91	1.5	ANNUAL	SRCGP7	5	
595130.3	4129972	0.07127	44.88	44.88	1.5	ANNUAL	SRCGP7	5	
595150.3	4129972	0.07825	44.99	44.99	1.5	ANNUAL	SRCGP7	5	
595170.3	4129972	0.08657	44.78	44.78	1.5	ANNUAL	SRCGP7	5	
595190.3	4129972	0.09901	44.54	44.54	1.5	ANNUAL	SRCGP7	5	
595210.3	4129972	0.11046	44.57	44.57	1.5	ANNUAL	SRCGP7	5	
595230.3	4129972	0.12429	44.35	44.35	1.5	ANNUAL	SRCGP7	5	
595250.3	4129972	0.13471	44.85	44.85	1.5	ANNUAL	SRCGP7	5	
595270.3	4129972	0.15963	44.7	44.7	1.5	ANNUAL	SRCGP7	5	
595290.3	4129972	0.18334	44.28	44.28	1.5	ANNUAL	SRCGP7	5	
595310.3	4129972	0.21093	44.07	44.07	1.5	ANNUAL	SRCGP7	5	
595330.3	4129972	0.24321	43.7	43.7	1.5	ANNUAL	SRCGP7	5	
595350.3	4129972	0.27834	44.02	44.02	1.5	ANNUAL	SRCGP7	5	
595370.3	4129972	0.31862	43.88	43.88	1.5	ANNUAL	SRCGP7	5	
595390.3	4129972	0.36312	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595430.3	4129972	0.46519	43.48	43.48	1.5	ANNUAL	SRCGP7	5	
595450.3	4129972	0.52343	43.56	43.56	1.5	ANNUAL	SRCGP7	5	
594510.3	4129992	0.03213	46.81	46.81	1.5	ANNUAL	SRCGP7	5	
594530.3	4129992	0.03276	46.88	46.88	1.5	ANNUAL	SRCGP7	5	
594550.3	4129992	0.03339	46.99	46.99	1.5	ANNUAL	SRCGP7	5	
594790.3	4129992	0.04149	45.96	45.96	1.5	ANNUAL	SRCGP7	5	
594810.3	4129992	0.042	46.02	46.02	1.5	ANNUAL	SRCGP7	5	
594830.3	4129992	0.04246	45.97	45.97	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594850.3	4129992	0.04293	45.88	45.88	1.5	ANNUAL	SRCGP7	5	
594870.3	4129992	0.04339	45.78	45.78	1.5	ANNUAL	SRCGP7	5	
594890.3	4129992	0.04388	45.68	45.68	1.5	ANNUAL	SRCGP7	5	
594910.3	4129992	0.04446	45.53	45.53	1.5	ANNUAL	SRCGP7	5	
594930.3	4129992	0.04507	45.47	45.47	1.5	ANNUAL	SRCGP7	5	
594950.3	4129992	0.04586	45.34	45.34	1.5	ANNUAL	SRCGP7	5	
594970.3	4129992	0.04692	45.21	45.21	1.5	ANNUAL	SRCGP7	5	
595010.3	4129992	0.05	45.01	45.01	1.5	ANNUAL	SRCGP7	5	
595030.3	4129992	0.05224	45	45	1.5	ANNUAL	SRCGP7	5	
595050.3	4129992	0.0551	44.95	44.95	1.5	ANNUAL	SRCGP7	5	
595090.3	4129992	0.06328	44.79	44.79	1.5	ANNUAL	SRCGP7	5	
595110.3	4129992	0.06864	44.8	44.8	1.5	ANNUAL	SRCGP7	5	
595130.3	4129992	0.07516	44.73	44.73	1.5	ANNUAL	SRCGP7	5	
595150.3	4129992	0.08269	44.77	44.77	1.5	ANNUAL	SRCGP7	5	
595170.3	4129992	0.09456	44.48	44.48	1.5	ANNUAL	SRCGP7	5	
595190.3	4129992	0.10499	44.6	44.6	1.5	ANNUAL	SRCGP7	5	
595210.3	4129992	0.1175	44.58	44.58	1.5	ANNUAL	SRCGP7	5	
595230.3	4129992	0.13277	44.27	44.27	1.5	ANNUAL	SRCGP7	5	
595250.3	4129992	0.15069	44.36	44.36	1.5	ANNUAL	SRCGP7	5	
595270.3	4129992	0.17249	44.3	44.3	1.5	ANNUAL	SRCGP7	5	
595290.3	4129992	0.19911	43.97	43.97	1.5	ANNUAL	SRCGP7	5	
595310.3	4129992	0.23016	43.94	43.94	1.5	ANNUAL	SRCGP7	5	
595330.3	4129992	0.26699	43.63	43.63	1.5	ANNUAL	SRCGP7	5	
595350.3	4129992	0.30762	43.91	43.91	1.5	ANNUAL	SRCGP7	5	
595370.3	4129992	0.35409	43.86	43.86	1.5	ANNUAL	SRCGP7	5	
595390.3	4129992	0.40578	43.75	43.75	1.5	ANNUAL	SRCGP7	5	
595430.3	4129992	0.52665	43.39	43.39	1.5	ANNUAL	SRCGP7	5	
595450.3	4129992	0.59584	43.51	43.51	1.5	ANNUAL	SRCGP7	5	
594510.3	4130012	0.03357	46.78	46.78	1.5	ANNUAL	SRCGP7	5	
594550.3	4130012	0.035	46.82	46.82	1.5	ANNUAL	SRCGP7	5	
594790.3	4130012	0.04464	45.75	45.75	1.5	ANNUAL	SRCGP7	5	
594810.3	4130012	0.0453	45.92	45.92	1.5	ANNUAL	SRCGP7	5	
594830.3	4130012	0.04601	45.75	45.75	1.5	ANNUAL	SRCGP7	5	
594850.3	4130012	0.04667	45.64	45.64	1.5	ANNUAL	SRCGP7	5	
594870.3	4130012	0.04729	45.52	45.52	1.5	ANNUAL	SRCGP7	5	
594890.3	4130012	0.04785	45.5	45.5	1.5	ANNUAL	SRCGP7	5	
594910.3	4130012	0.04849	45.39	45.39	1.5	ANNUAL	SRCGP7	5	
594930.3	4130012	0.04916	45.34	45.34	1.5	ANNUAL	SRCGP7	5	
594950.3	4130012	0.05001	45.17	45.17	1.5	ANNUAL	SRCGP7	5	
594970.3	4130012	0.05102	45.04	45.04	1.5	ANNUAL	SRCGP7	5	
595010.3	4130012	0.05396	44.88	44.88	1.5	ANNUAL	SRCGP7	5	
595030.3	4130012	0.05605	44.92	44.92	1.5	ANNUAL	SRCGP7	5	
595050.3	4130012	0.05893	44.79	44.79	1.5	ANNUAL	SRCGP7	5	
595090.3	4130012	0.06699	44.78	44.78	1.5	ANNUAL	SRCGP7	5	
595110.3	4130012	0.07606	44.66	44.66	1.5	ANNUAL	SRCGP7	5	
595150.3	4130012	0.0909	44.36	44.36	1.5	ANNUAL	SRCGP7	5	
595170.3	4130012	0.10047	44.37	44.37	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595230.3	4130012	0.14219	44.26	44.26	1.5	ANNUAL	SRCGP7	5	
595250.3	4130012	0.16199	44.4	44.4	1.5	ANNUAL	SRCGP7	5	
595270.3	4130012	0.18661	44.19	44.19	1.5	ANNUAL	SRCGP7	5	
595290.3	4130012	0.21686	43.8	43.8	1.5	ANNUAL	SRCGP7	5	
595310.3	4130012	0.2525	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595330.3	4130012	0.29469	43.53	43.53	1.5	ANNUAL	SRCGP7	5	
595350.3	4130012	0.34184	43.83	43.83	1.5	ANNUAL	SRCGP7	5	
595370.3	4130012	0.39631	43.76	43.76	1.5	ANNUAL	SRCGP7	5	
595390.3	4130012	0.45709	43.68	43.68	1.5	ANNUAL	SRCGP7	5	
595430.3	4130012	0.60123	43.29	43.29	1.5	ANNUAL	SRCGP7	5	
595450.3	4130012	0.68455	43.42	43.42	1.5	ANNUAL	SRCGP7	5	
594490.3	4130032	0.03448	46.29	46.29	1.5	ANNUAL	SRCGP7	5	
594510.3	4130032	0.03516	46.59	46.59	1.5	ANNUAL	SRCGP7	5	
594530.3	4130032	0.03592	46.58	46.58	1.5	ANNUAL	SRCGP7	5	
594570.3	4130032	0.03754	46.62	46.62	1.5	ANNUAL	SRCGP7	5	
594790.3	4130032	0.04805	45.51	45.51	1.5	ANNUAL	SRCGP7	5	
594810.3	4130032	0.04893	45.54	45.54	1.5	ANNUAL	SRCGP7	5	
594830.3	4130032	0.04983	45.44	45.44	1.5	ANNUAL	SRCGP7	5	
594850.3	4130032	0.05069	45.41	45.41	1.5	ANNUAL	SRCGP7	5	
594870.3	4130032	0.05153	45.28	45.28	1.5	ANNUAL	SRCGP7	5	
594890.3	4130032	0.0523	45.26	45.26	1.5	ANNUAL	SRCGP7	5	
594910.3	4130032	0.05309	45.12	45.12	1.5	ANNUAL	SRCGP7	5	
594930.3	4130032	0.05394	45.07	45.07	1.5	ANNUAL	SRCGP7	5	
594950.3	4130032	0.05489	44.88	44.88	1.5	ANNUAL	SRCGP7	5	
594970.3	4130032	0.0559	44.82	44.82	1.5	ANNUAL	SRCGP7	5	
595010.3	4130032	0.06177	44.66	44.66	1.5	ANNUAL	SRCGP7	5	
595030.3	4130032	0.0642	44.63	44.63	1.5	ANNUAL	SRCGP7	5	
595050.3	4130032	0.06712	44.62	44.62	1.5	ANNUAL	SRCGP7	5	
595090.3	4130032	0.0755	44.44	44.44	1.5	ANNUAL	SRCGP7	5	
595150.3	4130032	0.0969	44.17	44.17	1.5	ANNUAL	SRCGP7	5	
595170.3	4130032	0.1072	44.19	44.19	1.5	ANNUAL	SRCGP7	5	
595230.3	4130032	0.15296	44.09	44.09	1.5	ANNUAL	SRCGP7	5	
595250.3	4130032	0.175	44.27	44.27	1.5	ANNUAL	SRCGP7	5	
595270.3	4130032	0.20263	44.11	44.11	1.5	ANNUAL	SRCGP7	5	
595290.3	4130032	0.23694	43.76	43.76	1.5	ANNUAL	SRCGP7	5	
595310.3	4130032	0.27826	43.54	43.54	1.5	ANNUAL	SRCGP7	5	
595330.3	4130032	0.32742	43.33	43.33	1.5	ANNUAL	SRCGP7	5	
595350.3	4130032	0.38246	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595370.3	4130032	0.44665	43.68	43.68	1.5	ANNUAL	SRCGP7	5	
595390.3	4130032	0.51941	43.52	43.52	1.5	ANNUAL	SRCGP7	5	
595430.3	4130032	0.69284	43.19	43.19	1.5	ANNUAL	SRCGP7	5	
595450.3	4130032	0.79463	43.29	43.29	1.5	ANNUAL	SRCGP7	5	
594490.3	4130052	0.03609	46.24	46.24	1.5	ANNUAL	SRCGP7	5	
594510.3	4130052	0.0368	46.62	46.62	1.5	ANNUAL	SRCGP7	5	
594530.3	4130052	0.0376	46.76	46.76	1.5	ANNUAL	SRCGP7	5	
594550.3	4130052	0.03848	46.7	46.7	1.5	ANNUAL	SRCGP7	5	
594570.3	4130052	0.03939	46.63	46.63	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594590.3	4130052	0.04034	46.57	46.57	1.5	ANNUAL	SRCGP7	5	
594790.3	4130052	0.0515	45.73	45.73	1.5	ANNUAL	SRCGP7	5	
594810.3	4130052	0.05272	45.52	45.52	1.5	ANNUAL	SRCGP7	5	
594830.3	4130052	0.05384	45.48	45.48	1.5	ANNUAL	SRCGP7	5	
594850.3	4130052	0.05495	45.38	45.38	1.5	ANNUAL	SRCGP7	5	
594870.3	4130052	0.05609	45.25	45.25	1.5	ANNUAL	SRCGP7	5	
594890.3	4130052	0.05711	45.25	45.25	1.5	ANNUAL	SRCGP7	5	
594910.3	4130052	0.05817	45.16	45.16	1.5	ANNUAL	SRCGP7	5	
594930.3	4130052	0.05921	44.98	44.98	1.5	ANNUAL	SRCGP7	5	
594950.3	4130052	0.06026	44.87	44.87	1.5	ANNUAL	SRCGP7	5	
594970.3	4130052	0.06147	44.77	44.77	1.5	ANNUAL	SRCGP7	5	
595010.3	4130052	0.06746	44.59	44.59	1.5	ANNUAL	SRCGP7	5	
595030.3	4130052	0.06985	44.46	44.46	1.5	ANNUAL	SRCGP7	5	
595050.3	4130052	0.07289	44.38	44.38	1.5	ANNUAL	SRCGP7	5	
595090.3	4130052	0.08137	44.21	44.21	1.5	ANNUAL	SRCGP7	5	
595150.3	4130052	0.10373	44.05	44.05	1.5	ANNUAL	SRCGP7	5	
595170.3	4130052	0.11483	44.02	44.02	1.5	ANNUAL	SRCGP7	5	
595210.3	4130052	0.14449	44.28	44.28	1.5	ANNUAL	SRCGP7	5	
595230.3	4130052	0.16512	43.96	43.96	1.5	ANNUAL	SRCGP7	5	
595250.3	4130052	0.1896	44.25	44.25	1.5	ANNUAL	SRCGP7	5	
595270.3	4130052	0.22057	44.2	44.2	1.5	ANNUAL	SRCGP7	5	
595430.3	4130052	0.80695	43.08	43.08	1.5	ANNUAL	SRCGP7	5	
595450.3	4130052	0.93184	43.26	43.26	1.5	ANNUAL	SRCGP7	5	
594490.3	4130072	0.03779	46.16	46.16	1.5	ANNUAL	SRCGP7	5	
594510.3	4130072	0.03857	46.59	46.59	1.5	ANNUAL	SRCGP7	5	
594550.3	4130072	0.04038	46.73	46.73	1.5	ANNUAL	SRCGP7	5	
594570.3	4130072	0.04149	46.28	46.28	1.5	ANNUAL	SRCGP7	5	
594790.3	4130072	0.05529	45.62	45.62	1.5	ANNUAL	SRCGP7	5	
594810.3	4130072	0.0567	45.65	45.65	1.5	ANNUAL	SRCGP7	5	
594830.3	4130072	0.05812	45.61	45.61	1.5	ANNUAL	SRCGP7	5	
594850.3	4130072	0.05955	45.54	45.54	1.5	ANNUAL	SRCGP7	5	
594870.3	4130072	0.06104	45.22	45.22	1.5	ANNUAL	SRCGP7	5	
594890.3	4130072	0.06244	45.09	45.09	1.5	ANNUAL	SRCGP7	5	
594910.3	4130072	0.06373	45.09	45.09	1.5	ANNUAL	SRCGP7	5	
594930.3	4130072	0.06507	45.01	45.01	1.5	ANNUAL	SRCGP7	5	
594950.3	4130072	0.06641	44.99	44.99	1.5	ANNUAL	SRCGP7	5	
594970.3	4130072	0.07002	44.64	44.64	1.5	ANNUAL	SRCGP7	5	
595010.3	4130072	0.07407	44.42	44.42	1.5	ANNUAL	SRCGP7	5	
595030.3	4130072	0.07663	44.35	44.35	1.5	ANNUAL	SRCGP7	5	
595050.3	4130072	0.07971	44.22	44.22	1.5	ANNUAL	SRCGP7	5	
595090.3	4130072	0.0883	44.17	44.17	1.5	ANNUAL	SRCGP7	5	
595110.3	4130072	0.09442	44.05	44.05	1.5	ANNUAL	SRCGP7	5	
595150.3	4130072	0.11163	43.99	43.99	1.5	ANNUAL	SRCGP7	5	
595210.3	4130072	0.15634	43.93	43.93	1.5	ANNUAL	SRCGP7	5	
595230.3	4130072	0.17912	43.75	43.75	1.5	ANNUAL	SRCGP7	5	
595250.3	4130072	0.20681	43.96	43.96	1.5	ANNUAL	SRCGP7	5	
595270.3	4130072	0.24216	43.88	43.88	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595430.3	4130072	0.95068	43.02	43.02	1.5	ANNUAL	SRCGP7	5	
595450.3	4130072	1.10825	43.1	43.1	1.5	ANNUAL	SRCGP7	5	
594510.3	4130092	0.0405	46.34	46.34	1.5	ANNUAL	SRCGP7	5	
594550.3	4130092	0.04248	46.5	46.5	1.5	ANNUAL	SRCGP7	5	
594570.3	4130092	0.04363	46.22	46.22	1.5	ANNUAL	SRCGP7	5	
595010.3	4130092	0.08193	44.23	44.23	1.5	ANNUAL	SRCGP7	5	
595030.3	4130092	0.08464	44.22	44.22	1.5	ANNUAL	SRCGP7	5	
595050.3	4130092	0.08794	44.04	44.04	1.5	ANNUAL	SRCGP7	5	
595090.3	4130092	0.09674	44.03	44.03	1.5	ANNUAL	SRCGP7	5	
595110.3	4130092	0.10301	43.96	43.96	1.5	ANNUAL	SRCGP7	5	
595150.3	4130092	0.12113	43.8	43.8	1.5	ANNUAL	SRCGP7	5	
595170.3	4130092	0.13383	43.76	43.76	1.5	ANNUAL	SRCGP7	5	
595190.3	4130092	0.1496	43.9	43.9	1.5	ANNUAL	SRCGP7	5	
595210.3	4130092	0.16955	43.88	43.88	1.5	ANNUAL	SRCGP7	5	
595230.3	4130092	0.19461	43.86	43.86	1.5	ANNUAL	SRCGP7	5	
595250.3	4130092	0.22643	43.77	43.77	1.5	ANNUAL	SRCGP7	5	
595430.3	4130092	1.13543	42.96	42.96	1.5	ANNUAL	SRCGP7	5	
595450.3	4130092	1.33548	43.04	43.04	1.5	ANNUAL	SRCGP7	5	
594510.3	4130112	0.04254	46.21	46.21	1.5	ANNUAL	SRCGP7	5	
594530.3	4130112	0.04358	46.37	46.37	1.5	ANNUAL	SRCGP7	5	
594550.3	4130112	0.04471	46.31	46.31	1.5	ANNUAL	SRCGP7	5	
594570.3	4130112	0.04596	46.07	46.07	1.5	ANNUAL	SRCGP7	5	
595010.3	4130112	0.09109	44.14	44.14	1.5	ANNUAL	SRCGP7	5	
595030.3	4130112	0.09419	44.04	44.04	1.5	ANNUAL	SRCGP7	5	
595050.3	4130112	0.09775	43.97	43.97	1.5	ANNUAL	SRCGP7	5	
595090.3	4130112	0.10699	43.94	43.94	1.5	ANNUAL	SRCGP7	5	
595110.3	4130112	0.11355	43.79	43.79	1.5	ANNUAL	SRCGP7	5	
595130.3	4130112	0.12201	43.56	43.56	1.5	ANNUAL	SRCGP7	5	
595150.3	4130112	0.13261	43.53	43.53	1.5	ANNUAL	SRCGP7	5	
595170.3	4130112	0.14608	43.59	43.59	1.5	ANNUAL	SRCGP7	5	
595190.3	4130112	0.16285	43.9	43.9	1.5	ANNUAL	SRCGP7	5	
595210.3	4130112	0.18482	43.88	43.88	1.5	ANNUAL	SRCGP7	5	
595230.3	4130112	0.21307	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595250.3	4130112	0.24888	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595430.3	4130112	1.3778	42.89	42.89	1.5	ANNUAL	SRCGP7	5	
595450.3	4130112	1.63744	42.89	42.89	1.5	ANNUAL	SRCGP7	5	
594510.3	4130132	0.04475	45.89	45.89	1.5	ANNUAL	SRCGP7	5	
594530.3	4130132	0.04592	45.93	45.93	1.5	ANNUAL	SRCGP7	5	
594550.3	4130132	0.04714	46	46	1.5	ANNUAL	SRCGP7	5	
594570.3	4130132	0.04848	45.87	45.87	1.5	ANNUAL	SRCGP7	5	
595010.3	4130132	0.10168	44.01	44.01	1.5	ANNUAL	SRCGP7	5	
595030.3	4130132	0.10534	44.04	44.04	1.5	ANNUAL	SRCGP7	5	
595050.3	4130132	0.10948	43.89	43.89	1.5	ANNUAL	SRCGP7	5	
595090.3	4130132	0.11954	43.83	43.83	1.5	ANNUAL	SRCGP7	5	
595110.3	4130132	0.12654	43.61	43.61	1.5	ANNUAL	SRCGP7	5	
595130.3	4130132	0.13542	43.39	43.39	1.5	ANNUAL	SRCGP7	5	
595150.3	4130132	0.1465	43.41	43.41	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595170.3	4130132	0.16056	43.62	43.62	1.5	ANNUAL	SRCGP7	5	
595190.3	4130132	0.17896	43.74	43.74	1.5	ANNUAL	SRCGP7	5	
595210.3	4130132	0.20303	43.76	43.76	1.5	ANNUAL	SRCGP7	5	
595230.3	4130132	0.23419	43.77	43.77	1.5	ANNUAL	SRCGP7	5	
595250.3	4130132	0.27489	43.74	43.74	1.5	ANNUAL	SRCGP7	5	
595430.3	4130132	1.7059	42.69	42.69	1.5	ANNUAL	SRCGP7	5	
595450.3	4130132	2.04315	42.8	42.8	1.5	ANNUAL	SRCGP7	5	
595010.3	4130152	0.114	43.85	43.85	1.5	ANNUAL	SRCGP7	5	
595030.3	4130152	0.11856	43.77	43.77	1.5	ANNUAL	SRCGP7	5	
595050.3	4130152	0.12345	43.73	43.73	1.5	ANNUAL	SRCGP7	5	
595090.3	4130152	0.13494	43.71	43.71	1.5	ANNUAL	SRCGP7	5	
595110.3	4130152	0.14241	43.6	43.6	1.5	ANNUAL	SRCGP7	5	
595130.3	4130152	0.15199	43.32	43.32	1.5	ANNUAL	SRCGP7	5	
595150.3	4130152	0.16386	43.24	43.24	1.5	ANNUAL	SRCGP7	5	
595170.3	4130152	0.17872	43.5	43.5	1.5	ANNUAL	SRCGP7	5	
595190.3	4130152	0.19897	43.44	43.44	1.5	ANNUAL	SRCGP7	5	
595210.3	4130152	0.22572	43.35	43.35	1.5	ANNUAL	SRCGP7	5	
595230.3	4130152	0.26015	43.56	43.56	1.5	ANNUAL	SRCGP7	5	
595250.3	4130152	0.30647	43.57	43.57	1.5	ANNUAL	SRCGP7	5	
595430.3	4130152	2.15453	42.6	42.6	1.5	ANNUAL	SRCGP7	5	
595450.3	4130152	2.60403	42.66	42.66	1.5	ANNUAL	SRCGP7	5	
594490.3	4130352	0.0768	45.24	45.24	1.5	ANNUAL	SRCGP7	5	
594510.3	4130352	0.07999	44.82	44.82	1.5	ANNUAL	SRCGP7	5	
594530.3	4130352	0.0841	44.4	44.4	1.5	ANNUAL	SRCGP7	5	
594550.3	4130352	0.08772	44.19	44.19	1.5	ANNUAL	SRCGP7	5	
594570.3	4130352	0.09168	43.75	43.75	1.5	ANNUAL	SRCGP7	5	
594490.3	4130372	0.08085	44.82	44.82	1.5	ANNUAL	SRCGP7	5	
594510.3	4130372	0.08522	44.21	44.21	1.5	ANNUAL	SRCGP7	5	
594530.3	4130372	0.08898	43.77	43.77	1.5	ANNUAL	SRCGP7	5	
594550.3	4130372	0.09293	43.63	43.63	1.5	ANNUAL	SRCGP7	5	
594570.3	4130372	0.0972	43.47	43.47	1.5	ANNUAL	SRCGP7	5	
594470.3	4130392	0.08279	43.76	43.76	1.5	ANNUAL	SRCGP7	5	
594490.3	4130392	0.0862	43.97	43.97	1.5	ANNUAL	SRCGP7	5	
594550.3	4130392	0.09842	43.23	43.23	1.5	ANNUAL	SRCGP7	5	
594570.3	4130392	0.10303	43.27	43.27	1.5	ANNUAL	SRCGP7	5	
594470.3	4130412	0.08717	43.34	43.34	1.5	ANNUAL	SRCGP7	5	
594490.3	4130412	0.09091	43.48	43.48	1.5	ANNUAL	SRCGP7	5	
594530.3	4130412	0.09951	42.96	42.96	1.5	ANNUAL	SRCGP7	5	
594550.3	4130412	0.10419	43.07	43.07	1.5	ANNUAL	SRCGP7	5	
594570.3	4130412	0.10925	43.15	43.15	1.5	ANNUAL	SRCGP7	5	
594470.3	4130432	0.09172	43.29	43.29	1.5	ANNUAL	SRCGP7	5	
594490.3	4130432	0.09581	43.36	43.36	1.5	ANNUAL	SRCGP7	5	
594530.3	4130432	0.10513	43.06	43.06	1.5	ANNUAL	SRCGP7	5	
594550.3	4130432	0.11033	42.99	42.99	1.5	ANNUAL	SRCGP7	5	
595474.5	4130151	3.17275	42.33	42.33	1.5	ANNUAL	SRCGP7	5	
595514.5	4130151	4.03972	42.17	42.17	1.5	ANNUAL	SRCGP7	5	
595534.5	4130151	4.35429	42.05	42.05	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595554.5	4130151	4.56126	42.01	42.01	1.5	ANNUAL	SRCGP7	5	
595594.5	4130151	4.67569	41.92	41.92	1.5	ANNUAL	SRCGP7	5	
595614.5	4130151	4.60291	41.99	41.99	1.5	ANNUAL	SRCGP7	5	
595634.5	4130151	4.469	42.03	42.03	1.5	ANNUAL	SRCGP7	5	
595674.5	4130151	4.08377	41.79	41.79	1.5	ANNUAL	SRCGP7	5	
595694.5	4130151	3.8489	41.86	41.86	1.5	ANNUAL	SRCGP7	5	
595714.5	4130151	3.60684	41.8	41.8	1.5	ANNUAL	SRCGP7	5	
595734.5	4130151	3.36369	41.67	41.67	1.5	ANNUAL	SRCGP7	5	
595774.5	4130151	2.89142	41.48	41.48	1.5	ANNUAL	SRCGP7	5	
595794.5	4130151	2.67067	41.39	41.39	1.5	ANNUAL	SRCGP7	5	
595434.5	4130171	2.89611	42.27	42.27	1.5	ANNUAL	SRCGP7	5	
595454.5	4130171	3.51255	42.13	42.13	1.5	ANNUAL	SRCGP7	5	
595474.5	4130171	4.12564	42.04	42.04	1.5	ANNUAL	SRCGP7	5	
595514.5	4130171	5.10891	41.74	41.74	1.5	ANNUAL	SRCGP7	5	
595534.5	4130171	5.39102	41.7	41.7	1.5	ANNUAL	SRCGP7	5	
595554.5	4130171	5.52801	41.64	41.64	1.5	ANNUAL	SRCGP7	5	
595594.5	4130171	5.42196	41.67	41.67	1.5	ANNUAL	SRCGP7	5	
595614.5	4130171	5.23353	41.62	41.62	1.5	ANNUAL	SRCGP7	5	
595634.5	4130171	4.98389	41.6	41.6	1.5	ANNUAL	SRCGP7	5	
595674.5	4130171	4.38931	41.44	41.44	1.5	ANNUAL	SRCGP7	5	
595694.5	4130171	4.07229	41.43	41.43	1.5	ANNUAL	SRCGP7	5	
595714.5	4130171	3.75838	41.43	41.43	1.5	ANNUAL	SRCGP7	5	
595734.5	4130171	3.45857	41.25	41.25	1.5	ANNUAL	SRCGP7	5	
595774.5	4130171	2.90272	41.25	41.25	1.5	ANNUAL	SRCGP7	5	
595794.5	4130171	2.65505	41.19	41.19	1.5	ANNUAL	SRCGP7	5	
595434.5	4130211	5.26985	42.45	42.45	1.5	ANNUAL	SRCGP7	5	
595474.5	4130211	7.22679	42.11	42.11	1.5	ANNUAL	SRCGP7	5	
595494.5	4130211	7.79106	42.24	42.24	1.5	ANNUAL	SRCGP7	5	
595514.5	4130211	8.06965	42.06	42.06	1.5	ANNUAL	SRCGP7	5	
595534.5	4130211	8.05362	41.95	41.95	1.5	ANNUAL	SRCGP7	5	
595574.5	4130211	7.42067	41.51	41.51	1.5	ANNUAL	SRCGP7	5	
595594.5	4130211	6.895	41.82	41.82	1.5	ANNUAL	SRCGP7	5	
595614.5	4130211	6.34812	41.66	41.66	1.5	ANNUAL	SRCGP7	5	
595634.5	4130211	5.78283	41.66	41.66	1.5	ANNUAL	SRCGP7	5	
595654.5	4130211	5.23238	41.67	41.67	1.5	ANNUAL	SRCGP7	5	
595674.5	4130211	4.71226	41.71	41.71	1.5	ANNUAL	SRCGP7	5	
595694.5	4130211	4.23663	41.56	41.56	1.5	ANNUAL	SRCGP7	5	
595714.5	4130211	3.80144	41.52	41.52	1.5	ANNUAL	SRCGP7	5	
595734.5	4130211	3.41027	41.47	41.47	1.5	ANNUAL	SRCGP7	5	
595774.5	4130211	2.75418	41.13	41.13	1.5	ANNUAL	SRCGP7	5	
595794.5	4130211	2.48045	40.99	40.99	1.5	ANNUAL	SRCGP7	5	
595434.5	4130231	7.46413	42.42	42.42	1.5	ANNUAL	SRCGP7	5	
595474.5	4130231	9.71542	41.98	41.98	1.5	ANNUAL	SRCGP7	5	
595494.5	4130231	10.08458	42.09	42.09	1.5	ANNUAL	SRCGP7	5	
595514.5	4130231	10.03854	41.94	41.94	1.5	ANNUAL	SRCGP7	5	
595534.5	4130231	9.63951	41.87	41.87	1.5	ANNUAL	SRCGP7	5	
595574.5	4130231	8.29091	41.43	41.43	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.5	4130231	7.48294	41.69	41.69	1.5	ANNUAL	SRCGP7	5	
595614.5	4130231	6.70723	41.59	41.59	1.5	ANNUAL	SRCGP7	5	
595634.5	4130231	5.96921	41.63	41.63	1.5	ANNUAL	SRCGP7	5	
595654.5	4130231	5.29615	41.58	41.58	1.5	ANNUAL	SRCGP7	5	
595674.5	4130231	4.69059	41.55	41.55	1.5	ANNUAL	SRCGP7	5	
595694.5	4130231	4.1541	41.5	41.5	1.5	ANNUAL	SRCGP7	5	
595714.5	4130231	3.68481	41.33	41.33	1.5	ANNUAL	SRCGP7	5	
595734.5	4130231	3.27377	41.19	41.19	1.5	ANNUAL	SRCGP7	5	
595774.5	4130231	2.60171	41.05	41.05	1.5	ANNUAL	SRCGP7	5	
595794.5	4130231	2.33016	40.93	40.93	1.5	ANNUAL	SRCGP7	5	
595434.5	4130251	10.90138	42.32	42.32	1.5	ANNUAL	SRCGP7	5	
595474.5	4130251	13.02956	41.76	41.76	1.5	ANNUAL	SRCGP7	5	
595494.5	4130251	12.8632	41.87	41.87	1.5	ANNUAL	SRCGP7	5	
595514.5	4130251	12.17824	41.88	41.88	1.5	ANNUAL	SRCGP7	5	
595534.5	4130251	11.20133	41.66	41.66	1.5	ANNUAL	SRCGP7	5	
595574.5	4130251	8.92368	41.38	41.38	1.5	ANNUAL	SRCGP7	5	
595594.5	4130251	7.81555	41.62	41.62	1.5	ANNUAL	SRCGP7	5	
595614.5	4130251	6.82165	41.63	41.63	1.5	ANNUAL	SRCGP7	5	
595634.5	4130251	5.94572	41.53	41.53	1.5	ANNUAL	SRCGP7	5	
595654.5	4130251	5.17975	41.51	41.51	1.5	ANNUAL	SRCGP7	5	
595674.5	4130251	4.52078	41.44	41.44	1.5	ANNUAL	SRCGP7	5	
595694.5	4130251	3.95622	41.36	41.36	1.5	ANNUAL	SRCGP7	5	
595714.5	4130251	3.47266	41.33	41.33	1.5	ANNUAL	SRCGP7	5	
595734.5	4130251	3.06155	41.2	41.2	1.5	ANNUAL	SRCGP7	5	
595774.5	4130251	2.40741	41.06	41.06	1.5	ANNUAL	SRCGP7	5	
595794.5	4130251	2.15057	40.81	40.81	1.5	ANNUAL	SRCGP7	5	
595474.5	4130271	17.08943	41.63	41.63	1.5	ANNUAL	SRCGP7	5	
595494.5	4130271	15.86101	41.68	41.68	1.5	ANNUAL	SRCGP7	5	
595514.5	4130271	14.1997	41.64	41.64	1.5	ANNUAL	SRCGP7	5	
595534.5	4130271	12.41024	41.62	41.62	1.5	ANNUAL	SRCGP7	5	
595574.5	4130271	9.16273	41.26	41.26	1.5	ANNUAL	SRCGP7	5	
595594.5	4130271	7.79624	41.54	41.54	1.5	ANNUAL	SRCGP7	5	
595614.5	4130271	6.65669	41.36	41.36	1.5	ANNUAL	SRCGP7	5	
595774.5	4130271	2.18735	40.98	40.98	1.5	ANNUAL	SRCGP7	5	
595794.5	4130271	1.95067	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
595474.5	4130291	21.40722	41.37	41.37	1.5	ANNUAL	SRCGP7	5	
595494.5	4130291	18.46163	41.47	41.47	1.5	ANNUAL	SRCGP7	5	
595514.5	4130291	15.56347	41.31	41.31	1.5	ANNUAL	SRCGP7	5	
595534.5	4130291	12.95411	41.15	41.15	1.5	ANNUAL	SRCGP7	5	
595574.5	4130291	8.8854	41.18	41.18	1.5	ANNUAL	SRCGP7	5	
595594.5	4130291	7.37943	41.46	41.46	1.5	ANNUAL	SRCGP7	5	
595614.5	4130291	6.18878	41.26	41.26	1.5	ANNUAL	SRCGP7	5	
595654.5	4130291	4.43317	41.34	41.34	1.5	ANNUAL	SRCGP7	5	
595674.5	4130291	3.79886	41.27	41.27	1.5	ANNUAL	SRCGP7	5	
595694.5	4130291	3.27734	41.31	41.31	1.5	ANNUAL	SRCGP7	5	
595714.5	4130291	2.85224	41.17	41.17	1.5	ANNUAL	SRCGP7	5	
595734.5	4130291	2.49831	41.1	41.1	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595774.5	4130291	1.95607	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
595794.5	4130291	1.74724	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
595474.5	4130311	24.61304	41.31	41.31	1.5	ANNUAL	SRCGP7	5	
595494.5	4130311	19.68088	41.36	41.36	1.5	ANNUAL	SRCGP7	5	
595514.5	4130311	15.63622	41.29	41.29	1.5	ANNUAL	SRCGP7	5	
595534.5	4130311	12.44466	41.26	41.26	1.5	ANNUAL	SRCGP7	5	
595574.5	4130311	8.09803	40.98	40.98	1.5	ANNUAL	SRCGP7	5	
595594.5	4130311	6.61488	41.26	41.26	1.5	ANNUAL	SRCGP7	5	
595614.5	4130311	5.48349	41.17	41.17	1.5	ANNUAL	SRCGP7	5	
595654.5	4130311	3.88828	41.15	41.15	1.5	ANNUAL	SRCGP7	5	
595674.5	4130311	3.32444	41.14	41.14	1.5	ANNUAL	SRCGP7	5	
595694.5	4130311	2.86611	41.23	41.23	1.5	ANNUAL	SRCGP7	5	
595714.5	4130311	2.49688	41.11	41.11	1.5	ANNUAL	SRCGP7	5	
595734.5	4130311	2.19321	40.94	40.94	1.5	ANNUAL	SRCGP7	5	
595774.5	4130311	1.72572	40.74	40.74	1.5	ANNUAL	SRCGP7	5	
595794.5	4130311	1.54533	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
595474.5	4130331	25.02857	41.06	41.06	1.5	ANNUAL	SRCGP7	5	
595494.5	4130331	18.71338	41.13	41.13	1.5	ANNUAL	SRCGP7	5	
595514.5	4130331	14.20688	41.05	41.05	1.5	ANNUAL	SRCGP7	5	
595534.5	4130331	10.97943	40.96	40.96	1.5	ANNUAL	SRCGP7	5	
595574.5	4130331	6.91474	40.96	40.96	1.5	ANNUAL	SRCGP7	5	
595594.5	4130331	5.61451	41.2	41.2	1.5	ANNUAL	SRCGP7	5	
595614.5	4130331	4.64805	41.07	41.07	1.5	ANNUAL	SRCGP7	5	
595654.5	4130331	3.30864	40.97	40.97	1.5	ANNUAL	SRCGP7	5	
595674.5	4130331	2.83788	40.99	40.99	1.5	ANNUAL	SRCGP7	5	
595694.5	4130331	2.453	41.23	41.23	1.5	ANNUAL	SRCGP7	5	
595714.5	4130331	2.14856	41.05	41.05	1.5	ANNUAL	SRCGP7	5	
595734.5	4130331	1.89617	40.91	40.91	1.5	ANNUAL	SRCGP7	5	
595774.5	4130331	1.50761	40.66	40.66	1.5	ANNUAL	SRCGP7	5	
595794.5	4130331	1.35597	40.6	40.6	1.5	ANNUAL	SRCGP7	5	
595414.5	4130351	67.03086	41.2	41.2	1.5	ANNUAL	SRCGP7	5	
595434.5	4130351	45.68056	41.19	41.19	1.5	ANNUAL	SRCGP7	5	
595474.5	4130351	21.59741	41.08	41.08	1.5	ANNUAL	SRCGP7	5	
595494.5	4130351	15.51059	41.14	41.14	1.5	ANNUAL	SRCGP7	5	
595514.5	4130351	11.54925	40.98	40.98	1.5	ANNUAL	SRCGP7	5	
595534.5	4130351	8.83939	40.97	40.97	1.5	ANNUAL	SRCGP7	5	
595574.5	4130351	5.58746	40.83	40.83	1.5	ANNUAL	SRCGP7	5	
595594.5	4130351	4.55825	41.1	41.1	1.5	ANNUAL	SRCGP7	5	
595614.5	4130351	3.80209	40.97	40.97	1.5	ANNUAL	SRCGP7	5	
595694.5	4130351	2.07264	41.09	41.09	1.5	ANNUAL	SRCGP7	5	
595714.5	4130351	1.82772	41	41	1.5	ANNUAL	SRCGP7	5	
595734.5	4130351	1.62629	40.77	40.77	1.5	ANNUAL	SRCGP7	5	
595774.5	4130351	1.30745	40.76	40.76	1.5	ANNUAL	SRCGP7	5	
595794.5	4130351	1.18591	40.43	40.43	1.5	ANNUAL	SRCGP7	5	
595414.5	4130371	58.67605	41	41	1.5	ANNUAL	SRCGP7	5	
595434.5	4130371	35.61524	41.02	41.02	1.5	ANNUAL	SRCGP7	5	
595474.5	4130371	15.76082	40.85	40.85	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595494.5	4130371	11.34307	40.93	40.93	1.5	ANNUAL	SRCGP7	5	
595514.5	4130371	8.54503	40.82	40.82	1.5	ANNUAL	SRCGP7	5	
595534.5	4130371	6.65153	40.74	40.74	1.5	ANNUAL	SRCGP7	5	
595574.5	4130371	4.33767	40.73	40.73	1.5	ANNUAL	SRCGP7	5	
595594.5	4130371	3.59682	40.93	40.93	1.5	ANNUAL	SRCGP7	5	
595614.5	4130371	3.04512	40.79	40.79	1.5	ANNUAL	SRCGP7	5	
595654.5	4130371	2.25387	40.92	40.92	1.5	ANNUAL	SRCGP7	5	
595674.5	4130371	1.97273	40.87	40.87	1.5	ANNUAL	SRCGP7	5	
595694.5	4130371	1.73943	40.94	40.94	1.5	ANNUAL	SRCGP7	5	
595714.5	4130371	1.54755	40.9	40.9	1.5	ANNUAL	SRCGP7	5	
595734.5	4130371	1.38805	40.73	40.73	1.5	ANNUAL	SRCGP7	5	
595774.5	4130371	1.13382	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
595794.5	4130371	1.03421	40.41	40.41	1.5	ANNUAL	SRCGP7	5	
595414.5	4130391	33.30484	41.01	41.01	1.5	ANNUAL	SRCGP7	5	
595434.5	4130391	20.76287	40.91	40.91	1.5	ANNUAL	SRCGP7	5	
595474.5	4130391	10.13117	40.81	40.81	1.5	ANNUAL	SRCGP7	5	
595494.5	4130391	7.64073	40.83	40.83	1.5	ANNUAL	SRCGP7	5	
595514.5	4130391	5.99014	40.71	40.71	1.5	ANNUAL	SRCGP7	5	
595534.5	4130391	4.82542	40.6	40.6	1.5	ANNUAL	SRCGP7	5	
595614.5	4130391	2.42093	40.69	40.69	1.5	ANNUAL	SRCGP7	5	
595654.5	4130391	1.84617	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
595674.5	4130391	1.63432	40.89	40.89	1.5	ANNUAL	SRCGP7	5	
595694.5	4130391	1.45901	40.85	40.85	1.5	ANNUAL	SRCGP7	5	
595714.5	4130391	1.31143	40.78	40.78	1.5	ANNUAL	SRCGP7	5	
595734.5	4130391	1.18586	40.69	40.69	1.5	ANNUAL	SRCGP7	5	
595774.5	4130391	0.98371	40.6	40.6	1.5	ANNUAL	SRCGP7	5	
595794.5	4130391	0.9032	40.39	40.39	1.5	ANNUAL	SRCGP7	5	
595414.5	4130411	15.59997	40.72	40.72	1.5	ANNUAL	SRCGP7	5	
595434.5	4130411	11.12572	40.77	40.77	1.5	ANNUAL	SRCGP7	5	
595614.5	4130411	1.94085	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
595654.5	4130411	1.52489	40.69	40.69	1.5	ANNUAL	SRCGP7	5	
595674.5	4130411	1.36697	40.67	40.67	1.5	ANNUAL	SRCGP7	5	
595694.5	4130411	1.23249	40.68	40.68	1.5	ANNUAL	SRCGP7	5	
595714.5	4130411	1.11715	40.71	40.71	1.5	ANNUAL	SRCGP7	5	
595734.5	4130411	1.01863	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
595774.5	4130411	0.85832	40.4	40.4	1.5	ANNUAL	SRCGP7	5	
595794.5	4130411	0.79205	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
595414.5	4130431	8.93372	40.71	40.71	1.5	ANNUAL	SRCGP7	5	
595434.5	4130431	6.90786	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
595454.5	4130431	5.51538	40.4	40.4	1.5	ANNUAL	SRCGP7	5	
595474.5	4130431	4.46768	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
595494.5	4130431	3.71243	40.55	40.55	1.5	ANNUAL	SRCGP7	5	
595514.5	4130431	3.13072	40.57	40.57	1.5	ANNUAL	SRCGP7	5	
595614.5	4130431	1.58634	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
595774.5	4130431	0.7526	40.4	40.4	1.5	ANNUAL	SRCGP7	5	
595794.5	4130431	0.69839	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
595414.5	4130451	5.95611	40.69	40.69	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595434.5	4130451	4.80939	40.59	40.59	1.5	ANNUAL	SRCGP7	5	
595454.5	4130451	3.98558	40.36	40.36	1.5	ANNUAL	SRCGP7	5	
595474.5	4130451	3.33259	40.59	40.59	1.5	ANNUAL	SRCGP7	5	
595494.5	4130451	2.83376	40.67	40.67	1.5	ANNUAL	SRCGP7	5	
595514.5	4130451	2.44491	40.56	40.56	1.5	ANNUAL	SRCGP7	5	
595614.5	4130451	1.32656	40.53	40.53	1.5	ANNUAL	SRCGP7	5	
595634.5	4130451	1.19593	40.72	40.72	1.5	ANNUAL	SRCGP7	5	
595654.5	4130451	1.08753	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
595674.5	4130451	0.99179	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
595694.5	4130451	0.90973	40.45	40.45	1.5	ANNUAL	SRCGP7	5	
595714.5	4130451	0.83707	40.42	40.42	1.5	ANNUAL	SRCGP7	5	
595734.5	4130451	0.77248	40.5	40.5	1.5	ANNUAL	SRCGP7	5	
595774.5	4130451	0.66592	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595794.5	4130451	0.62062	40.33	40.33	1.5	ANNUAL	SRCGP7	5	
595414.5	4130471	4.29344	40.7	40.7	1.5	ANNUAL	SRCGP7	5	
595434.5	4130471	3.55729	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
595454.5	4130471	3.03178	40.3	40.3	1.5	ANNUAL	SRCGP7	5	
595474.5	4130471	2.59644	40.59	40.59	1.5	ANNUAL	SRCGP7	5	
595494.5	4130471	2.25556	40.67	40.67	1.5	ANNUAL	SRCGP7	5	
595514.5	4130471	1.97871	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
595614.5	4130471	1.1354	40.44	40.44	1.5	ANNUAL	SRCGP7	5	
595634.5	4130471	1.03157	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
595654.5	4130471	0.94344	40.47	40.47	1.5	ANNUAL	SRCGP7	5	
595674.5	4130471	0.86559	40.5	40.5	1.5	ANNUAL	SRCGP7	5	
595694.5	4130471	0.79825	40.36	40.36	1.5	ANNUAL	SRCGP7	5	
595714.5	4130471	0.7387	40.23	40.23	1.5	ANNUAL	SRCGP7	5	
595734.5	4130471	0.685	40.29	40.29	1.5	ANNUAL	SRCGP7	5	
595774.5	4130471	0.59495	40.25	40.25	1.5	ANNUAL	SRCGP7	5	
595794.5	4130471	0.55668	40.24	40.24	1.5	ANNUAL	SRCGP7	5	
595414.5	4130491	3.26979	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
595434.5	4130491	2.75183	40.59	40.59	1.5	ANNUAL	SRCGP7	5	
595454.5	4130491	2.38626	40.2	40.2	1.5	ANNUAL	SRCGP7	5	
595474.5	4130491	2.08302	40.42	40.42	1.5	ANNUAL	SRCGP7	5	
595494.5	4130491	1.84107	40.49	40.49	1.5	ANNUAL	SRCGP7	5	
595514.5	4130491	1.63743	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
595614.5	4130491	0.99012	40.26	40.26	1.5	ANNUAL	SRCGP7	5	
595634.5	4130491	0.90506	40.42	40.42	1.5	ANNUAL	SRCGP7	5	
595654.5	4130491	0.83198	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
595674.5	4130491	0.76731	40.31	40.31	1.5	ANNUAL	SRCGP7	5	
595694.5	4130491	0.70999	40.31	40.31	1.5	ANNUAL	SRCGP7	5	
595714.5	4130491	0.65948	40.15	40.15	1.5	ANNUAL	SRCGP7	5	
595734.5	4130491	0.61403	40.2	40.2	1.5	ANNUAL	SRCGP7	5	
594970.7	4130091	0.07727	44.35	44.35	1.5	ANNUAL	SRCGP7	5	
595473.2	4129914	0.42344	43.66	43.66	1.5	ANNUAL	SRCGP7	5	
595513.2	4129914	0.52071	43.35	43.35	1.5	ANNUAL	SRCGP7	5	
595533.2	4129914	0.57511	43.57	43.57	1.5	ANNUAL	SRCGP7	5	
595553.2	4129914	0.63474	43.62	43.62	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595573.2	4129914	0.69892	43.52	43.52	1.5	ANNUAL	SRCGP7	5	
595613.2	4129914	0.83348	43.31	43.31	1.5	ANNUAL	SRCGP7	5	
595633.2	4129914	0.8996	43.31	43.31	1.5	ANNUAL	SRCGP7	5	
595673.2	4129914	1.02476	42.87	42.87	1.5	ANNUAL	SRCGP7	5	
595693.2	4129914	1.07708	43	43	1.5	ANNUAL	SRCGP7	5	
595713.2	4129914	1.12477	42.82	42.82	1.5	ANNUAL	SRCGP7	5	
595733.2	4129914	1.16502	42.74	42.74	1.5	ANNUAL	SRCGP7	5	
595773.2	4129914	1.22423	42.48	42.48	1.5	ANNUAL	SRCGP7	5	
595793.2	4129914	1.24346	42.39	42.39	1.5	ANNUAL	SRCGP7	5	
595473.2	4129934	0.47541	43.44	43.44	1.5	ANNUAL	SRCGP7	5	
595513.2	4129934	0.58957	43.2	43.2	1.5	ANNUAL	SRCGP7	5	
595533.2	4129934	0.65417	43.29	43.29	1.5	ANNUAL	SRCGP7	5	
595553.2	4129934	0.72363	43.38	43.38	1.5	ANNUAL	SRCGP7	5	
595573.2	4129934	0.79672	43.47	43.47	1.5	ANNUAL	SRCGP7	5	
595613.2	4129934	0.95018	43.12	43.12	1.5	ANNUAL	SRCGP7	5	
595633.2	4129934	1.0235	43.06	43.06	1.5	ANNUAL	SRCGP7	5	
595673.2	4129934	1.15593	42.78	42.78	1.5	ANNUAL	SRCGP7	5	
595693.2	4129934	1.20967	42.89	42.89	1.5	ANNUAL	SRCGP7	5	
595713.2	4129934	1.25638	42.81	42.81	1.5	ANNUAL	SRCGP7	5	
595733.2	4129934	1.29556	42.66	42.66	1.5	ANNUAL	SRCGP7	5	
595773.2	4129934	1.34751	42.47	42.47	1.5	ANNUAL	SRCGP7	5	
595793.2	4129934	1.36207	42.36	42.36	1.5	ANNUAL	SRCGP7	5	
595473.2	4129954	0.53772	43.17	43.17	1.5	ANNUAL	SRCGP7	5	
595513.2	4129954	0.67286	42.98	42.98	1.5	ANNUAL	SRCGP7	5	
595533.2	4129954	0.749	43.09	43.09	1.5	ANNUAL	SRCGP7	5	
595553.2	4129954	0.83086	43.11	43.11	1.5	ANNUAL	SRCGP7	5	
595573.2	4129954	0.91605	43.13	43.13	1.5	ANNUAL	SRCGP7	5	
595613.2	4129954	1.08667	43.09	43.09	1.5	ANNUAL	SRCGP7	5	
595633.2	4129954	1.16667	43.03	43.03	1.5	ANNUAL	SRCGP7	5	
595673.2	4129954	1.30648	42.7	42.7	1.5	ANNUAL	SRCGP7	5	
595693.2	4129954	1.36005	42.8	42.8	1.5	ANNUAL	SRCGP7	5	
595713.2	4129954	1.40634	42.6	42.6	1.5	ANNUAL	SRCGP7	5	
595733.2	4129954	1.44107	42.55	42.55	1.5	ANNUAL	SRCGP7	5	
595773.2	4129954	1.48244	42.44	42.44	1.5	ANNUAL	SRCGP7	5	
595793.2	4129954	1.49042	42.3	42.3	1.5	ANNUAL	SRCGP7	5	
595473.2	4129974	0.61199	43.09	43.09	1.5	ANNUAL	SRCGP7	5	
595513.2	4129974	0.77285	42.94	42.94	1.5	ANNUAL	SRCGP7	5	
595533.2	4129974	0.86382	42.94	42.94	1.5	ANNUAL	SRCGP7	5	
595553.2	4129974	0.95914	43.04	43.04	1.5	ANNUAL	SRCGP7	5	
595613.2	4129974	1.2488	42.97	42.97	1.5	ANNUAL	SRCGP7	5	
595633.2	4129974	1.33536	42.89	42.89	1.5	ANNUAL	SRCGP7	5	
595673.2	4129974	1.4791	42.59	42.59	1.5	ANNUAL	SRCGP7	5	
595693.2	4129974	1.53116	42.66	42.66	1.5	ANNUAL	SRCGP7	5	
595713.2	4129974	1.57249	42.58	42.58	1.5	ANNUAL	SRCGP7	5	
595733.2	4129974	1.60322	42.4	42.4	1.5	ANNUAL	SRCGP7	5	
595773.2	4129974	1.63032	42.19	42.19	1.5	ANNUAL	SRCGP7	5	
595793.2	4129974	1.62757	42.3	42.3	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595473.2	4129994	0.70287	42.95	42.95	1.5	ANNUAL	SRCGP7	5	
595513.2	4129994	0.89561	42.86	42.86	1.5	ANNUAL	SRCGP7	5	
595533.2	4129994	1.0036	42.87	42.87	1.5	ANNUAL	SRCGP7	5	
595553.2	4129994	1.11585	42.91	42.91	1.5	ANNUAL	SRCGP7	5	
595613.2	4129994	1.4408	42.84	42.84	1.5	ANNUAL	SRCGP7	5	
595633.2	4129994	1.53149	42.84	42.84	1.5	ANNUAL	SRCGP7	5	
595673.2	4129994	1.67664	42.47	42.47	1.5	ANNUAL	SRCGP7	5	
595693.2	4129994	1.72261	42.65	42.65	1.5	ANNUAL	SRCGP7	5	
595713.2	4129994	1.75873	42.5	42.5	1.5	ANNUAL	SRCGP7	5	
595733.2	4129994	1.78093	42.33	42.33	1.5	ANNUAL	SRCGP7	5	
595773.2	4129994	1.78717	42.21	42.21	1.5	ANNUAL	SRCGP7	5	
595793.2	4129994	1.77375	42.2	42.2	1.5	ANNUAL	SRCGP7	5	
595473.2	4130014	0.81364	42.98	42.98	1.5	ANNUAL	SRCGP7	5	
595513.2	4130014	1.04778	42.75	42.75	1.5	ANNUAL	SRCGP7	5	
595533.2	4130014	1.17498	42.88	42.88	1.5	ANNUAL	SRCGP7	5	
595553.2	4130014	1.30663	42.87	42.87	1.5	ANNUAL	SRCGP7	5	
595593.2	4130014	1.56173	42.52	42.52	1.5	ANNUAL	SRCGP7	5	
595613.2	4130014	1.66829	42.71	42.71	1.5	ANNUAL	SRCGP7	5	
595633.2	4130014	1.76203	42.7	42.7	1.5	ANNUAL	SRCGP7	5	
595673.2	4130014	1.90077	42.38	42.38	1.5	ANNUAL	SRCGP7	5	
595693.2	4130014	1.93943	42.53	42.53	1.5	ANNUAL	SRCGP7	5	
595713.2	4130014	1.96465	42.41	42.41	1.5	ANNUAL	SRCGP7	5	
595733.2	4130014	1.97538	42.26	42.26	1.5	ANNUAL	SRCGP7	5	
595773.2	4130014	1.95285	42.18	42.18	1.5	ANNUAL	SRCGP7	5	
595793.2	4130014	1.92523	42.11	42.11	1.5	ANNUAL	SRCGP7	5	
595473.2	4130034	0.95276	42.9	42.9	1.5	ANNUAL	SRCGP7	5	
595513.2	4130034	1.2366	42.74	42.74	1.5	ANNUAL	SRCGP7	5	
595533.2	4130034	1.38935	42.76	42.76	1.5	ANNUAL	SRCGP7	5	
595553.2	4130034	1.54218	42.76	42.76	1.5	ANNUAL	SRCGP7	5	
595593.2	4130034	1.82537	42.44	42.44	1.5	ANNUAL	SRCGP7	5	
595613.2	4130034	1.93551	42.69	42.69	1.5	ANNUAL	SRCGP7	5	
595633.2	4130034	2.02984	42.61	42.61	1.5	ANNUAL	SRCGP7	5	
595673.2	4130034	2.15528	42.24	42.24	1.5	ANNUAL	SRCGP7	5	
595693.2	4130034	2.18024	42.43	42.43	1.5	ANNUAL	SRCGP7	5	
595713.2	4130034	2.19087	42.32	42.32	1.5	ANNUAL	SRCGP7	5	
595733.2	4130034	2.18384	42.22	42.22	1.5	ANNUAL	SRCGP7	5	
595773.2	4130034	2.12525	42.14	42.14	1.5	ANNUAL	SRCGP7	5	
595793.2	4130034	2.07896	42.03	42.03	1.5	ANNUAL	SRCGP7	5	
595473.2	4130054	1.12895	42.8	42.8	1.5	ANNUAL	SRCGP7	5	
595513.2	4130054	1.47635	42.61	42.61	1.5	ANNUAL	SRCGP7	5	
595533.2	4130054	1.65855	42.57	42.57	1.5	ANNUAL	SRCGP7	5	
595553.2	4130054	1.83371	42.62	42.62	1.5	ANNUAL	SRCGP7	5	
595593.2	4130054	2.14147	42.34	42.34	1.5	ANNUAL	SRCGP7	5	
595613.2	4130054	2.2516	42.59	42.59	1.5	ANNUAL	SRCGP7	5	
595633.2	4130054	2.34067	42.49	42.49	1.5	ANNUAL	SRCGP7	5	
595673.2	4130054	2.43939	42.16	42.16	1.5	ANNUAL	SRCGP7	5	
595693.2	4130054	2.44618	42.29	42.29	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595713.2	4130054	2.43495	42.22	42.22	1.5	ANNUAL	SRCGP7	5	
595733.2	4130054	2.40589	42.09	42.09	1.5	ANNUAL	SRCGP7	5	
595773.2	4130054	2.29774	42.19	42.19	1.5	ANNUAL	SRCGP7	5	
595793.2	4130054	2.23075	41.9	41.9	1.5	ANNUAL	SRCGP7	5	
595473.2	4130074	1.35519	42.7	42.7	1.5	ANNUAL	SRCGP7	5	
595513.2	4130074	1.78248	42.43	42.43	1.5	ANNUAL	SRCGP7	5	
595533.2	4130074	1.99418	42.53	42.53	1.5	ANNUAL	SRCGP7	5	
595553.2	4130074	2.19474	42.49	42.49	1.5	ANNUAL	SRCGP7	5	
595593.2	4130074	2.52018	42.2	42.2	1.5	ANNUAL	SRCGP7	5	
595613.2	4130074	2.62562	42.35	42.35	1.5	ANNUAL	SRCGP7	5	
595633.2	4130074	2.6983	42.38	42.38	1.5	ANNUAL	SRCGP7	5	
595673.2	4130074	2.75447	42.03	42.03	1.5	ANNUAL	SRCGP7	5	
595693.2	4130074	2.73292	42.2	42.2	1.5	ANNUAL	SRCGP7	5	
595713.2	4130074	2.69185	42.18	42.18	1.5	ANNUAL	SRCGP7	5	
595733.2	4130074	2.63389	42.01	42.01	1.5	ANNUAL	SRCGP7	5	
595773.2	4130074	2.46873	41.96	41.96	1.5	ANNUAL	SRCGP7	5	
595793.2	4130074	2.37258	41.81	41.81	1.5	ANNUAL	SRCGP7	5	
595473.2	4130094	1.6504	42.58	42.58	1.5	ANNUAL	SRCGP7	5	
595513.2	4130094	2.17253	42.37	42.37	1.5	ANNUAL	SRCGP7	5	
595533.2	4130094	2.42016	42.4	42.4	1.5	ANNUAL	SRCGP7	5	
595553.2	4130094	2.64179	42.37	42.37	1.5	ANNUAL	SRCGP7	5	
595593.2	4130094	2.96743	42.17	42.17	1.5	ANNUAL	SRCGP7	5	
595613.2	4130094	3.05568	42.32	42.32	1.5	ANNUAL	SRCGP7	5	
595633.2	4130094	3.1037	42.33	42.33	1.5	ANNUAL	SRCGP7	5	
595673.2	4130094	3.09438	41.97	41.97	1.5	ANNUAL	SRCGP7	5	
595693.2	4130094	3.03537	42.11	42.11	1.5	ANNUAL	SRCGP7	5	
595713.2	4130094	2.95571	42.1	42.1	1.5	ANNUAL	SRCGP7	5	
595733.2	4130094	2.86083	41.88	41.88	1.5	ANNUAL	SRCGP7	5	
595773.2	4130094	2.62543	41.82	41.82	1.5	ANNUAL	SRCGP7	5	
595793.2	4130094	2.49803	41.67	41.67	1.5	ANNUAL	SRCGP7	5	
595473.2	4130114	2.03866	42.56	42.56	1.5	ANNUAL	SRCGP7	5	
595513.2	4130114	2.67629	42.3	42.3	1.5	ANNUAL	SRCGP7	5	
595533.2	4130114	2.95957	42.26	42.26	1.5	ANNUAL	SRCGP7	5	
595553.2	4130114	3.19617	42.21	42.21	1.5	ANNUAL	SRCGP7	5	
595593.2	4130114	3.49764	42.02	42.02	1.5	ANNUAL	SRCGP7	5	
595613.2	4130114	3.54941	42.27	42.27	1.5	ANNUAL	SRCGP7	5	
595633.2	4130114	3.56039	42.14	42.14	1.5	ANNUAL	SRCGP7	5	
595673.2	4130114	3.45291	41.87	41.87	1.5	ANNUAL	SRCGP7	5	
595693.2	4130114	3.34418	41.98	41.98	1.5	ANNUAL	SRCGP7	5	
595713.2	4130114	3.21637	41.93	41.93	1.5	ANNUAL	SRCGP7	5	
595733.2	4130114	3.07446	41.76	41.76	1.5	ANNUAL	SRCGP7	5	
595773.2	4130114	2.75859	41.7	41.7	1.5	ANNUAL	SRCGP7	5	
595793.2	4130114	2.59809	41.51	41.51	1.5	ANNUAL	SRCGP7	5	
595473.2	4130134	2.56455	42.41	42.41	1.5	ANNUAL	SRCGP7	5	
595513.2	4130134	3.32927	42.23	42.23	1.5	ANNUAL	SRCGP7	5	
595533.2	4130134	3.63974	42.17	42.17	1.5	ANNUAL	SRCGP7	5	
595553.2	4130134	3.87393	42.16	42.16	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595593.2	4130134	4.10814	42	42	1.5	ANNUAL	SRCGP7	5	
595613.2	4130134	4.10649	42.16	42.16	1.5	ANNUAL	SRCGP7	5	
595633.2	4130134	4.05233	42.11	42.11	1.5	ANNUAL	SRCGP7	5	
595673.2	4130134	3.81483	41.76	41.76	1.5	ANNUAL	SRCGP7	5	
595693.2	4130134	3.64059	41.95	41.95	1.5	ANNUAL	SRCGP7	5	
595713.2	4130134	3.45487	41.85	41.85	1.5	ANNUAL	SRCGP7	5	
595733.2	4130134	3.25981	41.68	41.68	1.5	ANNUAL	SRCGP7	5	
595773.2	4130134	2.85718	41.62	41.62	1.5	ANNUAL	SRCGP7	5	
595793.2	4130134	2.663	41.43	41.43	1.5	ANNUAL	SRCGP7	5	
594298	4130502	0.07608	42.76	42.76	1.5	ANNUAL	SRCGP7	5	
594318	4130502	0.07908	42.79	42.79	1.5	ANNUAL	SRCGP7	5	
594338	4130502	0.08229	42.79	42.79	1.5	ANNUAL	SRCGP7	5	
594358	4130502	0.08577	42.61	42.61	1.5	ANNUAL	SRCGP7	5	
594378	4130502	0.08949	42.45	42.45	1.5	ANNUAL	SRCGP7	5	
594398	4130502	0.09343	42.44	42.44	1.5	ANNUAL	SRCGP7	5	
594418	4130502	0.09761	42.6	42.6	1.5	ANNUAL	SRCGP7	5	
594438	4130502	0.10228	42.24	42.24	1.5	ANNUAL	SRCGP7	5	
594458	4130502	0.10717	42.35	42.35	1.5	ANNUAL	SRCGP7	5	
594498	4130502	0.11825	42.37	42.37	1.5	ANNUAL	SRCGP7	5	
594518	4130502	0.12438	42.63	42.63	1.5	ANNUAL	SRCGP7	5	
594538	4130502	0.13119	42.53	42.53	1.5	ANNUAL	SRCGP7	5	
594298	4130522	0.07946	42.61	42.61	1.5	ANNUAL	SRCGP7	5	
594318	4130522	0.08271	42.51	42.51	1.5	ANNUAL	SRCGP7	5	
594338	4130522	0.08623	42.22	42.22	1.5	ANNUAL	SRCGP7	5	
594358	4130522	0.08989	42.44	42.44	1.5	ANNUAL	SRCGP7	5	
594378	4130522	0.09394	42.11	42.11	1.5	ANNUAL	SRCGP7	5	
594398	4130522	0.09822	42.04	42.04	1.5	ANNUAL	SRCGP7	5	
594418	4130522	0.10282	42.03	42.03	1.5	ANNUAL	SRCGP7	5	
594438	4130522	0.10779	41.99	41.99	1.5	ANNUAL	SRCGP7	5	
594458	4130522	0.11311	42.1	42.1	1.5	ANNUAL	SRCGP7	5	
594498	4130522	0.12517	42.08	42.08	1.5	ANNUAL	SRCGP7	5	
594518	4130522	0.13204	41.98	41.98	1.5	ANNUAL	SRCGP7	5	
594538	4130522	0.13937	42.22	42.22	1.5	ANNUAL	SRCGP7	5	
594298	4130542	0.08305	42.39	42.39	1.5	ANNUAL	SRCGP7	5	
594318	4130542	0.08654	42.35	42.35	1.5	ANNUAL	SRCGP7	5	
594358	4130542	0.09435	41.94	41.94	1.5	ANNUAL	SRCGP7	5	
594418	4130542	0.10828	41.79	41.79	1.5	ANNUAL	SRCGP7	5	
594438	4130542	0.11366	41.78	41.78	1.5	ANNUAL	SRCGP7	5	
594458	4130542	0.11938	41.99	41.99	1.5	ANNUAL	SRCGP7	5	
594498	4130542	0.13249	42	42	1.5	ANNUAL	SRCGP7	5	
594518	4130542	0.14006	41.79	41.79	1.5	ANNUAL	SRCGP7	5	
594538	4130542	0.14805	42.03	42.03	1.5	ANNUAL	SRCGP7	5	
594298	4130562	0.0869	42.12	42.12	1.5	ANNUAL	SRCGP7	5	
594318	4130562	0.09072	41.8	41.8	1.5	ANNUAL	SRCGP7	5	
594798	4130622	0.49213	40.79	40.79	1.5	ANNUAL	SRCGP7	5	
594818	4130622	0.53764	40.8	40.8	1.5	ANNUAL	SRCGP7	5	
594838	4130622	0.58837	40.83	40.83	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130622	0.64446	41.04	41.04	1.5	ANNUAL	SRCGP7	5	
594878	4130622	0.70732	41.03	41.03	1.5	ANNUAL	SRCGP7	5	
594898	4130622	0.77724	40.95	40.95	1.5	ANNUAL	SRCGP7	5	
594918	4130622	0.85495	40.75	40.75	1.5	ANNUAL	SRCGP7	5	
594938	4130622	0.93914	40.91	40.91	1.5	ANNUAL	SRCGP7	5	
594958	4130622	1.0309	41.06	41.06	1.5	ANNUAL	SRCGP7	5	
594978	4130622	1.13177	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
594998	4130622	1.23867	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
595018	4130622	1.35154	40.76	40.76	1.5	ANNUAL	SRCGP7	5	
595038	4130622	1.46676	40.9	40.9	1.5	ANNUAL	SRCGP7	5	
595058	4130622	1.58376	40.93	40.93	1.5	ANNUAL	SRCGP7	5	
595078	4130622	1.69955	40.84	40.84	1.5	ANNUAL	SRCGP7	5	
595118	4130622	1.90799	40.61	40.61	1.5	ANNUAL	SRCGP7	5	
595138	4130622	1.99006	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
595158	4130622	2.05173	40.48	40.48	1.5	ANNUAL	SRCGP7	5	
595198	4130622	2.1077	40.38	40.38	1.5	ANNUAL	SRCGP7	5	
595218	4130622	2.10949	40.2	40.2	1.5	ANNUAL	SRCGP7	5	
595238	4130622	2.0953	40.28	40.28	1.5	ANNUAL	SRCGP7	5	
595578	4130622	0.52297	39.46	39.46	1.5	ANNUAL	SRCGP7	5	
595598	4130622	0.49493	39.52	39.52	1.5	ANNUAL	SRCGP7	5	
595618	4130622	0.46965	39.49	39.49	1.5	ANNUAL	SRCGP7	5	
595638	4130622	0.4466	39.43	39.43	1.5	ANNUAL	SRCGP7	5	
595658	4130622	0.42541	39.48	39.48	1.5	ANNUAL	SRCGP7	5	
595678	4130622	0.40545	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
595778	4130622	0.32067	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
594758	4130642	0.43517	40.38	40.38	1.5	ANNUAL	SRCGP7	5	
594778	4130642	0.47212	40.61	40.61	1.5	ANNUAL	SRCGP7	5	
594798	4130642	0.51336	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
594818	4130642	0.55891	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
594838	4130642	0.60919	40.56	40.56	1.5	ANNUAL	SRCGP7	5	
594858	4130642	0.66425	40.68	40.68	1.5	ANNUAL	SRCGP7	5	
594878	4130642	0.72491	40.67	40.67	1.5	ANNUAL	SRCGP7	5	
594898	4130642	0.79108	40.69	40.69	1.5	ANNUAL	SRCGP7	5	
594918	4130642	0.86352	40.52	40.52	1.5	ANNUAL	SRCGP7	5	
594938	4130642	0.94016	40.8	40.8	1.5	ANNUAL	SRCGP7	5	
594958	4130642	1.0228	40.82	40.82	1.5	ANNUAL	SRCGP7	5	
594978	4130642	1.11027	40.77	40.77	1.5	ANNUAL	SRCGP7	5	
594998	4130642	1.2018	40.68	40.68	1.5	ANNUAL	SRCGP7	5	
595018	4130642	1.29545	40.57	40.57	1.5	ANNUAL	SRCGP7	5	
595038	4130642	1.38694	40.79	40.79	1.5	ANNUAL	SRCGP7	5	
595058	4130642	1.47759	40.77	40.77	1.5	ANNUAL	SRCGP7	5	
595078	4130642	1.56369	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
595118	4130642	1.70603	40.47	40.47	1.5	ANNUAL	SRCGP7	5	
595138	4130642	1.75571	40.42	40.42	1.5	ANNUAL	SRCGP7	5	
595158	4130642	1.78804	40.41	40.41	1.5	ANNUAL	SRCGP7	5	
595198	4130642	1.80717	40.25	40.25	1.5	ANNUAL	SRCGP7	5	
595218	4130642	1.79964	40.07	40.07	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595238	4130642	1.78588	39.92	39.92	1.5	ANNUAL	SRCGP7	5	
595278	4130642	1.73252	39.83	39.83	1.5	ANNUAL	SRCGP7	5	
595298	4130642	1.6741	40.01	40.01	1.5	ANNUAL	SRCGP7	5	
595318	4130642	1.58122	40.05	40.05	1.5	ANNUAL	SRCGP7	5	
595338	4130642	1.45378	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
595378	4130642	1.14772	39.67	39.67	1.5	ANNUAL	SRCGP7	5	
595398	4130642	1.00593	39.65	39.65	1.5	ANNUAL	SRCGP7	5	
595418	4130642	0.88718	39.52	39.52	1.5	ANNUAL	SRCGP7	5	
595438	4130642	0.79371	39.45	39.45	1.5	ANNUAL	SRCGP7	5	
595478	4130642	0.66281	39.63	39.63	1.5	ANNUAL	SRCGP7	5	
595498	4130642	0.61287	39.45	39.45	1.5	ANNUAL	SRCGP7	5	
595518	4130642	0.57029	39.44	39.44	1.5	ANNUAL	SRCGP7	5	
595538	4130642	0.53354	39.56	39.56	1.5	ANNUAL	SRCGP7	5	
595578	4130642	0.4722	39.18	39.18	1.5	ANNUAL	SRCGP7	5	
595598	4130642	0.44755	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595618	4130642	0.42558	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
595638	4130642	0.40596	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595658	4130642	0.3879	39.18	39.18	1.5	ANNUAL	SRCGP7	5	
595678	4130642	0.37118	39.21	39.21	1.5	ANNUAL	SRCGP7	5	
595718	4130642	0.34017	39.19	39.19	1.5	ANNUAL	SRCGP7	5	
595738	4130642	0.32589	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
595758	4130642	0.31195	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595778	4130642	0.29881	38.99	38.99	1.5	ANNUAL	SRCGP7	5	
594538	4130662	0.20792	40.75	40.75	1.5	ANNUAL	SRCGP7	5	
594558	4130662	0.22147	40.57	40.57	1.5	ANNUAL	SRCGP7	5	
594578	4130662	0.23612	40.72	40.72	1.5	ANNUAL	SRCGP7	5	
594598	4130662	0.25225	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
594618	4130662	0.26996	40.51	40.51	1.5	ANNUAL	SRCGP7	5	
594718	4130662	0.38765	40.36	40.36	1.5	ANNUAL	SRCGP7	5	
594738	4130662	0.41869	40.07	40.07	1.5	ANNUAL	SRCGP7	5	
594758	4130662	0.45262	40.08	40.08	1.5	ANNUAL	SRCGP7	5	
594778	4130662	0.48988	40.2	40.2	1.5	ANNUAL	SRCGP7	5	
594798	4130662	0.53068	40.23	40.23	1.5	ANNUAL	SRCGP7	5	
594818	4130662	0.57521	40.31	40.31	1.5	ANNUAL	SRCGP7	5	
594838	4130662	0.62399	40.25	40.25	1.5	ANNUAL	SRCGP7	5	
594858	4130662	0.67656	40.41	40.41	1.5	ANNUAL	SRCGP7	5	
594878	4130662	0.7336	40.45	40.45	1.5	ANNUAL	SRCGP7	5	
594898	4130662	0.79481	40.5	40.5	1.5	ANNUAL	SRCGP7	5	
594918	4130662	0.86078	40.3	40.3	1.5	ANNUAL	SRCGP7	5	
594938	4130662	0.92906	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
594958	4130662	1.00065	40.72	40.72	1.5	ANNUAL	SRCGP7	5	
594978	4130662	1.07597	40.49	40.49	1.5	ANNUAL	SRCGP7	5	
594998	4130662	1.15115	40.57	40.57	1.5	ANNUAL	SRCGP7	5	
595018	4130662	1.22682	40.43	40.43	1.5	ANNUAL	SRCGP7	5	
595038	4130662	1.29721	40.73	40.73	1.5	ANNUAL	SRCGP7	5	
595058	4130662	1.36621	40.58	40.58	1.5	ANNUAL	SRCGP7	5	
595078	4130662	1.42829	40.44	40.44	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595118	4130662	1.52141	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595138	4130662	1.54883	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595158	4130662	1.56311	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595198	4130662	1.5621	40.08	40.08	1.5	ANNUAL	SRCGP7	5	
595218	4130662	1.55227	39.97	39.97	1.5	ANNUAL	SRCGP7	5	
595238	4130662	1.5396	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
595278	4130662	1.49135	39.73	39.73	1.5	ANNUAL	SRCGP7	5	
595298	4130662	1.43957	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
595318	4130662	1.36023	39.83	39.83	1.5	ANNUAL	SRCGP7	5	
595338	4130662	1.25448	39.72	39.72	1.5	ANNUAL	SRCGP7	5	
595378	4130662	1.00429	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
595398	4130662	0.88733	39.53	39.53	1.5	ANNUAL	SRCGP7	5	
595418	4130662	0.78776	39.37	39.37	1.5	ANNUAL	SRCGP7	5	
595438	4130662	0.70832	39.33	39.33	1.5	ANNUAL	SRCGP7	5	
595478	4130662	0.59559	39.44	39.44	1.5	ANNUAL	SRCGP7	5	
595498	4130662	0.55304	39.42	39.42	1.5	ANNUAL	SRCGP7	5	
595518	4130662	0.51615	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
595538	4130662	0.48384	39.41	39.41	1.5	ANNUAL	SRCGP7	5	
595578	4130662	0.42956	39.06	39.06	1.5	ANNUAL	SRCGP7	5	
595598	4130662	0.40748	39	39	1.5	ANNUAL	SRCGP7	5	
595618	4130662	0.38819	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595638	4130662	0.37076	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595658	4130662	0.35505	39	39	1.5	ANNUAL	SRCGP7	5	
595678	4130662	0.34053	39	39	1.5	ANNUAL	SRCGP7	5	
595698	4130662	0.32718	39.07	39.07	1.5	ANNUAL	SRCGP7	5	
595718	4130662	0.31417	38.94	38.94	1.5	ANNUAL	SRCGP7	5	
595738	4130662	0.30211	39.1	39.1	1.5	ANNUAL	SRCGP7	5	
595758	4130662	0.29032	39	39	1.5	ANNUAL	SRCGP7	5	
595778	4130662	0.27913	39.01	39.01	1.5	ANNUAL	SRCGP7	5	
595798	4130662	0.26812	38.79	38.79	1.5	ANNUAL	SRCGP7	5	
594418	4130682	0.15428	40.87	40.87	1.5	ANNUAL	SRCGP7	5	
594438	4130682	0.16285	40.87	40.87	1.5	ANNUAL	SRCGP7	5	
594458	4130682	0.17221	40.79	40.79	1.5	ANNUAL	SRCGP7	5	
594478	4130682	0.18234	40.7	40.7	1.5	ANNUAL	SRCGP7	5	
594498	4130682	0.19319	40.83	40.83	1.5	ANNUAL	SRCGP7	5	
594518	4130682	0.20519	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
594538	4130682	0.21815	40.52	40.52	1.5	ANNUAL	SRCGP7	5	
594558	4130682	0.23225	40.43	40.43	1.5	ANNUAL	SRCGP7	5	
594578	4130682	0.24752	40.5	40.5	1.5	ANNUAL	SRCGP7	5	
594598	4130682	0.26417	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
594618	4130682	0.2824	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
594718	4130682	0.40222	40.22	40.22	1.5	ANNUAL	SRCGP7	5	
594738	4130682	0.43312	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
594758	4130682	0.46675	39.86	39.86	1.5	ANNUAL	SRCGP7	5	
594778	4130682	0.50332	39.95	39.95	1.5	ANNUAL	SRCGP7	5	
594798	4130682	0.54296	40.09	40.09	1.5	ANNUAL	SRCGP7	5	
594818	4130682	0.5858	40.15	40.15	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594838	4130682	0.63195	39.99	39.99	1.5	ANNUAL	SRCGP7	5	
594858	4130682	0.68136	40.12	40.12	1.5	ANNUAL	SRCGP7	5	
594878	4130682	0.73396	40.23	40.23	1.5	ANNUAL	SRCGP7	5	
594898	4130682	0.7893	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
594918	4130682	0.84768	40.08	40.08	1.5	ANNUAL	SRCGP7	5	
594938	4130682	0.90749	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
594958	4130682	0.96888	40.38	40.38	1.5	ANNUAL	SRCGP7	5	
594978	4130682	1.03075	40.39	40.39	1.5	ANNUAL	SRCGP7	5	
594998	4130682	1.09189	40.4	40.4	1.5	ANNUAL	SRCGP7	5	
595018	4130682	1.15111	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595038	4130682	1.20424	40.62	40.62	1.5	ANNUAL	SRCGP7	5	
595058	4130682	1.25478	40.47	40.47	1.5	ANNUAL	SRCGP7	5	
595078	4130682	1.29692	40.48	40.48	1.5	ANNUAL	SRCGP7	5	
595118	4130682	1.35479	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
595138	4130682	1.36913	40.12	40.12	1.5	ANNUAL	SRCGP7	5	
595158	4130682	1.3728	40.21	40.21	1.5	ANNUAL	SRCGP7	5	
595198	4130682	1.36208	40.01	40.01	1.5	ANNUAL	SRCGP7	5	
595218	4130682	1.35268	39.99	39.99	1.5	ANNUAL	SRCGP7	5	
595238	4130682	1.34159	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
595278	4130682	1.29683	39.63	39.63	1.5	ANNUAL	SRCGP7	5	
595298	4130682	1.25135	39.76	39.76	1.5	ANNUAL	SRCGP7	5	
595318	4130682	1.18292	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
595338	4130682	1.0933	39.6	39.6	1.5	ANNUAL	SRCGP7	5	
595378	4130682	0.8861	39.42	39.42	1.5	ANNUAL	SRCGP7	5	
595398	4130682	0.78919	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
595418	4130682	0.70413	39.14	39.14	1.5	ANNUAL	SRCGP7	5	
595438	4130682	0.63582	39.06	39.06	1.5	ANNUAL	SRCGP7	5	
595478	4130682	0.5386	39.32	39.32	1.5	ANNUAL	SRCGP7	5	
595498	4130682	0.50174	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
595518	4130682	0.4698	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
595538	4130682	0.44154	39.33	39.33	1.5	ANNUAL	SRCGP7	5	
595578	4130682	0.3936	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
595598	4130682	0.37389	39.25	39.25	1.5	ANNUAL	SRCGP7	5	
595618	4130682	0.35637	39.27	39.27	1.5	ANNUAL	SRCGP7	5	
595638	4130682	0.34077	39.21	39.21	1.5	ANNUAL	SRCGP7	5	
595658	4130682	0.3266	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595678	4130682	0.31389	39.14	39.14	1.5	ANNUAL	SRCGP7	5	
595698	4130682	0.30187	38.92	38.92	1.5	ANNUAL	SRCGP7	5	
595718	4130682	0.29065	38.79	38.79	1.5	ANNUAL	SRCGP7	5	
595738	4130682	0.28042	38.98	38.98	1.5	ANNUAL	SRCGP7	5	
595758	4130682	0.27039	39.06	39.06	1.5	ANNUAL	SRCGP7	5	
595778	4130682	0.2607	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595798	4130682	0.25094	38.55	38.55	1.5	ANNUAL	SRCGP7	5	
594318	4130702	0.12529	40.53	40.53	1.5	ANNUAL	SRCGP7	5	
594338	4130702	0.13148	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
594358	4130702	0.13821	40.54	40.54	1.5	ANNUAL	SRCGP7	5	
594378	4130702	0.14537	40.63	40.63	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130702	0.15308	40.66	40.66	1.5	ANNUAL	SRCGP7	5	
594418	4130702	0.16151	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
594438	4130702	0.17046	40.63	40.63	1.5	ANNUAL	SRCGP7	5	
594458	4130702	0.18029	40.56	40.56	1.5	ANNUAL	SRCGP7	5	
594478	4130702	0.19081	40.52	40.52	1.5	ANNUAL	SRCGP7	5	
594498	4130702	0.20214	40.64	40.64	1.5	ANNUAL	SRCGP7	5	
594518	4130702	0.2146	40.46	40.46	1.5	ANNUAL	SRCGP7	5	
594538	4130702	0.22797	40.44	40.44	1.5	ANNUAL	SRCGP7	5	
594558	4130702	0.24259	40.3	40.3	1.5	ANNUAL	SRCGP7	5	
594578	4130702	0.25838	40.29	40.29	1.5	ANNUAL	SRCGP7	5	
594598	4130702	0.2755	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
594618	4130702	0.29418	40.16	40.16	1.5	ANNUAL	SRCGP7	5	
595278	4130702	1.13812	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
595298	4130702	1.09719	39.58	39.58	1.5	ANNUAL	SRCGP7	5	
595318	4130702	1.03863	39.73	39.73	1.5	ANNUAL	SRCGP7	5	
595338	4130702	0.96222	39.54	39.54	1.5	ANNUAL	SRCGP7	5	
595378	4130702	0.78845	39.34	39.34	1.5	ANNUAL	SRCGP7	5	
595398	4130702	0.70618	39.26	39.26	1.5	ANNUAL	SRCGP7	5	
595418	4130702	0.6339	39.02	39.02	1.5	ANNUAL	SRCGP7	5	
595438	4130702	0.57455	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
595478	4130702	0.4895	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
595498	4130702	0.45747	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595518	4130702	0.42971	39.25	39.25	1.5	ANNUAL	SRCGP7	5	
595538	4130702	0.40476	39.18	39.18	1.5	ANNUAL	SRCGP7	5	
595578	4130702	0.36228	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595598	4130702	0.34434	39.18	39.18	1.5	ANNUAL	SRCGP7	5	
595618	4130702	0.32852	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
595638	4130702	0.31412	39.09	39.09	1.5	ANNUAL	SRCGP7	5	
595658	4130702	0.3012	38.86	38.86	1.5	ANNUAL	SRCGP7	5	
595678	4130702	0.28993	38.95	38.95	1.5	ANNUAL	SRCGP7	5	
595698	4130702	0.27935	38.87	38.87	1.5	ANNUAL	SRCGP7	5	
595718	4130702	0.2699	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
595738	4130702	0.26083	39.16	39.16	1.5	ANNUAL	SRCGP7	5	
595758	4130702	0.25209	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595778	4130702	0.24384	39.18	39.18	1.5	ANNUAL	SRCGP7	5	
595798	4130702	0.2355	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
594318	4130722	0.13075	40.39	40.39	1.5	ANNUAL	SRCGP7	5	
594338	4130722	0.13724	40.5	40.5	1.5	ANNUAL	SRCGP7	5	
594358	4130722	0.14427	40.44	40.44	1.5	ANNUAL	SRCGP7	5	
594378	4130722	0.15183	40.39	40.39	1.5	ANNUAL	SRCGP7	5	
594398	4130722	0.15989	40.45	40.45	1.5	ANNUAL	SRCGP7	5	
594418	4130722	0.1686	40.52	40.52	1.5	ANNUAL	SRCGP7	5	
594438	4130722	0.17797	40.47	40.47	1.5	ANNUAL	SRCGP7	5	
594458	4130722	0.18815	40.39	40.39	1.5	ANNUAL	SRCGP7	5	
594478	4130722	0.19906	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
594498	4130722	0.21083	40.43	40.43	1.5	ANNUAL	SRCGP7	5	
594518	4130722	0.22354	40.38	40.38	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594538	4130722	0.2374	40.27	40.27	1.5	ANNUAL	SRCGP7	5	
594558	4130722	0.25231	40.13	40.13	1.5	ANNUAL	SRCGP7	5	
594578	4130722	0.2684	40.15	40.15	1.5	ANNUAL	SRCGP7	5	
594598	4130722	0.28581	40.1	40.1	1.5	ANNUAL	SRCGP7	5	
594618	4130722	0.30464	40.04	40.04	1.5	ANNUAL	SRCGP7	5	
594678	4130722	0.37061	40.05	40.05	1.5	ANNUAL	SRCGP7	5	
594698	4130722	0.39613	40.01	40.01	1.5	ANNUAL	SRCGP7	5	
594718	4130722	0.42349	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
594758	4130722	0.48405	39.57	39.57	1.5	ANNUAL	SRCGP7	5	
594778	4130722	0.51761	39.66	39.66	1.5	ANNUAL	SRCGP7	5	
594798	4130722	0.55296	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
594818	4130722	0.59027	39.62	39.62	1.5	ANNUAL	SRCGP7	5	
594838	4130722	0.62931	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
594858	4130722	0.67023	39.71	39.71	1.5	ANNUAL	SRCGP7	5	
594878	4130722	0.71209	39.69	39.69	1.5	ANNUAL	SRCGP7	5	
594898	4130722	0.75487	39.71	39.71	1.5	ANNUAL	SRCGP7	5	
594938	4130722	0.84116	39.8	39.8	1.5	ANNUAL	SRCGP7	5	
594958	4130722	0.88309	40.05	40.05	1.5	ANNUAL	SRCGP7	5	
594978	4130722	0.92336	40.13	40.13	1.5	ANNUAL	SRCGP7	5	
594998	4130722	0.96093	40.18	40.18	1.5	ANNUAL	SRCGP7	5	
595018	4130722	0.99498	40.07	40.07	1.5	ANNUAL	SRCGP7	5	
595038	4130722	1.0238	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
595058	4130722	1.04818	40.18	40.18	1.5	ANNUAL	SRCGP7	5	
595078	4130722	1.06571	40.08	40.08	1.5	ANNUAL	SRCGP7	5	
595118	4130722	1.08111	39.96	39.96	1.5	ANNUAL	SRCGP7	5	
595138	4130722	1.08017	39.98	39.98	1.5	ANNUAL	SRCGP7	5	
595158	4130722	1.07554	39.92	39.92	1.5	ANNUAL	SRCGP7	5	
595198	4130722	1.06226	39.74	39.74	1.5	ANNUAL	SRCGP7	5	
595218	4130722	1.05545	39.74	39.74	1.5	ANNUAL	SRCGP7	5	
595238	4130722	1.04673	39.7	39.7	1.5	ANNUAL	SRCGP7	5	
595278	4130722	1.00789	39.52	39.52	1.5	ANNUAL	SRCGP7	5	
595298	4130722	0.97136	39.66	39.66	1.5	ANNUAL	SRCGP7	5	
595318	4130722	0.91897	39.58	39.58	1.5	ANNUAL	SRCGP7	5	
595338	4130722	0.8539	39.48	39.48	1.5	ANNUAL	SRCGP7	5	
595378	4130722	0.70639	39.23	39.23	1.5	ANNUAL	SRCGP7	5	
595398	4130722	0.63622	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
595418	4130722	0.57405	38.92	38.92	1.5	ANNUAL	SRCGP7	5	
595438	4130722	0.52201	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
595478	4130722	0.4473	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595498	4130722	0.419	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595518	4130722	0.3945	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595538	4130722	0.37268	39.06	39.06	1.5	ANNUAL	SRCGP7	5	
595578	4130722	0.33488	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595598	4130722	0.31873	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
595618	4130722	0.30404	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
595638	4130722	0.29106	39.03	39.03	1.5	ANNUAL	SRCGP7	5	
595658	4130722	0.27915	38.75	38.75	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595678	4130722	0.26922	39.21	39.21	1.5	ANNUAL	SRCGP7	5	
595698	4130722	0.25937	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
595718	4130722	0.25105	39.14	39.14	1.5	ANNUAL	SRCGP7	5	
595738	4130722	0.24295	39.11	39.11	1.5	ANNUAL	SRCGP7	5	
595758	4130722	0.23521	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595778	4130722	0.22801	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
595798	4130722	0.22071	38.73	38.73	1.5	ANNUAL	SRCGP7	5	
594318	4130742	0.13621	40.35	40.35	1.5	ANNUAL	SRCGP7	5	
594338	4130742	0.143	40.33	40.33	1.5	ANNUAL	SRCGP7	5	
594358	4130742	0.15032	40.36	40.36	1.5	ANNUAL	SRCGP7	5	
594378	4130742	0.15813	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
594398	4130742	0.16656	40.33	40.33	1.5	ANNUAL	SRCGP7	5	
594418	4130742	0.17552	40.49	40.49	1.5	ANNUAL	SRCGP7	5	
594438	4130742	0.18522	40.38	40.38	1.5	ANNUAL	SRCGP7	5	
594458	4130742	0.19571	40.34	40.34	1.5	ANNUAL	SRCGP7	5	
594478	4130742	0.20693	40.18	40.18	1.5	ANNUAL	SRCGP7	5	
594498	4130742	0.21904	40.31	40.31	1.5	ANNUAL	SRCGP7	5	
594518	4130742	0.23204	40.28	40.28	1.5	ANNUAL	SRCGP7	5	
594538	4130742	0.2461	40.13	40.13	1.5	ANNUAL	SRCGP7	5	
594558	4130742	0.26118	40	40	1.5	ANNUAL	SRCGP7	5	
594578	4130742	0.27744	40.1	40.1	1.5	ANNUAL	SRCGP7	5	
594598	4130742	0.29491	40.02	40.02	1.5	ANNUAL	SRCGP7	5	
594618	4130742	0.31371	39.99	39.99	1.5	ANNUAL	SRCGP7	5	
594678	4130742	0.37869	40.1	40.1	1.5	ANNUAL	SRCGP7	5	
594698	4130742	0.40344	40.13	40.13	1.5	ANNUAL	SRCGP7	5	
594718	4130742	0.42989	39.83	39.83	1.5	ANNUAL	SRCGP7	5	
594758	4130742	0.48695	39.38	39.38	1.5	ANNUAL	SRCGP7	5	
594778	4130742	0.51826	39.5	39.5	1.5	ANNUAL	SRCGP7	5	
594798	4130742	0.55106	39.62	39.62	1.5	ANNUAL	SRCGP7	5	
594818	4130742	0.58447	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
594838	4130742	0.61952	39.39	39.39	1.5	ANNUAL	SRCGP7	5	
594858	4130742	0.65566	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
594878	4130742	0.69204	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
594898	4130742	0.72903	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
594938	4130742	0.80034	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
594958	4130742	0.83475	39.7	39.7	1.5	ANNUAL	SRCGP7	5	
594978	4130742	0.86639	39.95	39.95	1.5	ANNUAL	SRCGP7	5	
594998	4130742	0.89498	39.98	39.98	1.5	ANNUAL	SRCGP7	5	
595018	4130742	0.91988	39.9	39.9	1.5	ANNUAL	SRCGP7	5	
595038	4130742	0.94018	40.2	40.2	1.5	ANNUAL	SRCGP7	5	
595058	4130742	0.95543	40.15	40.15	1.5	ANNUAL	SRCGP7	5	
595078	4130742	0.96537	39.91	39.91	1.5	ANNUAL	SRCGP7	5	
595118	4130742	0.96982	39.9	39.9	1.5	ANNUAL	SRCGP7	5	
595138	4130742	0.96618	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
595158	4130742	0.9606	39.81	39.81	1.5	ANNUAL	SRCGP7	5	
595198	4130742	0.94855	39.63	39.63	1.5	ANNUAL	SRCGP7	5	
595218	4130742	0.94291	39.64	39.64	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595238	4130742	0.93489	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
595278	4130742	0.89864	39.44	39.44	1.5	ANNUAL	SRCGP7	5	
595298	4130742	0.86538	39.53	39.53	1.5	ANNUAL	SRCGP7	5	
595318	4130742	0.82002	39.62	39.62	1.5	ANNUAL	SRCGP7	5	
595338	4130742	0.76246	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
595378	4130742	0.63692	39.14	39.14	1.5	ANNUAL	SRCGP7	5	
595398	4130742	0.57696	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
595418	4130742	0.52262	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
595438	4130742	0.47688	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
595478	4130742	0.41059	38.99	38.99	1.5	ANNUAL	SRCGP7	5	
595498	4130742	0.38541	38.96	38.96	1.5	ANNUAL	SRCGP7	5	
595518	4130742	0.36367	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
595538	4130742	0.3444	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
595578	4130742	0.3109	38.98	38.98	1.5	ANNUAL	SRCGP7	5	
595598	4130742	0.29613	38.94	38.94	1.5	ANNUAL	SRCGP7	5	
595618	4130742	0.28291	39.05	39.05	1.5	ANNUAL	SRCGP7	5	
595638	4130742	0.27081	38.98	38.98	1.5	ANNUAL	SRCGP7	5	
595658	4130742	0.25992	38.75	38.75	1.5	ANNUAL	SRCGP7	5	
595678	4130742	0.25059	39.11	39.11	1.5	ANNUAL	SRCGP7	5	
595698	4130742	0.24178	38.87	38.87	1.5	ANNUAL	SRCGP7	5	
595718	4130742	0.23369	38.75	38.75	1.5	ANNUAL	SRCGP7	5	
595738	4130742	0.22647	38.75	38.75	1.5	ANNUAL	SRCGP7	5	
595758	4130742	0.21946	38.51	38.51	1.5	ANNUAL	SRCGP7	5	
595778	4130742	0.21315	38.66	38.66	1.5	ANNUAL	SRCGP7	5	
595798	4130742	0.20683	38.36	38.36	1.5	ANNUAL	SRCGP7	5	
594318	4130762	0.14165	40.07	40.07	1.5	ANNUAL	SRCGP7	5	
594338	4130762	0.14868	40.19	40.19	1.5	ANNUAL	SRCGP7	5	
594358	4130762	0.15628	40.21	40.21	1.5	ANNUAL	SRCGP7	5	
594378	4130762	0.16431	40.15	40.15	1.5	ANNUAL	SRCGP7	5	
594398	4130762	0.173	40.13	40.13	1.5	ANNUAL	SRCGP7	5	
594418	4130762	0.18224	40.32	40.32	1.5	ANNUAL	SRCGP7	5	
594438	4130762	0.19223	40.19	40.19	1.5	ANNUAL	SRCGP7	5	
594458	4130762	0.20293	40.12	40.12	1.5	ANNUAL	SRCGP7	5	
594478	4130762	0.21439	39.97	39.97	1.5	ANNUAL	SRCGP7	5	
594498	4130762	0.22661	40.31	40.31	1.5	ANNUAL	SRCGP7	5	
594518	4130762	0.23985	40.12	40.12	1.5	ANNUAL	SRCGP7	5	
594538	4130762	0.25399	39.93	39.93	1.5	ANNUAL	SRCGP7	5	
594558	4130762	0.26914	39.83	39.83	1.5	ANNUAL	SRCGP7	5	
594578	4130762	0.28537	40.05	40.05	1.5	ANNUAL	SRCGP7	5	
594598	4130762	0.30275	39.83	39.83	1.5	ANNUAL	SRCGP7	5	
594618	4130762	0.3213	39.76	39.76	1.5	ANNUAL	SRCGP7	5	
594678	4130762	0.38459	40.06	40.06	1.5	ANNUAL	SRCGP7	5	
594698	4130762	0.4082	39.96	39.96	1.5	ANNUAL	SRCGP7	5	
594718	4130762	0.43307	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
594758	4130762	0.48647	39.29	39.29	1.5	ANNUAL	SRCGP7	5	
594778	4130762	0.51511	39.34	39.34	1.5	ANNUAL	SRCGP7	5	
594798	4130762	0.54459	39.31	39.31	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594818	4130762	0.57493	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594838	4130762	0.60559	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
594858	4130762	0.63718	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594878	4130762	0.66812	39.2	39.2	1.5	ANNUAL	SRCGP7	5	
594898	4130762	0.69887	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
594938	4130762	0.75746	39.25	39.25	1.5	ANNUAL	SRCGP7	5	
594958	4130762	0.78512	39.53	39.53	1.5	ANNUAL	SRCGP7	5	
594978	4130762	0.80952	39.58	39.58	1.5	ANNUAL	SRCGP7	5	
594998	4130762	0.83108	39.66	39.66	1.5	ANNUAL	SRCGP7	5	
595018	4130762	0.84843	39.63	39.63	1.5	ANNUAL	SRCGP7	5	
595038	4130762	0.86214	39.86	39.86	1.5	ANNUAL	SRCGP7	5	
595058	4130762	0.87108	39.99	39.99	1.5	ANNUAL	SRCGP7	5	
595078	4130762	0.87562	39.88	39.88	1.5	ANNUAL	SRCGP7	5	
595118	4130762	0.87334	39.8	39.8	1.5	ANNUAL	SRCGP7	5	
595138	4130762	0.8686	39.76	39.76	1.5	ANNUAL	SRCGP7	5	
595158	4130762	0.86241	39.54	39.54	1.5	ANNUAL	SRCGP7	5	
595198	4130762	0.8531	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
595218	4130762	0.84866	39.72	39.72	1.5	ANNUAL	SRCGP7	5	
595238	4130762	0.83997	39.4	39.4	1.5	ANNUAL	SRCGP7	5	
595278	4130762	0.8065	39.37	39.37	1.5	ANNUAL	SRCGP7	5	
595298	4130762	0.77665	39.54	39.54	1.5	ANNUAL	SRCGP7	5	
595318	4130762	0.73517	39.29	39.29	1.5	ANNUAL	SRCGP7	5	
595338	4130762	0.68601	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
595378	4130762	0.57703	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
595398	4130762	0.52523	38.96	38.96	1.5	ANNUAL	SRCGP7	5	
595418	4130762	0.4776	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
595438	4130762	0.43772	38.57	38.57	1.5	ANNUAL	SRCGP7	5	
595478	4130762	0.37834	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
595498	4130762	0.35564	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595518	4130762	0.33637	38.74	38.74	1.5	ANNUAL	SRCGP7	5	
595538	4130762	0.31936	38.79	38.79	1.5	ANNUAL	SRCGP7	5	
595578	4130762	0.28961	38.93	38.93	1.5	ANNUAL	SRCGP7	5	
595598	4130762	0.27626	38.86	38.86	1.5	ANNUAL	SRCGP7	5	
595618	4130762	0.26416	38.97	38.97	1.5	ANNUAL	SRCGP7	5	
595638	4130762	0.25298	38.85	38.85	1.5	ANNUAL	SRCGP7	5	
595658	4130762	0.24277	38.66	38.66	1.5	ANNUAL	SRCGP7	5	
595678	4130762	0.23422	38.99	38.99	1.5	ANNUAL	SRCGP7	5	
595698	4130762	0.22597	38.85	38.85	1.5	ANNUAL	SRCGP7	5	
595718	4130762	0.21849	38.62	38.62	1.5	ANNUAL	SRCGP7	5	
595738	4130762	0.2119	38.66	38.66	1.5	ANNUAL	SRCGP7	5	
595758	4130762	0.20579	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
595778	4130762	0.19999	38.59	38.59	1.5	ANNUAL	SRCGP7	5	
595798	4130762	0.19444	38.48	38.48	1.5	ANNUAL	SRCGP7	5	
594318	4130782	0.14695	39.91	39.91	1.5	ANNUAL	SRCGP7	5	
594338	4130782	0.1542	40.03	40.03	1.5	ANNUAL	SRCGP7	5	
594358	4130782	0.162	40.08	40.08	1.5	ANNUAL	SRCGP7	5	
594378	4130782	0.17026	40.03	40.03	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130782	0.17918	39.95	39.95	1.5	ANNUAL	SRCGP7	5	
594418	4130782	0.18862	40.06	40.06	1.5	ANNUAL	SRCGP7	5	
594438	4130782	0.19881	39.99	39.99	1.5	ANNUAL	SRCGP7	5	
594458	4130782	0.20961	39.98	39.98	1.5	ANNUAL	SRCGP7	5	
594478	4130782	0.22124	39.94	39.94	1.5	ANNUAL	SRCGP7	5	
594498	4130782	0.23361	40.01	40.01	1.5	ANNUAL	SRCGP7	5	
594518	4130782	0.24684	39.94	39.94	1.5	ANNUAL	SRCGP7	5	
594538	4130782	0.26095	39.95	39.95	1.5	ANNUAL	SRCGP7	5	
594558	4130782	0.276	39.67	39.67	1.5	ANNUAL	SRCGP7	5	
594578	4130782	0.29206	39.9	39.9	1.5	ANNUAL	SRCGP7	5	
594598	4130782	0.3091	40	40	1.5	ANNUAL	SRCGP7	5	
594618	4130782	0.32724	39.76	39.76	1.5	ANNUAL	SRCGP7	5	
594678	4130782	0.38796	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
594698	4130782	0.4103	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
594718	4130782	0.43333	39.33	39.33	1.5	ANNUAL	SRCGP7	5	
594758	4130782	0.4824	39.1	39.1	1.5	ANNUAL	SRCGP7	5	
594778	4130782	0.50849	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
594798	4130782	0.53479	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
594818	4130782	0.5618	39.23	39.23	1.5	ANNUAL	SRCGP7	5	
594838	4130782	0.58809	38.93	38.93	1.5	ANNUAL	SRCGP7	5	
594858	4130782	0.61577	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594878	4130782	0.64179	39.16	39.16	1.5	ANNUAL	SRCGP7	5	
594898	4130782	0.66729	39.08	39.08	1.5	ANNUAL	SRCGP7	5	
594938	4130782	0.71441	39.07	39.07	1.5	ANNUAL	SRCGP7	5	
594958	4130782	0.73577	39.27	39.27	1.5	ANNUAL	SRCGP7	5	
594978	4130782	0.7552	39.64	39.64	1.5	ANNUAL	SRCGP7	5	
594998	4130782	0.77004	39.55	39.55	1.5	ANNUAL	SRCGP7	5	
595018	4130782	0.78198	39.56	39.56	1.5	ANNUAL	SRCGP7	5	
595038	4130782	0.79065	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
595058	4130782	0.79502	39.86	39.86	1.5	ANNUAL	SRCGP7	5	
595078	4130782	0.79594	39.77	39.77	1.5	ANNUAL	SRCGP7	5	
595118	4130782	0.78979	39.7	39.7	1.5	ANNUAL	SRCGP7	5	
595138	4130782	0.7845	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
595158	4130782	0.7795	39.54	39.54	1.5	ANNUAL	SRCGP7	5	
595198	4130782	0.7715	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
595218	4130782	0.76701	39.42	39.42	1.5	ANNUAL	SRCGP7	5	
595238	4130782	0.75985	39.39	39.39	1.5	ANNUAL	SRCGP7	5	
595278	4130782	0.72801	39.29	39.29	1.5	ANNUAL	SRCGP7	5	
595298	4130782	0.70082	39.46	39.46	1.5	ANNUAL	SRCGP7	5	
595318	4130782	0.66397	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
595338	4130782	0.62016	38.89	38.89	1.5	ANNUAL	SRCGP7	5	
595378	4130782	0.52593	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
595398	4130782	0.48031	38.75	38.75	1.5	ANNUAL	SRCGP7	5	
595418	4130782	0.43871	38.53	38.53	1.5	ANNUAL	SRCGP7	5	
595438	4130782	0.40309	38.41	38.41	1.5	ANNUAL	SRCGP7	5	
595478	4130782	0.34981	38.72	38.72	1.5	ANNUAL	SRCGP7	5	
595498	4130782	0.3293	38.57	38.57	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595518	4130782	0.31225	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
595538	4130782	0.29709	38.71	38.71	1.5	ANNUAL	SRCGP7	5	
595578	4130782	0.27051	38.83	38.83	1.5	ANNUAL	SRCGP7	5	
595598	4130782	0.25861	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
595618	4130782	0.24763	39.01	39.01	1.5	ANNUAL	SRCGP7	5	
595638	4130782	0.2371	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
595658	4130782	0.22781	38.65	38.65	1.5	ANNUAL	SRCGP7	5	
595678	4130782	0.21956	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
595698	4130782	0.21194	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
595718	4130782	0.20514	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
595738	4130782	0.19905	39.01	39.01	1.5	ANNUAL	SRCGP7	5	
595758	4130782	0.19336	38.97	38.97	1.5	ANNUAL	SRCGP7	5	
595778	4130782	0.18812	38.92	38.92	1.5	ANNUAL	SRCGP7	5	
595798	4130782	0.18309	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
594318	4130802	0.15209	39.92	39.92	1.5	ANNUAL	SRCGP7	5	
594338	4130802	0.15953	39.89	39.89	1.5	ANNUAL	SRCGP7	5	
594358	4130802	0.16751	40	40	1.5	ANNUAL	SRCGP7	5	
594378	4130802	0.17593	39.86	39.86	1.5	ANNUAL	SRCGP7	5	
594398	4130802	0.18502	39.82	39.82	1.5	ANNUAL	SRCGP7	5	
594418	4130802	0.19458	39.94	39.94	1.5	ANNUAL	SRCGP7	5	
594438	4130802	0.20489	40.01	40.01	1.5	ANNUAL	SRCGP7	5	
594458	4130802	0.21576	39.95	39.95	1.5	ANNUAL	SRCGP7	5	
594478	4130802	0.2274	39.68	39.68	1.5	ANNUAL	SRCGP7	5	
594498	4130802	0.23977	39.9	39.9	1.5	ANNUAL	SRCGP7	5	
594518	4130802	0.25296	39.87	39.87	1.5	ANNUAL	SRCGP7	5	
594538	4130802	0.26691	39.84	39.84	1.5	ANNUAL	SRCGP7	5	
594558	4130802	0.28158	39.49	39.49	1.5	ANNUAL	SRCGP7	5	
594578	4130802	0.29736	39.68	39.68	1.5	ANNUAL	SRCGP7	5	
594598	4130802	0.3138	39.53	39.53	1.5	ANNUAL	SRCGP7	5	
594618	4130802	0.33129	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
594678	4130802	0.389	39.69	39.69	1.5	ANNUAL	SRCGP7	5	
594698	4130802	0.40977	39.54	39.54	1.5	ANNUAL	SRCGP7	5	
594718	4130802	0.43115	39.28	39.28	1.5	ANNUAL	SRCGP7	5	
594758	4130802	0.4755	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
594778	4130802	0.49919	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
594798	4130802	0.52189	38.86	38.86	1.5	ANNUAL	SRCGP7	5	
594818	4130802	0.54531	38.87	38.87	1.5	ANNUAL	SRCGP7	5	
594838	4130802	0.5684	38.82	38.82	1.5	ANNUAL	SRCGP7	5	
594858	4130802	0.59158	38.97	38.97	1.5	ANNUAL	SRCGP7	5	
594878	4130802	0.61395	39.09	39.09	1.5	ANNUAL	SRCGP7	5	
594898	4130802	0.63425	38.85	38.85	1.5	ANNUAL	SRCGP7	5	
594938	4130802	0.67172	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
594958	4130802	0.68787	38.97	38.97	1.5	ANNUAL	SRCGP7	5	
594978	4130802	0.70219	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594998	4130802	0.71245	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
595018	4130802	0.71996	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
595038	4130802	0.72533	39.68	39.68	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595058	4130802	0.72669	39.78	39.78	1.5	ANNUAL	SRCGP7	5	
595078	4130802	0.72491	39.59	39.59	1.5	ANNUAL	SRCGP7	5	
595118	4130802	0.71747	39.79	39.79	1.5	ANNUAL	SRCGP7	5	
595138	4130802	0.71246	39.56	39.56	1.5	ANNUAL	SRCGP7	5	
595158	4130802	0.70765	39.3	39.3	1.5	ANNUAL	SRCGP7	5	
595198	4130802	0.70147	39.3	39.3	1.5	ANNUAL	SRCGP7	5	
595218	4130802	0.69778	39.38	39.38	1.5	ANNUAL	SRCGP7	5	
595238	4130802	0.69065	39.29	39.29	1.5	ANNUAL	SRCGP7	5	
595278	4130802	0.66086	39.29	39.29	1.5	ANNUAL	SRCGP7	5	
595298	4130802	0.6357	39.35	39.35	1.5	ANNUAL	SRCGP7	5	
595318	4130802	0.60293	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595338	4130802	0.56425	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
595378	4130802	0.48139	38.71	38.71	1.5	ANNUAL	SRCGP7	5	
595398	4130802	0.44147	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
595418	4130802	0.40449	38.41	38.41	1.5	ANNUAL	SRCGP7	5	
595438	4130802	0.37264	38.28	38.28	1.5	ANNUAL	SRCGP7	5	
595478	4130802	0.32468	38.65	38.65	1.5	ANNUAL	SRCGP7	5	
595498	4130802	0.30589	38.36	38.36	1.5	ANNUAL	SRCGP7	5	
595518	4130802	0.29043	38.4	38.4	1.5	ANNUAL	SRCGP7	5	
595538	4130802	0.27699	38.51	38.51	1.5	ANNUAL	SRCGP7	5	
595578	4130802	0.25335	38.72	38.72	1.5	ANNUAL	SRCGP7	5	
595598	4130802	0.24254	38.69	38.69	1.5	ANNUAL	SRCGP7	5	
595618	4130802	0.23254	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595638	4130802	0.22307	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
595658	4130802	0.21433	38.56	38.56	1.5	ANNUAL	SRCGP7	5	
595678	4130802	0.20668	38.81	38.81	1.5	ANNUAL	SRCGP7	5	
595698	4130802	0.19941	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
595718	4130802	0.19297	38.57	38.57	1.5	ANNUAL	SRCGP7	5	
595738	4130802	0.18729	38.66	38.66	1.5	ANNUAL	SRCGP7	5	
595758	4130802	0.18195	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
595778	4130802	0.17704	38.65	38.65	1.5	ANNUAL	SRCGP7	5	
595798	4130802	0.17231	38.27	38.27	1.5	ANNUAL	SRCGP7	5	
594318	4130822	0.15703	39.74	39.74	1.5	ANNUAL	SRCGP7	5	
594338	4130822	0.1646	39.88	39.88	1.5	ANNUAL	SRCGP7	5	
594358	4130822	0.17273	39.98	39.98	1.5	ANNUAL	SRCGP7	5	
594378	4130822	0.18126	39.72	39.72	1.5	ANNUAL	SRCGP7	5	
594398	4130822	0.19042	39.68	39.68	1.5	ANNUAL	SRCGP7	5	
594418	4130822	0.20005	39.94	39.94	1.5	ANNUAL	SRCGP7	5	
594438	4130822	0.21038	39.88	39.88	1.5	ANNUAL	SRCGP7	5	
594458	4130822	0.22126	39.72	39.72	1.5	ANNUAL	SRCGP7	5	
594478	4130822	0.23278	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
594498	4130822	0.24506	39.68	39.68	1.5	ANNUAL	SRCGP7	5	
594518	4130822	0.25801	39.62	39.62	1.5	ANNUAL	SRCGP7	5	
594538	4130822	0.27167	39.63	39.63	1.5	ANNUAL	SRCGP7	5	
594558	4130822	0.28593	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
594578	4130822	0.30113	39.45	39.45	1.5	ANNUAL	SRCGP7	5	
594598	4130822	0.31707	39.5	39.5	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594618	4130822	0.3336	39.41	39.41	1.5	ANNUAL	SRCGP7	5	
594678	4130822	0.38783	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
594698	4130822	0.40685	39.35	39.35	1.5	ANNUAL	SRCGP7	5	
594718	4130822	0.42634	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
594758	4130822	0.4662	38.74	38.74	1.5	ANNUAL	SRCGP7	5	
594778	4130822	0.48723	39.07	39.07	1.5	ANNUAL	SRCGP7	5	
594798	4130822	0.50721	38.82	38.82	1.5	ANNUAL	SRCGP7	5	
594818	4130822	0.52728	38.73	38.73	1.5	ANNUAL	SRCGP7	5	
594838	4130822	0.54688	38.65	38.65	1.5	ANNUAL	SRCGP7	5	
594858	4130822	0.56618	38.74	38.74	1.5	ANNUAL	SRCGP7	5	
594878	4130822	0.58419	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
594898	4130822	0.60103	38.63	38.63	1.5	ANNUAL	SRCGP7	5	
594938	4130822	0.63047	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
594958	4130822	0.64279	38.9	38.9	1.5	ANNUAL	SRCGP7	5	
594978	4130822	0.65225	38.96	38.96	1.5	ANNUAL	SRCGP7	5	
594998	4130822	0.65923	39.06	39.06	1.5	ANNUAL	SRCGP7	5	
595018	4130822	0.66338	39.1	39.1	1.5	ANNUAL	SRCGP7	5	
595038	4130822	0.66551	39.34	39.34	1.5	ANNUAL	SRCGP7	5	
595058	4130822	0.66489	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
595078	4130822	0.66217	39.48	39.48	1.5	ANNUAL	SRCGP7	5	
595118	4130822	0.65388	39.45	39.45	1.5	ANNUAL	SRCGP7	5	
595138	4130822	0.64975	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
595158	4130822	0.64604	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595198	4130822	0.6414	39.26	39.26	1.5	ANNUAL	SRCGP7	5	
595218	4130822	0.63762	39.27	39.27	1.5	ANNUAL	SRCGP7	5	
595238	4130822	0.63049	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
595278	4130822	0.60256	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
595298	4130822	0.57962	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
595318	4130822	0.54975	38.96	38.96	1.5	ANNUAL	SRCGP7	5	
595338	4130822	0.51586	38.81	38.81	1.5	ANNUAL	SRCGP7	5	
595378	4130822	0.44259	38.62	38.62	1.5	ANNUAL	SRCGP7	5	
595398	4130822	0.40735	38.65	38.65	1.5	ANNUAL	SRCGP7	5	
595418	4130822	0.37434	38.32	38.32	1.5	ANNUAL	SRCGP7	5	
595438	4130822	0.34582	38.23	38.23	1.5	ANNUAL	SRCGP7	5	
595478	4130822	0.30215	38.48	38.48	1.5	ANNUAL	SRCGP7	5	
595498	4130822	0.28519	38.3	38.3	1.5	ANNUAL	SRCGP7	5	
595518	4130822	0.27137	38.5	38.5	1.5	ANNUAL	SRCGP7	5	
595538	4130822	0.25895	38.37	38.37	1.5	ANNUAL	SRCGP7	5	
595558	4130822	0.248	38.48	38.48	1.5	ANNUAL	SRCGP7	5	
595578	4130822	0.23792	38.71	38.71	1.5	ANNUAL	SRCGP7	5	
595598	4130822	0.22816	38.64	38.64	1.5	ANNUAL	SRCGP7	5	
595618	4130822	0.21915	38.83	38.83	1.5	ANNUAL	SRCGP7	5	
595638	4130822	0.21038	38.56	38.56	1.5	ANNUAL	SRCGP7	5	
595658	4130822	0.20224	38.44	38.44	1.5	ANNUAL	SRCGP7	5	
595678	4130822	0.19516	38.82	38.82	1.5	ANNUAL	SRCGP7	5	
595698	4130822	0.18832	38.6	38.6	1.5	ANNUAL	SRCGP7	5	
595718	4130822	0.1822	38.64	38.64	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595738	4130822	0.17676	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
595758	4130822	0.17178	38.6	38.6	1.5	ANNUAL	SRCGP7	5	
595778	4130822	0.16722	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
595798	4130822	0.16274	38.14	38.14	1.5	ANNUAL	SRCGP7	5	
594318	4130842	0.1617	39.6	39.6	1.5	ANNUAL	SRCGP7	5	
594338	4130842	0.16939	39.76	39.76	1.5	ANNUAL	SRCGP7	5	
594358	4130842	0.17756	39.67	39.67	1.5	ANNUAL	SRCGP7	5	
594378	4130842	0.18612	39.56	39.56	1.5	ANNUAL	SRCGP7	5	
594398	4130842	0.1953	39.58	39.58	1.5	ANNUAL	SRCGP7	5	
594418	4130842	0.20495	40.3	40.3	1.5	ANNUAL	SRCGP7	5	
594438	4130842	0.21526	39.73	39.73	1.5	ANNUAL	SRCGP7	5	
594458	4130842	0.22595	39.52	39.52	1.5	ANNUAL	SRCGP7	5	
594478	4130842	0.23731	39.34	39.34	1.5	ANNUAL	SRCGP7	5	
594498	4130842	0.24946	39.78	39.78	1.5	ANNUAL	SRCGP7	5	
594518	4130842	0.26197	39.46	39.46	1.5	ANNUAL	SRCGP7	5	
594538	4130842	0.2752	39.47	39.47	1.5	ANNUAL	SRCGP7	5	
594558	4130842	0.28893	39.21	39.21	1.5	ANNUAL	SRCGP7	5	
594578	4130842	0.30352	39.34	39.34	1.5	ANNUAL	SRCGP7	5	
594598	4130842	0.31877	39.48	39.48	1.5	ANNUAL	SRCGP7	5	
594618	4130842	0.33445	39.46	39.46	1.5	ANNUAL	SRCGP7	5	
594678	4130842	0.38434	39.13	39.13	1.5	ANNUAL	SRCGP7	5	
594698	4130842	0.40191	39.19	39.19	1.5	ANNUAL	SRCGP7	5	
594718	4130842	0.4191	38.74	38.74	1.5	ANNUAL	SRCGP7	5	
594758	4130842	0.45513	38.73	38.73	1.5	ANNUAL	SRCGP7	5	
594778	4130842	0.47324	38.81	38.81	1.5	ANNUAL	SRCGP7	5	
594798	4130842	0.49092	38.78	38.78	1.5	ANNUAL	SRCGP7	5	
594818	4130842	0.5084	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
594838	4130842	0.52431	38.52	38.52	1.5	ANNUAL	SRCGP7	5	
594858	4130842	0.54039	38.6	38.6	1.5	ANNUAL	SRCGP7	5	
594878	4130842	0.55492	38.48	38.48	1.5	ANNUAL	SRCGP7	5	
594898	4130842	0.56885	38.59	38.59	1.5	ANNUAL	SRCGP7	5	
594938	4130842	0.59099	38.54	38.54	1.5	ANNUAL	SRCGP7	5	
594958	4130842	0.60004	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
594978	4130842	0.60628	38.85	38.85	1.5	ANNUAL	SRCGP7	5	
594998	4130842	0.61017	38.86	38.86	1.5	ANNUAL	SRCGP7	5	
595018	4130842	0.61196	38.97	38.97	1.5	ANNUAL	SRCGP7	5	
595038	4130842	0.61246	39.33	39.33	1.5	ANNUAL	SRCGP7	5	
595058	4130842	0.61045	39.44	39.44	1.5	ANNUAL	SRCGP7	5	
595078	4130842	0.60683	39.38	39.38	1.5	ANNUAL	SRCGP7	5	
595118	4130842	0.5992	39.44	39.44	1.5	ANNUAL	SRCGP7	5	
595138	4130842	0.59519	39.12	39.12	1.5	ANNUAL	SRCGP7	5	
595158	4130842	0.59294	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595198	4130842	0.58943	39.37	39.37	1.5	ANNUAL	SRCGP7	5	
595218	4130842	0.58511	39.14	39.14	1.5	ANNUAL	SRCGP7	5	
595238	4130842	0.5784	39.11	39.11	1.5	ANNUAL	SRCGP7	5	
595278	4130842	0.55183	39.16	39.16	1.5	ANNUAL	SRCGP7	5	
595298	4130842	0.5308	39.25	39.25	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595318	4130842	0.50387	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
595338	4130842	0.47368	38.79	38.79	1.5	ANNUAL	SRCGP7	5	
595378	4130842	0.4088	38.69	38.69	1.5	ANNUAL	SRCGP7	5	
595398	4130842	0.37725	38.63	38.63	1.5	ANNUAL	SRCGP7	5	
595418	4130842	0.34769	38.28	38.28	1.5	ANNUAL	SRCGP7	5	
595438	4130842	0.32211	38.26	38.26	1.5	ANNUAL	SRCGP7	5	
595478	4130842	0.28226	38.48	38.48	1.5	ANNUAL	SRCGP7	5	
595498	4130842	0.26677	38.33	38.33	1.5	ANNUAL	SRCGP7	5	
595518	4130842	0.25387	38.29	38.29	1.5	ANNUAL	SRCGP7	5	
595538	4130842	0.24273	38.3	38.3	1.5	ANNUAL	SRCGP7	5	
595558	4130842	0.23277	38.28	38.28	1.5	ANNUAL	SRCGP7	5	
595578	4130842	0.22376	38.54	38.54	1.5	ANNUAL	SRCGP7	5	
595598	4130842	0.21496	38.45	38.45	1.5	ANNUAL	SRCGP7	5	
595618	4130842	0.20679	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
595638	4130842	0.19888	38.52	38.52	1.5	ANNUAL	SRCGP7	5	
595658	4130842	0.1914	38.38	38.38	1.5	ANNUAL	SRCGP7	5	
595678	4130842	0.18469	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
595698	4130842	0.17832	38.55	38.55	1.5	ANNUAL	SRCGP7	5	
595718	4130842	0.17255	38.56	38.56	1.5	ANNUAL	SRCGP7	5	
595738	4130842	0.16729	38.63	38.63	1.5	ANNUAL	SRCGP7	5	
595758	4130842	0.16254	38.55	38.55	1.5	ANNUAL	SRCGP7	5	
595778	4130842	0.15824	38.52	38.52	1.5	ANNUAL	SRCGP7	5	
595798	4130842	0.15399	37.98	37.98	1.5	ANNUAL	SRCGP7	5	
594318	4130862	0.16606	39.56	39.56	1.5	ANNUAL	SRCGP7	5	
594338	4130862	0.17377	39.62	39.62	1.5	ANNUAL	SRCGP7	5	
594358	4130862	0.18197	39.61	39.61	1.5	ANNUAL	SRCGP7	5	
594378	4130862	0.19051	39.45	39.45	1.5	ANNUAL	SRCGP7	5	
594398	4130862	0.19966	39.51	39.51	1.5	ANNUAL	SRCGP7	5	
594418	4130862	0.20929	39.82	39.82	1.5	ANNUAL	SRCGP7	5	
594438	4130862	0.21943	39.7	39.7	1.5	ANNUAL	SRCGP7	5	
594458	4130862	0.22986	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
594478	4130862	0.24096	39.24	39.24	1.5	ANNUAL	SRCGP7	5	
594498	4130862	0.25283	39.77	39.77	1.5	ANNUAL	SRCGP7	5	
594518	4130862	0.26489	39.41	39.41	1.5	ANNUAL	SRCGP7	5	
594538	4130862	0.27747	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
594558	4130862	0.29067	39.12	39.12	1.5	ANNUAL	SRCGP7	5	
594578	4130862	0.30448	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
594598	4130862	0.31886	39.39	39.39	1.5	ANNUAL	SRCGP7	5	
594618	4130862	0.33351	39.33	39.33	1.5	ANNUAL	SRCGP7	5	
594678	4130862	0.37912	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
594698	4130862	0.39509	38.93	38.93	1.5	ANNUAL	SRCGP7	5	
594718	4130862	0.41104	38.93	38.93	1.5	ANNUAL	SRCGP7	5	
594758	4130862	0.44246	38.68	38.68	1.5	ANNUAL	SRCGP7	5	
594778	4130862	0.45826	38.8	38.8	1.5	ANNUAL	SRCGP7	5	
594798	4130862	0.47331	38.7	38.7	1.5	ANNUAL	SRCGP7	5	
594818	4130862	0.48792	38.67	38.67	1.5	ANNUAL	SRCGP7	5	
594838	4130862	0.50138	38.41	38.41	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130862	0.51479	38.58	38.58	1.5	ANNUAL	SRCGP7	5	
594878	4130862	0.52633	38.39	38.39	1.5	ANNUAL	SRCGP7	5	
594898	4130862	0.53717	38.44	38.44	1.5	ANNUAL	SRCGP7	5	
594938	4130862	0.55345	38.34	38.34	1.5	ANNUAL	SRCGP7	5	
594958	4130862	0.55981	38.63	38.63	1.5	ANNUAL	SRCGP7	5	
594978	4130862	0.56386	38.82	38.82	1.5	ANNUAL	SRCGP7	5	
594998	4130862	0.56538	38.75	38.75	1.5	ANNUAL	SRCGP7	5	
595018	4130862	0.56517	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595038	4130862	0.56391	38.98	38.98	1.5	ANNUAL	SRCGP7	5	
595058	4130862	0.5614	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595078	4130862	0.55772	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
595118	4130862	0.551	39.25	39.25	1.5	ANNUAL	SRCGP7	5	
595138	4130862	0.54813	39.08	39.08	1.5	ANNUAL	SRCGP7	5	
595158	4130862	0.54624	39.02	39.02	1.5	ANNUAL	SRCGP7	5	
595198	4130862	0.54306	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
595238	4130862	0.53204	38.84	38.84	1.5	ANNUAL	SRCGP7	5	
595278	4130862	0.5071	38.98	38.98	1.5	ANNUAL	SRCGP7	5	
595298	4130862	0.48725	38.83	38.83	1.5	ANNUAL	SRCGP7	5	
595318	4130862	0.4634	38.73	38.73	1.5	ANNUAL	SRCGP7	5	
595338	4130862	0.43639	38.64	38.64	1.5	ANNUAL	SRCGP7	5	
595378	4130862	0.37829	38.43	38.43	1.5	ANNUAL	SRCGP7	5	
595398	4130862	0.3502	38.42	38.42	1.5	ANNUAL	SRCGP7	5	
595418	4130862	0.32363	38.07	38.07	1.5	ANNUAL	SRCGP7	5	
595438	4130862	0.3007	38.17	38.17	1.5	ANNUAL	SRCGP7	5	
595478	4130862	0.26405	38.2	38.2	1.5	ANNUAL	SRCGP7	5	
595498	4130862	0.25005	38.25	38.25	1.5	ANNUAL	SRCGP7	5	
595518	4130862	0.23821	38.21	38.21	1.5	ANNUAL	SRCGP7	5	
595538	4130862	0.22786	38.05	38.05	1.5	ANNUAL	SRCGP7	5	
595558	4130862	0.21903	38.23	38.23	1.5	ANNUAL	SRCGP7	5	
595578	4130862	0.21101	38.56	38.56	1.5	ANNUAL	SRCGP7	5	
595598	4130862	0.20313	38.58	38.58	1.5	ANNUAL	SRCGP7	5	
595618	4130862	0.19556	38.46	38.46	1.5	ANNUAL	SRCGP7	5	
595638	4130862	0.18834	38.4	38.4	1.5	ANNUAL	SRCGP7	5	
595658	4130862	0.18154	38.36	38.36	1.5	ANNUAL	SRCGP7	5	
595678	4130862	0.17528	38.59	38.59	1.5	ANNUAL	SRCGP7	5	
595698	4130862	0.16922	38.44	38.44	1.5	ANNUAL	SRCGP7	5	
595718	4130862	0.16387	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
595738	4130862	0.15886	38.59	38.59	1.5	ANNUAL	SRCGP7	5	
595758	4130862	0.15425	38.56	38.56	1.5	ANNUAL	SRCGP7	5	
595778	4130862	0.15015	38.55	38.55	1.5	ANNUAL	SRCGP7	5	
595798	4130862	0.14618	38.11	38.11	1.5	ANNUAL	SRCGP7	5	
594318	4130882	0.17001	39.36	39.36	1.5	ANNUAL	SRCGP7	5	
594338	4130882	0.1777	39.38	39.38	1.5	ANNUAL	SRCGP7	5	
594358	4130882	0.18583	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594378	4130882	0.19435	39.26	39.26	1.5	ANNUAL	SRCGP7	5	
594398	4130882	0.20335	39.22	39.22	1.5	ANNUAL	SRCGP7	5	
594418	4130882	0.21278	39.34	39.34	1.5	ANNUAL	SRCGP7	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594438	4130882	0.22266	39.27	39.27	1.5	ANNUAL	SRCGP7	5	
594458	4130882	0.23287	39.09	39.09	1.5	ANNUAL	SRCGP7	5	
594478	4130882	0.24362	39.01	39.01	1.5	ANNUAL	SRCGP7	5	
594498	4130882	0.255	39.31	39.31	1.5	ANNUAL	SRCGP7	5	
594518	4130882	0.26659	39.15	39.15	1.5	ANNUAL	SRCGP7	5	
594538	4130882	0.27862	39	39	1.5	ANNUAL	SRCGP7	5	
594558	4130882	0.29117	39.04	39.04	1.5	ANNUAL	SRCGP7	5	
594578	4130882	0.30424	39.25	39.25	1.5	ANNUAL	SRCGP7	5	
594598	4130882	0.31721	38.91	38.91	1.5	ANNUAL	SRCGP7	5	
594618	4130882	0.33104	39.17	39.17	1.5	ANNUAL	SRCGP7	5	
594678	4130882	0.37272	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
594698	4130882	0.38654	38.54	38.54	1.5	ANNUAL	SRCGP7	5	
594718	4130882	0.40071	38.52	38.52	1.5	ANNUAL	SRCGP7	5	
594758	4130882	0.42835	38.42	38.42	1.5	ANNUAL	SRCGP7	5	
594778	4130882	0.4418	38.43	38.43	1.5	ANNUAL	SRCGP7	5	
594798	4130882	0.45472	38.42	38.42	1.5	ANNUAL	SRCGP7	5	
594818	4130882	0.46673	38.25	38.25	1.5	ANNUAL	SRCGP7	5	
594838	4130882	0.47816	38.21	38.21	1.5	ANNUAL	SRCGP7	5	
594858	4130882	0.48866	38.18	38.18	1.5	ANNUAL	SRCGP7	5	
594878	4130882	0.49796	38.08	38.08	1.5	ANNUAL	SRCGP7	5	
594898	4130882	0.50616	38.12	38.12	1.5	ANNUAL	SRCGP7	5	
594938	4130882	0.51807	38.14	38.14	1.5	ANNUAL	SRCGP7	5	
594958	4130882	0.52183	38.3	38.3	1.5	ANNUAL	SRCGP7	5	
594978	4130882	0.52381	38.42	38.42	1.5	ANNUAL	SRCGP7	5	
595038	4130882	0.52073	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595058	4130882	0.51742	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595078	4130882	0.51419	38.89	38.89	1.5	ANNUAL	SRCGP7	5	
595098	4130882	0.5111	38.96	38.96	1.5	ANNUAL	SRCGP7	5	
595118	4130882	0.5086	39	39	1.5	ANNUAL	SRCGP7	5	
595138	4130882	0.50652	38.88	38.88	1.5	ANNUAL	SRCGP7	5	
595158	4130882	0.50501	38.77	38.77	1.5	ANNUAL	SRCGP7	5	
595178	4130882	0.50341	38.61	38.61	1.5	ANNUAL	SRCGP7	5	
594658	4130982	0.3186	38.34	38.34	1.5	ANNUAL	SRCGP7	5	

CONCUNIT /m^3

DEPUNIT g/ ^2

AERMOD (91): C:\Lake ERMOD Vie CC FMP_co st\SJCC FM P_const .isc 1/6/2002 1
AERMET (1 91): 19:19:05 6
MODELING IONS USED: gDFAULT C ELEV FL GPOL URBA N ADJ_ U*
PLOT FILE OF ANN VALUES AVI GED ACROS 5 YEARS FOR SO URCE GRO UP: SRCGP4
FOR A TOTAL OF 1 RECEPTORS.
FORM AT: (3(1X,F1),3(1X,F8.2) 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.9	4130189	0.18775	46.81	46.81	1.5	ANNUAL	SRCGP4	5	
594481.9	4130189	0.20069	46.84	46.84	1.5	ANNUAL	SRCGP4	5	
594501.9	4130189	0.2152	46.82	46.82	1.5	ANNUAL	SRCGP4	5	
594521.9	4130189	0.23165	46.7	46.7	1.5	ANNUAL	SRCGP4	5	
594541.9	4130189	0.25015	46.61	46.61	1.5	ANNUAL	SRCGP4	5	
594561.9	4130189	0.27127	46.45	46.45	1.5	ANNUAL	SRCGP4	5	
594421.9	4130209	0.1816	46.02	46.02	1.5	ANNUAL	SRCGP4	5	
594441.9	4130209	0.19389	46.01	46.01	1.5	ANNUAL	SRCGP4	5	
594461.9	4130209	0.20724	46.26	46.26	1.5	ANNUAL	SRCGP4	5	
594481.9	4130209	0.22242	46.32	46.32	1.5	ANNUAL	SRCGP4	5	
594501.9	4130209	0.23875	46.8	46.8	1.5	ANNUAL	SRCGP4	5	
594521.9	4130209	0.25797	46.82	46.82	1.5	ANNUAL	SRCGP4	5	
594541.9	4130209	0.27977	46.85	46.85	1.5	ANNUAL	SRCGP4	5	
594561.9	4130209	0.30513	46.7	46.7	1.5	ANNUAL	SRCGP4	5	
594581.9	4130209	0.33606	45.96	45.96	1.5	ANNUAL	SRCGP4	5	
594421.9	4130229	0.19874	46.01	46.01	1.5	ANNUAL	SRCGP4	5	
594441.9	4130229	0.21297	46.01	46.01	1.5	ANNUAL	SRCGP4	5	
594461.9	4130229	0.22892	46.01	46.01	1.5	ANNUAL	SRCGP4	5	
594481.9	4130229	0.24661	46.18	46.18	1.5	ANNUAL	SRCGP4	5	
594501.9	4130229	0.26644	46.42	46.42	1.5	ANNUAL	SRCGP4	5	
594521.9	4130229	0.28909	46.6	46.6	1.5	ANNUAL	SRCGP4	5	
594541.9	4130229	0.31505	46.75	46.75	1.5	ANNUAL	SRCGP4	5	
594561.9	4130229	0.34707	46.19	46.19	1.5	ANNUAL	SRCGP4	5	
594581.9	4130229	0.38475	45.57	45.57	1.5	ANNUAL	SRCGP4	5	
594421.9	4130249	0.218	45.94	45.94	1.5	ANNUAL	SRCGP4	5	
594441.9	4130249	0.23457	45.94	45.94	1.5	ANNUAL	SRCGP4	5	
594461.9	4130249	0.25326	45.94	45.94	1.5	ANNUAL	SRCGP4	5	
594481.9	4130249	0.2744	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
594501.9	4130249	0.29834	46.08	46.08	1.5	ANNUAL	SRCGP4	5	
594521.9	4130249	0.32589	46.15	46.15	1.5	ANNUAL	SRCGP4	5	
594561.9	4130249	0.39796	45.4	45.4	1.5	ANNUAL	SRCGP4	5	
594581.9	4130249	0.44408	45	45	1.5	ANNUAL	SRCGP4	5	
594421.9	4130269	0.23959	45.9	45.9	1.5	ANNUAL	SRCGP4	5	
594441.9	4130269	0.25888	45.93	45.93	1.5	ANNUAL	SRCGP4	5	
594461.9	4130269	0.28087	45.92	45.92	1.5	ANNUAL	SRCGP4	5	
594421.9	4130289	0.2637	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
594441.9	4130289	0.2863	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
594461.9	4130289	0.3122	45.95	45.95	1.5	ANNUAL	SRCGP4	5	
594421.9	4130309	0.29087	46	46	1.5	ANNUAL	SRCGP4	5	
594441.9	4130309	0.31721	46.04	46.04	1.5	ANNUAL	SRCGP4	5	
594461.9	4130309	0.3478	45.97	45.97	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594361.9	4130489	0.48451	42.59	42.59	1.5	ANNUAL	SRCGP4	5	
594381.9	4130489	0.53063	42.59	42.59	1.5	ANNUAL	SRCGP4	5	
594401.9	4130489	0.5827	42.5	42.5	1.5	ANNUAL	SRCGP4	5	
594261.2	4129770	0.03131	47.77	47.77	1.5	ANNUAL	SRCGP4	5	
594281.4	4129770	0.03157	47.78	47.78	1.5	ANNUAL	SRCGP4	5	
594301.7	4129770	0.03184	47.68	47.68	1.5	ANNUAL	SRCGP4	5	
594321.9	4129770	0.03207	47.73	47.73	1.5	ANNUAL	SRCGP4	5	
594342.1	4129770	0.03233	47.62	47.62	1.5	ANNUAL	SRCGP4	5	
594362.3	4129770	0.03258	47.63	47.63	1.5	ANNUAL	SRCGP4	5	
594382.5	4129770	0.03288	47.58	47.58	1.5	ANNUAL	SRCGP4	5	
594402.8	4129770	0.03328	47.37	47.37	1.5	ANNUAL	SRCGP4	5	
594423	4129770	0.0337	47.36	47.36	1.5	ANNUAL	SRCGP4	5	
594443.2	4129770	0.03427	47.21	47.21	1.5	ANNUAL	SRCGP4	5	
594261.2	4129790	0.03314	47.73	47.73	1.5	ANNUAL	SRCGP4	5	
594281.4	4129790	0.03349	47.63	47.63	1.5	ANNUAL	SRCGP4	5	
594301.7	4129790	0.03382	47.64	47.64	1.5	ANNUAL	SRCGP4	5	
594321.9	4129790	0.0341	47.78	47.78	1.5	ANNUAL	SRCGP4	5	
594342.1	4129790	0.03436	47.98	47.98	1.5	ANNUAL	SRCGP4	5	
594362.3	4129790	0.03477	47.46	47.46	1.5	ANNUAL	SRCGP4	5	
594382.5	4129790	0.03511	47.4	47.4	1.5	ANNUAL	SRCGP4	5	
594402.8	4129790	0.03552	47.22	47.22	1.5	ANNUAL	SRCGP4	5	
594423	4129790	0.03595	47.19	47.19	1.5	ANNUAL	SRCGP4	5	
594443.2	4129790	0.03645	47.21	47.21	1.5	ANNUAL	SRCGP4	5	
594261.2	4129810	0.03503	47.82	47.82	1.5	ANNUAL	SRCGP4	5	
594281.4	4129810	0.03545	47.95	47.95	1.5	ANNUAL	SRCGP4	5	
594301.7	4129810	0.03589	47.8	47.8	1.5	ANNUAL	SRCGP4	5	
594321.9	4129810	0.03629	47.74	47.74	1.5	ANNUAL	SRCGP4	5	
594342.1	4129810	0.03666	47.82	47.82	1.5	ANNUAL	SRCGP4	5	
594362.3	4129810	0.03715	47.28	47.28	1.5	ANNUAL	SRCGP4	5	
594382.5	4129810	0.03748	47.48	47.48	1.5	ANNUAL	SRCGP4	5	
594402.8	4129810	0.03794	47.26	47.26	1.5	ANNUAL	SRCGP4	5	
594423	4129810	0.03833	47.45	47.45	1.5	ANNUAL	SRCGP4	5	
594443.2	4129810	0.03893	47.19	47.19	1.5	ANNUAL	SRCGP4	5	
594261.2	4129850	0.03918	47.39	47.39	1.5	ANNUAL	SRCGP4	5	
594281.4	4129850	0.03984	47.5	47.5	1.5	ANNUAL	SRCGP4	5	
594301.7	4129850	0.04047	47.62	47.62	1.5	ANNUAL	SRCGP4	5	
594321.9	4129850	0.04109	47.72	47.72	1.5	ANNUAL	SRCGP4	5	
594342.1	4129850	0.04171	47.64	47.64	1.5	ANNUAL	SRCGP4	5	
594362.3	4129850	0.04238	47.3	47.3	1.5	ANNUAL	SRCGP4	5	
594382.5	4129850	0.04298	47.25	47.25	1.5	ANNUAL	SRCGP4	5	
594402.8	4129850	0.04363	47.02	47.02	1.5	ANNUAL	SRCGP4	5	
594423	4129850	0.04421	47.06	47.06	1.5	ANNUAL	SRCGP4	5	
594443.2	4129850	0.04485	47.02	47.02	1.5	ANNUAL	SRCGP4	5	
594463.4	4129850	0.04707	46.96	46.96	1.5	ANNUAL	SRCGP4	5	
594483.6	4129850	0.04635	46.99	46.99	1.5	ANNUAL	SRCGP4	5	
594503.9	4129850	0.04931	46.95	46.95	1.5	ANNUAL	SRCGP4	5	
594524.1	4129850	0.04845	47	47	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594544.3	4129850	0.04983	47.1	47.1	1.5	ANNUAL	SRCGP4	5	
594564.5	4129850	0.0516	47.14	47.14	1.5	ANNUAL	SRCGP4	5	
594584.7	4129850	0.05378	47.25	47.25	1.5	ANNUAL	SRCGP4	5	
594605	4129850	0.05653	47.31	47.31	1.5	ANNUAL	SRCGP4	5	
594625.2	4129850	0.05988	47.4	47.4	1.5	ANNUAL	SRCGP4	5	
594261.2	4129870	0.04136	47.43	47.43	1.5	ANNUAL	SRCGP4	5	
594281.4	4129870	0.04221	47.21	47.21	1.5	ANNUAL	SRCGP4	5	
594301.7	4129870	0.04293	47.6	47.6	1.5	ANNUAL	SRCGP4	5	
594321.9	4129870	0.04375	47.4	47.4	1.5	ANNUAL	SRCGP4	5	
594342.1	4129870	0.04448	47.54	47.54	1.5	ANNUAL	SRCGP4	5	
594362.3	4129870	0.04525	47.44	47.44	1.5	ANNUAL	SRCGP4	5	
594382.5	4129870	0.04604	47.21	47.21	1.5	ANNUAL	SRCGP4	5	
594402.8	4129870	0.0468	47.06	47.06	1.5	ANNUAL	SRCGP4	5	
594423	4129870	0.04754	47.03	47.03	1.5	ANNUAL	SRCGP4	5	
594443.2	4129870	0.04949	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594463.4	4129870	0.0505	46.93	46.93	1.5	ANNUAL	SRCGP4	5	
594483.6	4129870	0.05162	46.92	46.92	1.5	ANNUAL	SRCGP4	5	
594503.9	4129870	0.05287	46.94	46.94	1.5	ANNUAL	SRCGP4	5	
594524.1	4129870	0.0521	46.98	46.98	1.5	ANNUAL	SRCGP4	5	
594544.3	4129870	0.05352	47	47	1.5	ANNUAL	SRCGP4	5	
594564.5	4129870	0.05524	47.08	47.08	1.5	ANNUAL	SRCGP4	5	
594584.7	4129870	0.05739	47.18	47.18	1.5	ANNUAL	SRCGP4	5	
594605	4129870	0.0601	47.27	47.27	1.5	ANNUAL	SRCGP4	5	
594625.2	4129870	0.06365	47.16	47.16	1.5	ANNUAL	SRCGP4	5	
594261.2	4129890	0.04371	47.16	47.16	1.5	ANNUAL	SRCGP4	5	
594281.4	4129890	0.04467	47.13	47.13	1.5	ANNUAL	SRCGP4	5	
594301.7	4129890	0.04559	47.25	47.25	1.5	ANNUAL	SRCGP4	5	
594321.9	4129890	0.04658	47.06	47.06	1.5	ANNUAL	SRCGP4	5	
594342.1	4129890	0.0475	47.1	47.1	1.5	ANNUAL	SRCGP4	5	
594362.3	4129890	0.04842	47.13	47.13	1.5	ANNUAL	SRCGP4	5	
594382.5	4129890	0.04936	47.05	47.05	1.5	ANNUAL	SRCGP4	5	
594402.8	4129890	0.05027	47	47	1.5	ANNUAL	SRCGP4	5	
594423	4129890	0.05117	46.99	46.99	1.5	ANNUAL	SRCGP4	5	
594443.2	4129890	0.0532	46.79	46.79	1.5	ANNUAL	SRCGP4	5	
594463.4	4129890	0.05436	46.73	46.73	1.5	ANNUAL	SRCGP4	5	
594483.6	4129890	0.05558	46.79	46.79	1.5	ANNUAL	SRCGP4	5	
594503.9	4129890	0.05696	46.75	46.75	1.5	ANNUAL	SRCGP4	5	
594524.1	4129890	0.05845	46.9	46.9	1.5	ANNUAL	SRCGP4	5	
594544.3	4129890	0.06023	46.89	46.89	1.5	ANNUAL	SRCGP4	5	
594564.5	4129890	0.05945	47.07	47.07	1.5	ANNUAL	SRCGP4	5	
594584.7	4129890	0.06144	47.34	47.34	1.5	ANNUAL	SRCGP4	5	
594301.7	4129930	0.05125	47.08	47.08	1.5	ANNUAL	SRCGP4	5	
594321.9	4129930	0.05256	47.08	47.08	1.5	ANNUAL	SRCGP4	5	
594342.1	4129930	0.05384	47.21	47.21	1.5	ANNUAL	SRCGP4	5	
594362.3	4129930	0.05525	47.03	47.03	1.5	ANNUAL	SRCGP4	5	
594423	4129930	0.06022	46.87	46.87	1.5	ANNUAL	SRCGP4	5	
594443.2	4129930	0.06172	46.84	46.84	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594301.7	4129950	0.0543	47.11	47.11	1.5	ANNUAL	SRCGP4	5	
594321.9	4129950	0.05583	47.07	47.07	1.5	ANNUAL	SRCGP4	5	
594342.1	4129950	0.05735	47.14	47.14	1.5	ANNUAL	SRCGP4	5	
594362.3	4129950	0.05898	47.01	47.01	1.5	ANNUAL	SRCGP4	5	
594402.8	4129950	0.06312	46.87	46.87	1.5	ANNUAL	SRCGP4	5	
594423	4129950	0.06484	46.83	46.83	1.5	ANNUAL	SRCGP4	5	
594443.2	4129950	0.06661	46.82	46.82	1.5	ANNUAL	SRCGP4	5	
594463.4	4129950	0.06842	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594402.8	4129970	0.06782	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594423	4129970	0.06987	46.81	46.81	1.5	ANNUAL	SRCGP4	5	
594443.2	4129970	0.07194	46.87	46.87	1.5	ANNUAL	SRCGP4	5	
594463.4	4129970	0.07409	46.91	46.91	1.5	ANNUAL	SRCGP4	5	
594261.2	4129990	0.05869	46.96	46.96	1.5	ANNUAL	SRCGP4	5	
594281.4	4129990	0.06048	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594301.7	4129990	0.06237	46.76	46.76	1.5	ANNUAL	SRCGP4	5	
594321.9	4129990	0.0643	46.79	46.79	1.5	ANNUAL	SRCGP4	5	
594342.1	4129990	0.06637	46.63	46.63	1.5	ANNUAL	SRCGP4	5	
594362.3	4129990	0.06851	46.54	46.54	1.5	ANNUAL	SRCGP4	5	
594423	4129990	0.07532	46.79	46.79	1.5	ANNUAL	SRCGP4	5	
594443.2	4129990	0.07779	46.8	46.8	1.5	ANNUAL	SRCGP4	5	
594463.4	4129990	0.08034	46.86	46.86	1.5	ANNUAL	SRCGP4	5	
594342.1	4130010	0.07087	46.52	46.52	1.5	ANNUAL	SRCGP4	5	
594362.3	4130010	0.07331	46.52	46.52	1.5	ANNUAL	SRCGP4	5	
594382.5	4130010	0.07589	46.4	46.4	1.5	ANNUAL	SRCGP4	5	
594423	4130010	0.0814	46.3	46.3	1.5	ANNUAL	SRCGP4	5	
594342.1	4130030	0.07582	46.06	46.06	1.5	ANNUAL	SRCGP4	5	
594362.3	4130030	0.07861	46.03	46.03	1.5	ANNUAL	SRCGP4	5	
594382.5	4130030	0.08153	46.1	46.1	1.5	ANNUAL	SRCGP4	5	
594423	4130030	0.08788	46.15	46.15	1.5	ANNUAL	SRCGP4	5	
594321.9	4130050	0.07802	46.11	46.11	1.5	ANNUAL	SRCGP4	5	
594342.1	4130050	0.08101	46.08	46.08	1.5	ANNUAL	SRCGP4	5	
594362.3	4130050	0.08419	46.02	46.02	1.5	ANNUAL	SRCGP4	5	
594382.5	4130050	0.08751	46.14	46.14	1.5	ANNUAL	SRCGP4	5	
594423	4130050	0.09481	46.25	46.25	1.5	ANNUAL	SRCGP4	5	
594443.2	4130050	0.09878	46.34	46.34	1.5	ANNUAL	SRCGP4	5	
594463.4	4130050	0.10303	46.36	46.36	1.5	ANNUAL	SRCGP4	5	
594443.2	4130090	0.11628	45.91	45.91	1.5	ANNUAL	SRCGP4	5	
594463.4	4130090	0.12201	46.05	46.05	1.5	ANNUAL	SRCGP4	5	
594321.9	4130110	0.09515	46.22	46.22	1.5	ANNUAL	SRCGP4	5	
594342.1	4130110	0.09941	46.15	46.15	1.5	ANNUAL	SRCGP4	5	
594362.3	4130110	0.10415	45.72	45.72	1.5	ANNUAL	SRCGP4	5	
594402.8	4130110	0.11434	45.82	45.82	1.5	ANNUAL	SRCGP4	5	
594423	4130110	0.11996	46.03	46.03	1.5	ANNUAL	SRCGP4	5	
594443.2	4130110	0.1262	45.98	45.98	1.5	ANNUAL	SRCGP4	5	
594463.4	4130110	0.13292	46.01	46.01	1.5	ANNUAL	SRCGP4	5	
594321.9	4130130	0.10208	45.91	45.91	1.5	ANNUAL	SRCGP4	5	
594342.1	4130130	0.10688	45.82	45.82	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594362.3	4130130	0.11219	45.47	45.47	1.5	ANNUAL	SRCGP4	5	
594402.8	4130130	0.12345	46.12	46.12	1.5	ANNUAL	SRCGP4	5	
594423	4130130	0.12985	46.34	46.34	1.5	ANNUAL	SRCGP4	5	
594443.2	4130130	0.1372	46.02	46.02	1.5	ANNUAL	SRCGP4	5	
594463.4	4130130	0.14512	45.86	45.86	1.5	ANNUAL	SRCGP4	5	
594321.9	4130150	0.10965	45.64	45.64	1.5	ANNUAL	SRCGP4	5	
594342.1	4130150	0.11505	45.56	45.56	1.5	ANNUAL	SRCGP4	5	
594362.3	4130150	0.12098	45.36	45.36	1.5	ANNUAL	SRCGP4	5	
594423	4130150	0.14077	46.7	46.7	1.5	ANNUAL	SRCGP4	5	
594443.2	4130150	0.14921	46.34	46.34	1.5	ANNUAL	SRCGP4	5	
594463.4	4130150	0.15827	46.24	46.24	1.5	ANNUAL	SRCGP4	5	
594483.6	4130150	0.16831	46.1	46.1	1.5	ANNUAL	SRCGP4	5	
594503.9	4130150	0.17934	46.02	46.02	1.5	ANNUAL	SRCGP4	5	
594524.1	4130150	0.1914	46.08	46.08	1.5	ANNUAL	SRCGP4	5	
594544.3	4130150	0.20505	45.96	45.96	1.5	ANNUAL	SRCGP4	5	
594564.5	4130150	0.2205	45.71	45.71	1.5	ANNUAL	SRCGP4	5	
594584.7	4130150	0.23763	45.58	45.58	1.5	ANNUAL	SRCGP4	5	
594301.7	4130170	0.11232	45.46	45.46	1.5	ANNUAL	SRCGP4	5	
594321.9	4130170	0.11795	45.36	45.36	1.5	ANNUAL	SRCGP4	5	
594342.1	4130170	0.12399	45.38	45.38	1.5	ANNUAL	SRCGP4	5	
594362.3	4130170	0.13054	45.44	45.44	1.5	ANNUAL	SRCGP4	5	
594423	4130170	0.15301	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594443.2	4130170	0.16247	46.77	46.77	1.5	ANNUAL	SRCGP4	5	
594463.4	4130170	0.17286	46.72	46.72	1.5	ANNUAL	SRCGP4	5	
594483.6	4130170	0.18438	46.67	46.67	1.5	ANNUAL	SRCGP4	5	
594503.9	4130170	0.19733	46.51	46.51	1.5	ANNUAL	SRCGP4	5	
594524.1	4130170	0.21172	46.41	46.41	1.5	ANNUAL	SRCGP4	5	
594544.3	4130170	0.22794	46.26	46.26	1.5	ANNUAL	SRCGP4	5	
594564.5	4130170	0.24665	45.88	45.88	1.5	ANNUAL	SRCGP4	5	
594790.3	4129652	0.0738	49.15	49.15	1.5	ANNUAL	SRCGP4	5	
594810.3	4129652	0.08023	49.15	49.15	1.5	ANNUAL	SRCGP4	5	
594830.3	4129652	0.08753	49.14	49.14	1.5	ANNUAL	SRCGP4	5	
594850.3	4129652	0.09574	49.18	49.18	1.5	ANNUAL	SRCGP4	5	
594870.3	4129652	0.10508	49.15	49.15	1.5	ANNUAL	SRCGP4	5	
594890.3	4129652	0.11578	48.97	48.97	1.5	ANNUAL	SRCGP4	5	
594910.3	4129652	0.12757	48.87	48.87	1.5	ANNUAL	SRCGP4	5	
594930.3	4129652	0.14047	48.81	48.81	1.5	ANNUAL	SRCGP4	5	
594950.3	4129652	0.15474	48.63	48.63	1.5	ANNUAL	SRCGP4	5	
594970.3	4129652	0.17005	48.49	48.49	1.5	ANNUAL	SRCGP4	5	
594990.3	4129652	0.18652	48.3	48.3	1.5	ANNUAL	SRCGP4	5	
595010.3	4129652	0.20417	48.05	48.05	1.5	ANNUAL	SRCGP4	5	
595030.3	4129652	0.2229	47.79	47.79	1.5	ANNUAL	SRCGP4	5	
595050.3	4129652	0.24157	47.99	47.99	1.5	ANNUAL	SRCGP4	5	
595070.3	4129652	0.26383	47.33	47.33	1.5	ANNUAL	SRCGP4	5	
595090.3	4129652	0.28566	47.35	47.35	1.5	ANNUAL	SRCGP4	5	
594790.3	4129672	0.07732	48.86	48.86	1.5	ANNUAL	SRCGP4	5	
594810.3	4129672	0.08421	48.93	48.93	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594830.3	4129672	0.09201	49.02	49.02	1.5	ANNUAL	SRCGP4	5	
594850.3	4129672	0.10102	48.97	48.97	1.5	ANNUAL	SRCGP4	5	
594870.3	4129672	0.11123	48.92	48.92	1.5	ANNUAL	SRCGP4	5	
594890.3	4129672	0.12262	48.94	48.94	1.5	ANNUAL	SRCGP4	5	
594910.3	4129672	0.13551	48.84	48.84	1.5	ANNUAL	SRCGP4	5	
594930.3	4129672	0.14991	48.65	48.65	1.5	ANNUAL	SRCGP4	5	
594950.3	4129672	0.16552	48.52	48.52	1.5	ANNUAL	SRCGP4	5	
594970.3	4129672	0.18234	48.41	48.41	1.5	ANNUAL	SRCGP4	5	
594990.3	4129672	0.20063	48.18	48.18	1.5	ANNUAL	SRCGP4	5	
595010.3	4129672	0.22043	47.83	47.83	1.5	ANNUAL	SRCGP4	5	
595030.3	4129672	0.24097	47.69	47.69	1.5	ANNUAL	SRCGP4	5	
595050.3	4129672	0.26243	47.68	47.68	1.5	ANNUAL	SRCGP4	5	
595090.3	4129672	0.31089	47.36	47.36	1.5	ANNUAL	SRCGP4	5	
594790.3	4129692	0.08102	48.71	48.71	1.5	ANNUAL	SRCGP4	5	
594810.3	4129692	0.08846	48.78	48.78	1.5	ANNUAL	SRCGP4	5	
594830.3	4129692	0.09707	48.73	48.73	1.5	ANNUAL	SRCGP4	5	
594850.3	4129692	0.10694	48.64	48.64	1.5	ANNUAL	SRCGP4	5	
594870.3	4129692	0.11805	48.64	48.64	1.5	ANNUAL	SRCGP4	5	
594890.3	4129692	0.13049	48.7	48.7	1.5	ANNUAL	SRCGP4	5	
594910.3	4129692	0.14476	48.55	48.55	1.5	ANNUAL	SRCGP4	5	
594930.3	4129692	0.16045	48.46	48.46	1.5	ANNUAL	SRCGP4	5	
594950.3	4129692	0.17796	48.21	48.21	1.5	ANNUAL	SRCGP4	5	
594970.3	4129692	0.19674	48.05	48.05	1.5	ANNUAL	SRCGP4	5	
594990.3	4129692	0.21648	48.06	48.06	1.5	ANNUAL	SRCGP4	5	
595010.3	4129692	0.23828	47.8	47.8	1.5	ANNUAL	SRCGP4	5	
595050.3	4129692	0.28569	47.51	47.51	1.5	ANNUAL	SRCGP4	5	
595070.3	4129692	0.31154	47.48	47.48	1.5	ANNUAL	SRCGP4	5	
595090.3	4129692	0.34026	47.23	47.23	1.5	ANNUAL	SRCGP4	5	
594790.3	4129712	0.08519	48.36	48.36	1.5	ANNUAL	SRCGP4	5	
594810.3	4129712	0.09329	48.42	48.42	1.5	ANNUAL	SRCGP4	5	
594830.3	4129712	0.10251	48.52	48.52	1.5	ANNUAL	SRCGP4	5	
594850.3	4129712	0.11347	48.29	48.29	1.5	ANNUAL	SRCGP4	5	
594870.3	4129712	0.12565	48.31	48.31	1.5	ANNUAL	SRCGP4	5	
594890.3	4129712	0.13908	48.53	48.53	1.5	ANNUAL	SRCGP4	5	
594910.3	4129712	0.15472	48.43	48.43	1.5	ANNUAL	SRCGP4	5	
594930.3	4129712	0.17222	48.27	48.27	1.5	ANNUAL	SRCGP4	5	
595050.3	4129712	0.31175	47.48	47.48	1.5	ANNUAL	SRCGP4	5	
595070.3	4129712	0.34125	47.39	47.39	1.5	ANNUAL	SRCGP4	5	
595090.3	4129712	0.37374	47.17	47.17	1.5	ANNUAL	SRCGP4	5	
595130.3	4129712	0.4627	46.45	46.45	1.5	ANNUAL	SRCGP4	5	
595150.3	4129712	0.50537	46.11	46.11	1.5	ANNUAL	SRCGP4	5	
595170.3	4129712	0.55052	45.84	45.84	1.5	ANNUAL	SRCGP4	5	
594790.3	4129732	0.08966	48.09	48.09	1.5	ANNUAL	SRCGP4	5	
594810.3	4129732	0.09837	48.25	48.25	1.5	ANNUAL	SRCGP4	5	
594830.3	4129732	0.10842	48.35	48.35	1.5	ANNUAL	SRCGP4	5	
594850.3	4129732	0.12011	48.33	48.33	1.5	ANNUAL	SRCGP4	5	
594870.3	4129732	0.13358	48.27	48.27	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594890.3	4129732	0.14879	48.27	48.27	1.5	ANNUAL	SRCGP4	5	
594910.3	4129732	0.166	48.23	48.23	1.5	ANNUAL	SRCGP4	5	
594930.3	4129732	0.18565	47.98	47.98	1.5	ANNUAL	SRCGP4	5	
594950.3	4129732	0.20688	47.9	47.9	1.5	ANNUAL	SRCGP4	5	
594970.3	4129732	0.23003	47.8	47.8	1.5	ANNUAL	SRCGP4	5	
594990.3	4129732	0.25491	47.74	47.74	1.5	ANNUAL	SRCGP4	5	
595010.3	4129732	0.28157	47.7	47.7	1.5	ANNUAL	SRCGP4	5	
595050.3	4129732	0.34254	47.24	47.24	1.5	ANNUAL	SRCGP4	5	
595070.3	4129732	0.37567	47.26	47.26	1.5	ANNUAL	SRCGP4	5	
595090.3	4129732	0.41197	47.2	47.2	1.5	ANNUAL	SRCGP4	5	
595130.3	4129732	0.51374	46.39	46.39	1.5	ANNUAL	SRCGP4	5	
595150.3	4129732	0.56298	45.88	45.88	1.5	ANNUAL	SRCGP4	5	
595210.3	4129732	0.71987	45.68	45.68	1.5	ANNUAL	SRCGP4	5	
595230.3	4129732	0.77406	45.67	45.67	1.5	ANNUAL	SRCGP4	5	
595270.3	4129732	0.88263	45.17	45.17	1.5	ANNUAL	SRCGP4	5	
595290.3	4129732	0.93363	44.96	44.96	1.5	ANNUAL	SRCGP4	5	
594470.3	4129752	0.03335	47.62	47.62	1.5	ANNUAL	SRCGP4	5	
594490.3	4129752	0.03422	47.72	47.72	1.5	ANNUAL	SRCGP4	5	
594510.3	4129752	0.03533	47.78	47.78	1.5	ANNUAL	SRCGP4	5	
594530.3	4129752	0.03668	47.86	47.86	1.5	ANNUAL	SRCGP4	5	
594550.3	4129752	0.03849	47.58	47.58	1.5	ANNUAL	SRCGP4	5	
594570.3	4129752	0.04048	47.65	47.65	1.5	ANNUAL	SRCGP4	5	
594590.3	4129752	0.04282	47.72	47.72	1.5	ANNUAL	SRCGP4	5	
594790.3	4129752	0.09444	47.91	47.91	1.5	ANNUAL	SRCGP4	5	
594810.3	4129752	0.104	48.01	48.01	1.5	ANNUAL	SRCGP4	5	
594830.3	4129752	0.11502	48.09	48.09	1.5	ANNUAL	SRCGP4	5	
594850.3	4129752	0.12802	47.99	47.99	1.5	ANNUAL	SRCGP4	5	
594870.3	4129752	0.14253	48.14	48.14	1.5	ANNUAL	SRCGP4	5	
594890.3	4129752	0.15923	48.2	48.2	1.5	ANNUAL	SRCGP4	5	
594910.3	4129752	0.17843	48.12	48.12	1.5	ANNUAL	SRCGP4	5	
594930.3	4129752	0.19999	48	48	1.5	ANNUAL	SRCGP4	5	
594950.3	4129752	0.22363	47.94	47.94	1.5	ANNUAL	SRCGP4	5	
594970.3	4129752	0.2494	47.89	47.89	1.5	ANNUAL	SRCGP4	5	
594990.3	4129752	0.27763	47.75	47.75	1.5	ANNUAL	SRCGP4	5	
595010.3	4129752	0.30845	47.52	47.52	1.5	ANNUAL	SRCGP4	5	
595050.3	4129752	0.37777	47.09	47.09	1.5	ANNUAL	SRCGP4	5	
595070.3	4129752	0.41601	47.06	47.06	1.5	ANNUAL	SRCGP4	5	
595090.3	4129752	0.47341	46.95	46.95	1.5	ANNUAL	SRCGP4	5	
595170.3	4129752	0.6868	45.71	45.71	1.5	ANNUAL	SRCGP4	5	
595190.3	4129752	0.74563	45.71	45.71	1.5	ANNUAL	SRCGP4	5	
595210.3	4129752	0.8058	45.65	45.65	1.5	ANNUAL	SRCGP4	5	
595230.3	4129752	0.86554	45.65	45.65	1.5	ANNUAL	SRCGP4	5	
595270.3	4129752	0.9821	45.33	45.33	1.5	ANNUAL	SRCGP4	5	
595290.3	4129752	1.03669	45.04	45.04	1.5	ANNUAL	SRCGP4	5	
594470.3	4129772	0.0354	47.2	47.2	1.5	ANNUAL	SRCGP4	5	
594490.3	4129772	0.03611	47.61	47.61	1.5	ANNUAL	SRCGP4	5	
594510.3	4129772	0.03731	47.36	47.36	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594530.3	4129772	0.03859	47.53	47.53	1.5	ANNUAL	SRCGP4	5	
594550.3	4129772	0.04037	47.29	47.29	1.5	ANNUAL	SRCGP4	5	
594570.3	4129772	0.04229	47.46	47.46	1.5	ANNUAL	SRCGP4	5	
594590.3	4129772	0.04463	47.57	47.57	1.5	ANNUAL	SRCGP4	5	
594790.3	4129772	0.09956	47.83	47.83	1.5	ANNUAL	SRCGP4	5	
594810.3	4129772	0.10989	48.01	48.01	1.5	ANNUAL	SRCGP4	5	
594830.3	4129772	0.12204	48.02	48.02	1.5	ANNUAL	SRCGP4	5	
594850.3	4129772	0.1359	48.17	48.17	1.5	ANNUAL	SRCGP4	5	
594870.3	4129772	0.1525	48	48	1.5	ANNUAL	SRCGP4	5	
594890.3	4129772	0.17116	48.02	48.02	1.5	ANNUAL	SRCGP4	5	
594910.3	4129772	0.19392	47.42	47.42	1.5	ANNUAL	SRCGP4	5	
594930.3	4129772	0.21832	47.27	47.27	1.5	ANNUAL	SRCGP4	5	
594950.3	4129772	0.24472	47.33	47.33	1.5	ANNUAL	SRCGP4	5	
594970.3	4129772	0.27388	47.3	47.3	1.5	ANNUAL	SRCGP4	5	
594990.3	4129772	0.30489	47.45	47.45	1.5	ANNUAL	SRCGP4	5	
595010.3	4129772	0.3394	47.36	47.36	1.5	ANNUAL	SRCGP4	5	
595050.3	4129772	0.41836	47.02	47.02	1.5	ANNUAL	SRCGP4	5	
595070.3	4129772	0.47821	46.92	46.92	1.5	ANNUAL	SRCGP4	5	
595090.3	4129772	0.52791	46.95	46.95	1.5	ANNUAL	SRCGP4	5	
595170.3	4129772	0.77205	45.71	45.71	1.5	ANNUAL	SRCGP4	5	
595190.3	4129772	0.83846	45.67	45.67	1.5	ANNUAL	SRCGP4	5	
595230.3	4129772	0.97102	45.62	45.62	1.5	ANNUAL	SRCGP4	5	
595250.3	4129772	1.03375	45.71	45.71	1.5	ANNUAL	SRCGP4	5	
595270.3	4129772	1.09474	45.55	45.55	1.5	ANNUAL	SRCGP4	5	
595290.3	4129772	1.15266	45.19	45.19	1.5	ANNUAL	SRCGP4	5	
594470.3	4129792	0.03759	47.17	47.17	1.5	ANNUAL	SRCGP4	5	
594490.3	4129792	0.03848	47.06	47.06	1.5	ANNUAL	SRCGP4	5	
594510.3	4129792	0.03951	47.13	47.13	1.5	ANNUAL	SRCGP4	5	
594530.3	4129792	0.04083	47.12	47.12	1.5	ANNUAL	SRCGP4	5	
594550.3	4129792	0.04233	47.37	47.37	1.5	ANNUAL	SRCGP4	5	
594570.3	4129792	0.04439	47.24	47.24	1.5	ANNUAL	SRCGP4	5	
594590.3	4129792	0.0468	47.24	47.24	1.5	ANNUAL	SRCGP4	5	
594610.3	4129792	0.04961	47.37	47.37	1.5	ANNUAL	SRCGP4	5	
594790.3	4129792	0.10508	47.83	47.83	1.5	ANNUAL	SRCGP4	5	
594810.3	4129792	0.11628	48.06	48.06	1.5	ANNUAL	SRCGP4	5	
594830.3	4129792	0.12965	48.04	48.04	1.5	ANNUAL	SRCGP4	5	
594850.3	4129792	0.14561	47.82	47.82	1.5	ANNUAL	SRCGP4	5	
594870.3	4129792	0.16348	47.94	47.94	1.5	ANNUAL	SRCGP4	5	
594890.3	4129792	0.18459	47.84	47.84	1.5	ANNUAL	SRCGP4	5	
594930.3	4129792	0.23705	47.26	47.26	1.5	ANNUAL	SRCGP4	5	
594950.3	4129792	0.26673	47.35	47.35	1.5	ANNUAL	SRCGP4	5	
594970.3	4129792	0.29983	47.3	47.3	1.5	ANNUAL	SRCGP4	5	
594990.3	4129792	0.33667	47.1	47.1	1.5	ANNUAL	SRCGP4	5	
595010.3	4129792	0.38837	46.9	46.9	1.5	ANNUAL	SRCGP4	5	
595050.3	4129792	0.48173	46.86	46.86	1.5	ANNUAL	SRCGP4	5	
595070.3	4129792	0.53513	46.79	46.79	1.5	ANNUAL	SRCGP4	5	
595090.3	4129792	0.59337	46.69	46.69	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129792	0.94641	45.69	45.69	1.5	ANNUAL	SRCGP4	5	
595210.3	4129792	1.02039	45.67	45.67	1.5	ANNUAL	SRCGP4	5	
595230.3	4129792	1.09208	45.68	45.68	1.5	ANNUAL	SRCGP4	5	
595250.3	4129792	1.1605	45.65	45.65	1.5	ANNUAL	SRCGP4	5	
595270.3	4129792	1.22656	45.31	45.31	1.5	ANNUAL	SRCGP4	5	
595290.3	4129792	1.28674	44.96	44.96	1.5	ANNUAL	SRCGP4	5	
595310.3	4129792	1.3369	45	45	1.5	ANNUAL	SRCGP4	5	
595330.3	4129792	1.3814	44.84	44.84	1.5	ANNUAL	SRCGP4	5	
594470.3	4129812	0.04011	47.07	47.07	1.5	ANNUAL	SRCGP4	5	
594490.3	4129812	0.04289	46.93	46.93	1.5	ANNUAL	SRCGP4	5	
594510.3	4129812	0.04194	47.1	47.1	1.5	ANNUAL	SRCGP4	5	
594530.3	4129812	0.04323	47.07	47.07	1.5	ANNUAL	SRCGP4	5	
594550.3	4129812	0.04469	47.3	47.3	1.5	ANNUAL	SRCGP4	5	
594570.3	4129812	0.04667	47.27	47.27	1.5	ANNUAL	SRCGP4	5	
594590.3	4129812	0.04898	47.43	47.43	1.5	ANNUAL	SRCGP4	5	
594610.3	4129812	0.05192	47.37	47.37	1.5	ANNUAL	SRCGP4	5	
594790.3	4129812	0.1114	47.62	47.62	1.5	ANNUAL	SRCGP4	5	
594810.3	4129812	0.12382	47.77	47.77	1.5	ANNUAL	SRCGP4	5	
594830.3	4129812	0.13852	47.8	47.8	1.5	ANNUAL	SRCGP4	5	
594850.3	4129812	0.15627	47.57	47.57	1.5	ANNUAL	SRCGP4	5	
594870.3	4129812	0.17644	47.61	47.61	1.5	ANNUAL	SRCGP4	5	
594890.3	4129812	0.19993	47.6	47.6	1.5	ANNUAL	SRCGP4	5	
594950.3	4129812	0.29244	47.26	47.26	1.5	ANNUAL	SRCGP4	5	
594970.3	4129812	0.33009	47.24	47.24	1.5	ANNUAL	SRCGP4	5	
594990.3	4129812	0.38449	46.89	46.89	1.5	ANNUAL	SRCGP4	5	
595010.3	4129812	0.43184	46.8	46.8	1.5	ANNUAL	SRCGP4	5	
595050.3	4129812	0.54028	46.75	46.75	1.5	ANNUAL	SRCGP4	5	
595070.3	4129812	0.60265	46.65	46.65	1.5	ANNUAL	SRCGP4	5	
595090.3	4129812	0.67019	46.6	46.6	1.5	ANNUAL	SRCGP4	5	
595190.3	4129812	1.07301	45.68	45.68	1.5	ANNUAL	SRCGP4	5	
595210.3	4129812	1.1546	45.67	45.67	1.5	ANNUAL	SRCGP4	5	
595250.3	4129812	1.31068	45.08	45.08	1.5	ANNUAL	SRCGP4	5	
595270.3	4129812	1.37652	45.11	45.11	1.5	ANNUAL	SRCGP4	5	
595310.3	4129812	1.486	44.98	44.98	1.5	ANNUAL	SRCGP4	5	
595350.3	4129812	1.56253	44.65	44.65	1.5	ANNUAL	SRCGP4	5	
594790.3	4129832	0.11818	47.56	47.56	1.5	ANNUAL	SRCGP4	5	
594810.3	4129832	0.13183	47.71	47.71	1.5	ANNUAL	SRCGP4	5	
594830.3	4129832	0.14802	47.77	47.77	1.5	ANNUAL	SRCGP4	5	
594850.3	4129832	0.16795	47.45	47.45	1.5	ANNUAL	SRCGP4	5	
594870.3	4129832	0.19032	47.58	47.58	1.5	ANNUAL	SRCGP4	5	
594890.3	4129832	0.21703	47.48	47.48	1.5	ANNUAL	SRCGP4	5	
594950.3	4129832	0.32154	47.32	47.32	1.5	ANNUAL	SRCGP4	5	
594970.3	4129832	0.36507	47.23	47.23	1.5	ANNUAL	SRCGP4	5	
594990.3	4129832	0.42839	46.71	46.71	1.5	ANNUAL	SRCGP4	5	
595010.3	4129832	0.48332	46.66	46.66	1.5	ANNUAL	SRCGP4	5	
595050.3	4129832	0.61052	46.55	46.55	1.5	ANNUAL	SRCGP4	5	
595070.3	4129832	0.68363	46.46	46.46	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595090.3	4129832	0.76258	46.43	46.43	1.5	ANNUAL	SRCGP4	5	
595270.3	4129832	1.54669	44.97	44.97	1.5	ANNUAL	SRCGP4	5	
595310.3	4129832	1.65389	44.84	44.84	1.5	ANNUAL	SRCGP4	5	
595330.3	4129832	1.69176	44.79	44.79	1.5	ANNUAL	SRCGP4	5	
595350.3	4129832	1.72	44.68	44.68	1.5	ANNUAL	SRCGP4	5	
594790.3	4129852	0.12555	47.59	47.59	1.5	ANNUAL	SRCGP4	5	
594810.3	4129852	0.14056	47.75	47.75	1.5	ANNUAL	SRCGP4	5	
594830.3	4129852	0.15935	47.4	47.4	1.5	ANNUAL	SRCGP4	5	
594850.3	4129852	0.18129	47.26	47.26	1.5	ANNUAL	SRCGP4	5	
594870.3	4129852	0.20716	47.17	47.17	1.5	ANNUAL	SRCGP4	5	
594890.3	4129852	0.23699	47.24	47.24	1.5	ANNUAL	SRCGP4	5	
594950.3	4129852	0.35684	47.11	47.11	1.5	ANNUAL	SRCGP4	5	
594970.3	4129852	0.42123	46.87	46.87	1.5	ANNUAL	SRCGP4	5	
594990.3	4129852	0.48027	46.56	46.56	1.5	ANNUAL	SRCGP4	5	
595010.3	4129852	0.54428	46.6	46.6	1.5	ANNUAL	SRCGP4	5	
595050.3	4129852	0.69443	46.44	46.44	1.5	ANNUAL	SRCGP4	5	
595070.3	4129852	0.78085	46.32	46.32	1.5	ANNUAL	SRCGP4	5	
595090.3	4129852	0.87346	46.32	46.32	1.5	ANNUAL	SRCGP4	5	
595290.3	4129852	1.7941	44.98	44.98	1.5	ANNUAL	SRCGP4	5	
595310.3	4129852	1.83911	44.85	44.85	1.5	ANNUAL	SRCGP4	5	
595330.3	4129852	1.87048	44.84	44.84	1.5	ANNUAL	SRCGP4	5	
594790.3	4129912	0.16003	46.78	46.78	1.5	ANNUAL	SRCGP4	5	
594810.3	4129912	0.1752	47.19	47.19	1.5	ANNUAL	SRCGP4	5	
594830.3	4129912	0.201	47.09	47.09	1.5	ANNUAL	SRCGP4	5	
594850.3	4129912	0.24138	46.7	46.7	1.5	ANNUAL	SRCGP4	5	
594870.3	4129912	0.28065	46.74	46.74	1.5	ANNUAL	SRCGP4	5	
594890.3	4129912	0.32821	46.6	46.6	1.5	ANNUAL	SRCGP4	5	
594910.3	4129912	0.38421	46.52	46.52	1.5	ANNUAL	SRCGP4	5	
594930.3	4129912	0.44972	46.39	46.39	1.5	ANNUAL	SRCGP4	5	
594950.3	4129912	0.52569	46.19	46.19	1.5	ANNUAL	SRCGP4	5	
594970.3	4129912	0.61283	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
594990.3	4129912	0.71195	45.75	45.75	1.5	ANNUAL	SRCGP4	5	
595010.3	4129912	0.81909	46.09	46.09	1.5	ANNUAL	SRCGP4	5	
595030.3	4129912	0.94245	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
595050.3	4129912	1.07788	45.89	45.89	1.5	ANNUAL	SRCGP4	5	
595090.3	4129912	1.38262	45.52	45.52	1.5	ANNUAL	SRCGP4	5	
595110.3	4129912	1.54102	45.59	45.59	1.5	ANNUAL	SRCGP4	5	
595130.3	4129912	1.70284	45.47	45.47	1.5	ANNUAL	SRCGP4	5	
595150.3	4129912	1.85801	45.48	45.48	1.5	ANNUAL	SRCGP4	5	
595170.3	4129912	2.00383	45.47	45.47	1.5	ANNUAL	SRCGP4	5	
595190.3	4129912	2.13507	45.48	45.48	1.5	ANNUAL	SRCGP4	5	
595210.3	4129912	2.25205	45.3	45.3	1.5	ANNUAL	SRCGP4	5	
595230.3	4129912	2.35676	44.69	44.69	1.5	ANNUAL	SRCGP4	5	
595250.3	4129912	2.4292	44.65	44.65	1.5	ANNUAL	SRCGP4	5	
595270.3	4129912	2.47989	44.61	44.61	1.5	ANNUAL	SRCGP4	5	
595290.3	4129912	2.5031	44.94	44.94	1.5	ANNUAL	SRCGP4	5	
595310.3	4129912	2.52262	44.34	44.34	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595330.3	4129912	2.51818	44.06	44.06	1.5	ANNUAL	SRCGP4	5	
595350.3	4129912	2.48946	44.33	44.33	1.5	ANNUAL	SRCGP4	5	
595370.3	4129912	2.45275	44.2	44.2	1.5	ANNUAL	SRCGP4	5	
595390.3	4129912	2.40466	44.02	44.02	1.5	ANNUAL	SRCGP4	5	
595430.3	4129912	2.27794	43.83	43.83	1.5	ANNUAL	SRCGP4	5	
595450.3	4129912	2.2011	44.05	44.05	1.5	ANNUAL	SRCGP4	5	
594790.3	4129932	0.1731	46.42	46.42	1.5	ANNUAL	SRCGP4	5	
594810.3	4129932	0.19745	46.53	46.53	1.5	ANNUAL	SRCGP4	5	
594830.3	4129932	0.22786	46.45	46.45	1.5	ANNUAL	SRCGP4	5	
594850.3	4129932	0.2655	46.31	46.31	1.5	ANNUAL	SRCGP4	5	
594870.3	4129932	0.31163	46.16	46.16	1.5	ANNUAL	SRCGP4	5	
594890.3	4129932	0.36707	46.11	46.11	1.5	ANNUAL	SRCGP4	5	
594910.3	4129932	0.43466	45.73	45.73	1.5	ANNUAL	SRCGP4	5	
594930.3	4129932	0.51166	45.86	45.86	1.5	ANNUAL	SRCGP4	5	
594950.3	4129932	0.60284	45.7	45.7	1.5	ANNUAL	SRCGP4	5	
594970.3	4129932	0.70845	45.49	45.49	1.5	ANNUAL	SRCGP4	5	
594990.3	4129932	0.82695	45.55	45.55	1.5	ANNUAL	SRCGP4	5	
595010.3	4129932	0.96091	45.59	45.59	1.5	ANNUAL	SRCGP4	5	
595030.3	4129932	1.11348	45.35	45.35	1.5	ANNUAL	SRCGP4	5	
595050.3	4129932	1.27665	45.43	45.43	1.5	ANNUAL	SRCGP4	5	
595090.3	4129932	1.63751	45.36	45.36	1.5	ANNUAL	SRCGP4	5	
595110.3	4129932	1.82492	45.32	45.32	1.5	ANNUAL	SRCGP4	5	
595130.3	4129932	2.0105	45.21	45.21	1.5	ANNUAL	SRCGP4	5	
595150.3	4129932	2.18193	45.32	45.32	1.5	ANNUAL	SRCGP4	5	
595170.3	4129932	2.33971	45.32	45.32	1.5	ANNUAL	SRCGP4	5	
595190.3	4129932	2.48068	45.14	45.14	1.5	ANNUAL	SRCGP4	5	
595210.3	4129932	2.59555	45.04	45.04	1.5	ANNUAL	SRCGP4	5	
595250.3	4129932	2.74664	44.8	44.8	1.5	ANNUAL	SRCGP4	5	
595270.3	4129932	2.78069	44.78	44.78	1.5	ANNUAL	SRCGP4	5	
595290.3	4129932	2.79726	44.41	44.41	1.5	ANNUAL	SRCGP4	5	
595310.3	4129932	2.7882	44.2	44.2	1.5	ANNUAL	SRCGP4	5	
595330.3	4129932	2.76026	43.93	43.93	1.5	ANNUAL	SRCGP4	5	
595350.3	4129932	2.70698	44.19	44.19	1.5	ANNUAL	SRCGP4	5	
595370.3	4129932	2.64971	43.79	43.79	1.5	ANNUAL	SRCGP4	5	
595390.3	4129932	2.57393	43.87	43.87	1.5	ANNUAL	SRCGP4	5	
595430.3	4129932	2.40172	43.72	43.72	1.5	ANNUAL	SRCGP4	5	
595450.3	4129932	2.30581	43.8	43.8	1.5	ANNUAL	SRCGP4	5	
594790.3	4129952	0.18791	46.19	46.19	1.5	ANNUAL	SRCGP4	5	
594810.3	4129952	0.2156	46.14	46.14	1.5	ANNUAL	SRCGP4	5	
594830.3	4129952	0.25036	46.03	46.03	1.5	ANNUAL	SRCGP4	5	
594850.3	4129952	0.29359	45.97	45.97	1.5	ANNUAL	SRCGP4	5	
594870.3	4129952	0.3474	45.84	45.84	1.5	ANNUAL	SRCGP4	5	
594890.3	4129952	0.41302	45.76	45.76	1.5	ANNUAL	SRCGP4	5	
594910.3	4129952	0.49162	45.76	45.76	1.5	ANNUAL	SRCGP4	5	
594930.3	4129952	0.58608	45.58	45.58	1.5	ANNUAL	SRCGP4	5	
594950.3	4129952	0.69673	45.45	45.45	1.5	ANNUAL	SRCGP4	5	
594970.3	4129952	0.8249	45.38	45.38	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.3	4129952	0.97169	45.36	45.36	1.5	ANNUAL	SRCGP4	5	
595010.3	4129952	1.13911	45.25	45.25	1.5	ANNUAL	SRCGP4	5	
595030.3	4129952	1.32458	45.2	45.2	1.5	ANNUAL	SRCGP4	5	
595050.3	4129952	1.52544	45.2	45.2	1.5	ANNUAL	SRCGP4	5	
595090.3	4129952	1.9567	45.21	45.21	1.5	ANNUAL	SRCGP4	5	
595110.3	4129952	2.17278	45.27	45.27	1.5	ANNUAL	SRCGP4	5	
595130.3	4129952	2.38643	45.04	45.04	1.5	ANNUAL	SRCGP4	5	
595150.3	4129952	2.5742	45.17	45.17	1.5	ANNUAL	SRCGP4	5	
595170.3	4129952	2.74474	45.02	45.02	1.5	ANNUAL	SRCGP4	5	
595190.3	4129952	2.89179	44.64	44.64	1.5	ANNUAL	SRCGP4	5	
595210.3	4129952	3.00018	44.5	44.5	1.5	ANNUAL	SRCGP4	5	
595250.3	4129952	3.10319	44.82	44.82	1.5	ANNUAL	SRCGP4	5	
595290.3	4129952	3.10008	44.55	44.55	1.5	ANNUAL	SRCGP4	5	
595310.3	4129952	3.06353	44.27	44.27	1.5	ANNUAL	SRCGP4	5	
595330.3	4129952	3.00841	43.85	43.85	1.5	ANNUAL	SRCGP4	5	
595350.3	4129952	2.9241	44.14	44.14	1.5	ANNUAL	SRCGP4	5	
595370.3	4129952	2.83517	43.91	43.91	1.5	ANNUAL	SRCGP4	5	
595390.3	4129952	2.73376	43.82	43.82	1.5	ANNUAL	SRCGP4	5	
595430.3	4129952	2.51226	43.56	43.56	1.5	ANNUAL	SRCGP4	5	
595450.3	4129952	2.39431	43.64	43.64	1.5	ANNUAL	SRCGP4	5	
594510.3	4129972	0.08021	46.83	46.83	1.5	ANNUAL	SRCGP4	5	
594530.3	4129972	0.08075	47.03	47.03	1.5	ANNUAL	SRCGP4	5	
594550.3	4129972	0.08316	46.99	46.99	1.5	ANNUAL	SRCGP4	5	
595090.3	4129972	2.36072	45.01	45.01	1.5	ANNUAL	SRCGP4	5	
595110.3	4129972	2.61485	44.91	44.91	1.5	ANNUAL	SRCGP4	5	
595130.3	4129972	2.84867	44.88	44.88	1.5	ANNUAL	SRCGP4	5	
595150.3	4129972	3.05021	44.99	44.99	1.5	ANNUAL	SRCGP4	5	
595170.3	4129972	3.22584	44.78	44.78	1.5	ANNUAL	SRCGP4	5	
595190.3	4129972	3.36205	44.54	44.54	1.5	ANNUAL	SRCGP4	5	
595210.3	4129972	3.44826	44.57	44.57	1.5	ANNUAL	SRCGP4	5	
595230.3	4129972	3.50034	44.35	44.35	1.5	ANNUAL	SRCGP4	5	
595250.3	4129972	3.49469	44.85	44.85	1.5	ANNUAL	SRCGP4	5	
595270.3	4129972	3.47272	44.7	44.7	1.5	ANNUAL	SRCGP4	5	
595290.3	4129972	3.42708	44.28	44.28	1.5	ANNUAL	SRCGP4	5	
595310.3	4129972	3.35089	44.07	44.07	1.5	ANNUAL	SRCGP4	5	
595330.3	4129972	3.25714	43.7	43.7	1.5	ANNUAL	SRCGP4	5	
595350.3	4129972	3.13555	44.02	44.02	1.5	ANNUAL	SRCGP4	5	
595370.3	4129972	3.01097	43.88	43.88	1.5	ANNUAL	SRCGP4	5	
595390.3	4129972	2.87896	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595430.3	4129972	2.60235	43.48	43.48	1.5	ANNUAL	SRCGP4	5	
595450.3	4129972	2.46166	43.56	43.56	1.5	ANNUAL	SRCGP4	5	
594510.3	4129992	0.08756	46.81	46.81	1.5	ANNUAL	SRCGP4	5	
594530.3	4129992	0.09055	46.88	46.88	1.5	ANNUAL	SRCGP4	5	
594550.3	4129992	0.09148	46.99	46.99	1.5	ANNUAL	SRCGP4	5	
594790.3	4129992	0.22467	45.96	45.96	1.5	ANNUAL	SRCGP4	5	
594810.3	4129992	0.25972	46.02	46.02	1.5	ANNUAL	SRCGP4	5	
594830.3	4129992	0.30518	45.97	45.97	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594850.3	4129992	0.36386	45.88	45.88	1.5	ANNUAL	SRCGP4	5	
594870.3	4129992	0.4388	45.78	45.78	1.5	ANNUAL	SRCGP4	5	
594890.3	4129992	0.533	45.68	45.68	1.5	ANNUAL	SRCGP4	5	
594910.3	4129992	0.64978	45.53	45.53	1.5	ANNUAL	SRCGP4	5	
594930.3	4129992	0.79101	45.47	45.47	1.5	ANNUAL	SRCGP4	5	
594950.3	4129992	0.96133	45.34	45.34	1.5	ANNUAL	SRCGP4	5	
594970.3	4129992	1.16289	45.21	45.21	1.5	ANNUAL	SRCGP4	5	
595010.3	4129992	1.66014	45.01	45.01	1.5	ANNUAL	SRCGP4	5	
595030.3	4129992	1.94743	45	45	1.5	ANNUAL	SRCGP4	5	
595050.3	4129992	2.25297	44.95	44.95	1.5	ANNUAL	SRCGP4	5	
595090.3	4129992	2.87451	44.79	44.79	1.5	ANNUAL	SRCGP4	5	
595110.3	4129992	3.16055	44.8	44.8	1.5	ANNUAL	SRCGP4	5	
595130.3	4129992	3.41711	44.73	44.73	1.5	ANNUAL	SRCGP4	5	
595150.3	4129992	3.6267	44.77	44.77	1.5	ANNUAL	SRCGP4	5	
595170.3	4129992	3.79777	44.48	44.48	1.5	ANNUAL	SRCGP4	5	
595190.3	4129992	3.90094	44.6	44.6	1.5	ANNUAL	SRCGP4	5	
595210.3	4129992	3.95645	44.58	44.58	1.5	ANNUAL	SRCGP4	5	
595230.3	4129992	3.97208	44.27	44.27	1.5	ANNUAL	SRCGP4	5	
595250.3	4129992	3.93163	44.36	44.36	1.5	ANNUAL	SRCGP4	5	
595270.3	4129992	3.85876	44.3	44.3	1.5	ANNUAL	SRCGP4	5	
595290.3	4129992	3.76208	43.97	43.97	1.5	ANNUAL	SRCGP4	5	
595310.3	4129992	3.63399	43.94	43.94	1.5	ANNUAL	SRCGP4	5	
595330.3	4129992	3.49372	43.63	43.63	1.5	ANNUAL	SRCGP4	5	
595350.3	4129992	3.33036	43.91	43.91	1.5	ANNUAL	SRCGP4	5	
595370.3	4129992	3.16584	43.86	43.86	1.5	ANNUAL	SRCGP4	5	
595390.3	4129992	2.99864	43.75	43.75	1.5	ANNUAL	SRCGP4	5	
595430.3	4129992	2.66717	43.39	43.39	1.5	ANNUAL	SRCGP4	5	
595450.3	4129992	2.5037	43.51	43.51	1.5	ANNUAL	SRCGP4	5	
594510.3	4130012	0.09572	46.78	46.78	1.5	ANNUAL	SRCGP4	5	
594550.3	4130012	0.10316	46.82	46.82	1.5	ANNUAL	SRCGP4	5	
594790.3	4130012	0.24841	45.75	45.75	1.5	ANNUAL	SRCGP4	5	
594810.3	4130012	0.28802	45.92	45.92	1.5	ANNUAL	SRCGP4	5	
594830.3	4130012	0.34121	45.75	45.75	1.5	ANNUAL	SRCGP4	5	
594850.3	4130012	0.41077	45.64	45.64	1.5	ANNUAL	SRCGP4	5	
594870.3	4130012	0.50128	45.52	45.52	1.5	ANNUAL	SRCGP4	5	
594890.3	4130012	0.61616	45.5	45.5	1.5	ANNUAL	SRCGP4	5	
594910.3	4130012	0.76099	45.39	45.39	1.5	ANNUAL	SRCGP4	5	
594930.3	4130012	0.93892	45.34	45.34	1.5	ANNUAL	SRCGP4	5	
594950.3	4130012	1.15683	45.17	45.17	1.5	ANNUAL	SRCGP4	5	
594970.3	4130012	1.41605	45.04	45.04	1.5	ANNUAL	SRCGP4	5	
595010.3	4130012	2.05234	44.88	44.88	1.5	ANNUAL	SRCGP4	5	
595030.3	4130012	2.4125	44.92	44.92	1.5	ANNUAL	SRCGP4	5	
595050.3	4130012	2.7923	44.79	44.79	1.5	ANNUAL	SRCGP4	5	
595090.3	4130012	3.52167	44.78	44.78	1.5	ANNUAL	SRCGP4	5	
595110.3	4130012	3.84514	44.66	44.66	1.5	ANNUAL	SRCGP4	5	
595150.3	4130012	4.32716	44.36	44.36	1.5	ANNUAL	SRCGP4	5	
595170.3	4130012	4.46081	44.37	44.37	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595230.3	4130012	4.47894	44.26	44.26	1.5	ANNUAL	SRCGP4	5	
595250.3	4130012	4.37413	44.4	44.4	1.5	ANNUAL	SRCGP4	5	
595270.3	4130012	4.24312	44.19	44.19	1.5	ANNUAL	SRCGP4	5	
595290.3	4130012	4.08728	43.8	43.8	1.5	ANNUAL	SRCGP4	5	
595310.3	4130012	3.90297	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595330.3	4130012	3.70747	43.53	43.53	1.5	ANNUAL	SRCGP4	5	
595350.3	4130012	3.49667	43.83	43.83	1.5	ANNUAL	SRCGP4	5	
595370.3	4130012	3.29119	43.76	43.76	1.5	ANNUAL	SRCGP4	5	
595390.3	4130012	3.08794	43.68	43.68	1.5	ANNUAL	SRCGP4	5	
595430.3	4130012	2.70135	43.29	43.29	1.5	ANNUAL	SRCGP4	5	
595450.3	4130012	2.51709	43.42	43.42	1.5	ANNUAL	SRCGP4	5	
594490.3	4130032	0.10091	46.29	46.29	1.5	ANNUAL	SRCGP4	5	
594510.3	4130032	0.10487	46.59	46.59	1.5	ANNUAL	SRCGP4	5	
594530.3	4130032	0.10924	46.58	46.58	1.5	ANNUAL	SRCGP4	5	
594570.3	4130032	0.11877	46.62	46.62	1.5	ANNUAL	SRCGP4	5	
594790.3	4130032	0.2771	45.51	45.51	1.5	ANNUAL	SRCGP4	5	
594810.3	4130032	0.32314	45.54	45.54	1.5	ANNUAL	SRCGP4	5	
594830.3	4130032	0.38529	45.44	45.44	1.5	ANNUAL	SRCGP4	5	
594850.3	4130032	0.46822	45.41	45.41	1.5	ANNUAL	SRCGP4	5	
594870.3	4130032	0.57909	45.28	45.28	1.5	ANNUAL	SRCGP4	5	
594890.3	4130032	0.72246	45.26	45.26	1.5	ANNUAL	SRCGP4	5	
594910.3	4130032	0.90676	45.12	45.12	1.5	ANNUAL	SRCGP4	5	
594930.3	4130032	1.13641	45.07	45.07	1.5	ANNUAL	SRCGP4	5	
594950.3	4130032	1.42148	44.88	44.88	1.5	ANNUAL	SRCGP4	5	
594970.3	4130032	1.76006	44.82	44.82	1.5	ANNUAL	SRCGP4	5	
595010.3	4130032	2.58602	44.66	44.66	1.5	ANNUAL	SRCGP4	5	
595030.3	4130032	3.04434	44.63	44.63	1.5	ANNUAL	SRCGP4	5	
595050.3	4130032	3.50714	44.62	44.62	1.5	ANNUAL	SRCGP4	5	
595090.3	4130032	4.36492	44.44	44.44	1.5	ANNUAL	SRCGP4	5	
595150.3	4130032	5.14963	44.17	44.17	1.5	ANNUAL	SRCGP4	5	
595170.3	4130032	5.22842	44.19	44.19	1.5	ANNUAL	SRCGP4	5	
595230.3	4130032	5.01421	44.09	44.09	1.5	ANNUAL	SRCGP4	5	
595250.3	4130032	4.825	44.27	44.27	1.5	ANNUAL	SRCGP4	5	
595270.3	4130032	4.61401	44.11	44.11	1.5	ANNUAL	SRCGP4	5	
595290.3	4130032	4.38478	43.76	43.76	1.5	ANNUAL	SRCGP4	5	
595310.3	4130032	4.13792	43.54	43.54	1.5	ANNUAL	SRCGP4	5	
595330.3	4130032	3.88513	43.33	43.33	1.5	ANNUAL	SRCGP4	5	
595350.3	4130032	3.62335	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595370.3	4130032	3.37541	43.68	43.68	1.5	ANNUAL	SRCGP4	5	
595390.3	4130032	3.13868	43.52	43.52	1.5	ANNUAL	SRCGP4	5	
595430.3	4130032	2.70061	43.19	43.19	1.5	ANNUAL	SRCGP4	5	
595450.3	4130032	2.49905	43.29	43.29	1.5	ANNUAL	SRCGP4	5	
594490.3	4130052	0.11016	46.24	46.24	1.5	ANNUAL	SRCGP4	5	
594510.3	4130052	0.11486	46.62	46.62	1.5	ANNUAL	SRCGP4	5	
594530.3	4130052	0.11999	46.76	46.76	1.5	ANNUAL	SRCGP4	5	
594550.3	4130052	0.12562	46.7	46.7	1.5	ANNUAL	SRCGP4	5	
594570.3	4130052	0.13164	46.63	46.63	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594590.3	4130052	0.13813	46.57	46.57	1.5	ANNUAL	SRCGP4	5	
594790.3	4130052	0.31043	45.73	45.73	1.5	ANNUAL	SRCGP4	5	
594810.3	4130052	0.36452	45.52	45.52	1.5	ANNUAL	SRCGP4	5	
594830.3	4130052	0.43754	45.48	45.48	1.5	ANNUAL	SRCGP4	5	
594850.3	4130052	0.53839	45.38	45.38	1.5	ANNUAL	SRCGP4	5	
594870.3	4130052	0.67612	45.25	45.25	1.5	ANNUAL	SRCGP4	5	
594890.3	4130052	0.85802	45.25	45.25	1.5	ANNUAL	SRCGP4	5	
594910.3	4130052	1.09606	45.16	45.16	1.5	ANNUAL	SRCGP4	5	
594930.3	4130052	1.40154	44.98	44.98	1.5	ANNUAL	SRCGP4	5	
594950.3	4130052	1.77981	44.87	44.87	1.5	ANNUAL	SRCGP4	5	
594970.3	4130052	2.23286	44.77	44.77	1.5	ANNUAL	SRCGP4	5	
595010.3	4130052	3.31443	44.59	44.59	1.5	ANNUAL	SRCGP4	5	
595030.3	4130052	3.89822	44.46	44.46	1.5	ANNUAL	SRCGP4	5	
595050.3	4130052	4.46677	44.38	44.38	1.5	ANNUAL	SRCGP4	5	
595090.3	4130052	5.43772	44.21	44.21	1.5	ANNUAL	SRCGP4	5	
595150.3	4130052	6.10527	44.05	44.05	1.5	ANNUAL	SRCGP4	5	
595170.3	4130052	6.09243	44.02	44.02	1.5	ANNUAL	SRCGP4	5	
595210.3	4130052	5.77995	44.28	44.28	1.5	ANNUAL	SRCGP4	5	
595230.3	4130052	5.54704	43.96	43.96	1.5	ANNUAL	SRCGP4	5	
595250.3	4130052	5.25032	44.25	44.25	1.5	ANNUAL	SRCGP4	5	
595270.3	4130052	4.94303	44.2	44.2	1.5	ANNUAL	SRCGP4	5	
595430.3	4130052	2.66263	43.08	43.08	1.5	ANNUAL	SRCGP4	5	
595450.3	4130052	2.44722	43.26	43.26	1.5	ANNUAL	SRCGP4	5	
594490.3	4130072	0.12037	46.16	46.16	1.5	ANNUAL	SRCGP4	5	
594510.3	4130072	0.12595	46.59	46.59	1.5	ANNUAL	SRCGP4	5	
594550.3	4130072	0.13885	46.73	46.73	1.5	ANNUAL	SRCGP4	5	
594570.3	4130072	0.14655	46.28	46.28	1.5	ANNUAL	SRCGP4	5	
594790.3	4130072	0.35323	45.62	45.62	1.5	ANNUAL	SRCGP4	5	
594810.3	4130072	0.41509	45.65	45.65	1.5	ANNUAL	SRCGP4	5	
594830.3	4130072	0.50213	45.61	45.61	1.5	ANNUAL	SRCGP4	5	
594850.3	4130072	0.62571	45.54	45.54	1.5	ANNUAL	SRCGP4	5	
594870.3	4130072	0.80244	45.22	45.22	1.5	ANNUAL	SRCGP4	5	
594890.3	4130072	1.04196	45.09	45.09	1.5	ANNUAL	SRCGP4	5	
594910.3	4130072	1.35846	45.09	45.09	1.5	ANNUAL	SRCGP4	5	
594930.3	4130072	1.77104	45.01	45.01	1.5	ANNUAL	SRCGP4	5	
594950.3	4130072	2.28487	44.99	44.99	1.5	ANNUAL	SRCGP4	5	
594970.3	4130072	2.91187	44.64	44.64	1.5	ANNUAL	SRCGP4	5	
595010.3	4130072	4.34027	44.42	44.42	1.5	ANNUAL	SRCGP4	5	
595030.3	4130072	5.06845	44.35	44.35	1.5	ANNUAL	SRCGP4	5	
595050.3	4130072	5.7527	44.22	44.22	1.5	ANNUAL	SRCGP4	5	
595090.3	4130072	6.78756	44.17	44.17	1.5	ANNUAL	SRCGP4	5	
595110.3	4130072	7.088	44.05	44.05	1.5	ANNUAL	SRCGP4	5	
595150.3	4130072	7.1861	43.99	43.99	1.5	ANNUAL	SRCGP4	5	
595210.3	4130072	6.42346	43.93	43.93	1.5	ANNUAL	SRCGP4	5	
595230.3	4130072	6.04679	43.75	43.75	1.5	ANNUAL	SRCGP4	5	
595250.3	4130072	5.63087	43.96	43.96	1.5	ANNUAL	SRCGP4	5	
595270.3	4130072	5.21955	43.88	43.88	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595430.3	4130072	2.58669	43.02	43.02	1.5	ANNUAL	SRCGP4	5	
595450.3	4130072	2.36474	43.1	43.1	1.5	ANNUAL	SRCGP4	5	
594510.3	4130092	0.13842	46.34	46.34	1.5	ANNUAL	SRCGP4	5	
594550.3	4130092	0.15394	46.5	46.5	1.5	ANNUAL	SRCGP4	5	
594570.3	4130092	0.16308	46.22	46.22	1.5	ANNUAL	SRCGP4	5	
595010.3	4130092	5.80184	44.23	44.23	1.5	ANNUAL	SRCGP4	5	
595030.3	4130092	6.69355	44.22	44.22	1.5	ANNUAL	SRCGP4	5	
595050.3	4130092	7.48966	44.04	44.04	1.5	ANNUAL	SRCGP4	5	
595090.3	4130092	8.49139	44.03	44.03	1.5	ANNUAL	SRCGP4	5	
595110.3	4130092	8.65946	43.96	43.96	1.5	ANNUAL	SRCGP4	5	
595150.3	4130092	8.37269	43.8	43.8	1.5	ANNUAL	SRCGP4	5	
595170.3	4130092	7.99526	43.76	43.76	1.5	ANNUAL	SRCGP4	5	
595190.3	4130092	7.51542	43.9	43.9	1.5	ANNUAL	SRCGP4	5	
595210.3	4130092	6.9938	43.88	43.88	1.5	ANNUAL	SRCGP4	5	
595230.3	4130092	6.45171	43.86	43.86	1.5	ANNUAL	SRCGP4	5	
595250.3	4130092	5.915	43.77	43.77	1.5	ANNUAL	SRCGP4	5	
595430.3	4130092	2.47566	42.96	42.96	1.5	ANNUAL	SRCGP4	5	
595450.3	4130092	2.25248	43.04	43.04	1.5	ANNUAL	SRCGP4	5	
594510.3	4130112	0.1522	46.21	46.21	1.5	ANNUAL	SRCGP4	5	
594530.3	4130112	0.16102	46.37	46.37	1.5	ANNUAL	SRCGP4	5	
594550.3	4130112	0.17087	46.31	46.31	1.5	ANNUAL	SRCGP4	5	
594570.3	4130112	0.1819	46.07	46.07	1.5	ANNUAL	SRCGP4	5	
595010.3	4130112	7.89476	44.14	44.14	1.5	ANNUAL	SRCGP4	5	
595030.3	4130112	8.96712	44.04	44.04	1.5	ANNUAL	SRCGP4	5	
595050.3	4130112	9.81426	43.97	43.97	1.5	ANNUAL	SRCGP4	5	
595090.3	4130112	10.57914	43.94	43.94	1.5	ANNUAL	SRCGP4	5	
595110.3	4130112	10.4937	43.79	43.79	1.5	ANNUAL	SRCGP4	5	
595130.3	4130112	10.14866	43.56	43.56	1.5	ANNUAL	SRCGP4	5	
595150.3	4130112	9.59287	43.53	43.53	1.5	ANNUAL	SRCGP4	5	
595170.3	4130112	8.91527	43.59	43.59	1.5	ANNUAL	SRCGP4	5	
595190.3	4130112	8.17008	43.9	43.9	1.5	ANNUAL	SRCGP4	5	
595210.3	4130112	7.43811	43.88	43.88	1.5	ANNUAL	SRCGP4	5	
595230.3	4130112	6.73406	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595250.3	4130112	6.0628	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595430.3	4130112	2.33454	42.89	42.89	1.5	ANNUAL	SRCGP4	5	
595450.3	4130112	2.11723	42.89	42.89	1.5	ANNUAL	SRCGP4	5	
594510.3	4130132	0.16784	45.89	45.89	1.5	ANNUAL	SRCGP4	5	
594530.3	4130132	0.17847	45.93	45.93	1.5	ANNUAL	SRCGP4	5	
594550.3	4130132	0.19015	46	46	1.5	ANNUAL	SRCGP4	5	
594570.3	4130132	0.20334	45.87	45.87	1.5	ANNUAL	SRCGP4	5	
595010.3	4130132	10.93604	44.01	44.01	1.5	ANNUAL	SRCGP4	5	
595030.3	4130132	12.1092	44.04	44.04	1.5	ANNUAL	SRCGP4	5	
595050.3	4130132	12.91581	43.89	43.89	1.5	ANNUAL	SRCGP4	5	
595090.3	4130132	13.04948	43.83	43.83	1.5	ANNUAL	SRCGP4	5	
595110.3	4130132	12.50875	43.61	43.61	1.5	ANNUAL	SRCGP4	5	
595130.3	4130132	11.69312	43.39	43.39	1.5	ANNUAL	SRCGP4	5	
595150.3	4130132	10.70723	43.41	43.41	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595170.3	4130132	9.66241	43.62	43.62	1.5	ANNUAL	SRCGP4	5	
595190.3	4130132	8.64641	43.74	43.74	1.5	ANNUAL	SRCGP4	5	
595210.3	4130132	7.69608	43.76	43.76	1.5	ANNUAL	SRCGP4	5	
595230.3	4130132	6.82554	43.77	43.77	1.5	ANNUAL	SRCGP4	5	
595250.3	4130132	6.04392	43.74	43.74	1.5	ANNUAL	SRCGP4	5	
595430.3	4130132	2.17162	42.69	42.69	1.5	ANNUAL	SRCGP4	5	
595450.3	4130132	1.96387	42.8	42.8	1.5	ANNUAL	SRCGP4	5	
595010.3	4130152	15.36996	43.85	43.85	1.5	ANNUAL	SRCGP4	5	
595030.3	4130152	16.5361	43.77	43.77	1.5	ANNUAL	SRCGP4	5	
595050.3	4130152	16.99222	43.73	43.73	1.5	ANNUAL	SRCGP4	5	
595090.3	4130152	15.77758	43.71	43.71	1.5	ANNUAL	SRCGP4	5	
595110.3	4130152	14.49056	43.6	43.6	1.5	ANNUAL	SRCGP4	5	
595130.3	4130152	13.04707	43.32	43.32	1.5	ANNUAL	SRCGP4	5	
595150.3	4130152	11.56107	43.24	43.24	1.5	ANNUAL	SRCGP4	5	
595170.3	4130152	10.12979	43.5	43.5	1.5	ANNUAL	SRCGP4	5	
595190.3	4130152	8.85123	43.44	43.44	1.5	ANNUAL	SRCGP4	5	
595210.3	4130152	7.71703	43.35	43.35	1.5	ANNUAL	SRCGP4	5	
595230.3	4130152	6.7128	43.56	43.56	1.5	ANNUAL	SRCGP4	5	
595250.3	4130152	5.85323	43.57	43.57	1.5	ANNUAL	SRCGP4	5	
595430.3	4130152	1.99238	42.6	42.6	1.5	ANNUAL	SRCGP4	5	
595450.3	4130152	1.80063	42.66	42.66	1.5	ANNUAL	SRCGP4	5	
594490.3	4130352	0.51639	45.24	45.24	1.5	ANNUAL	SRCGP4	5	
594510.3	4130352	0.58207	44.82	44.82	1.5	ANNUAL	SRCGP4	5	
594530.3	4130352	0.6608	44.4	44.4	1.5	ANNUAL	SRCGP4	5	
594550.3	4130352	0.75474	44.19	44.19	1.5	ANNUAL	SRCGP4	5	
594570.3	4130352	0.871	43.75	43.75	1.5	ANNUAL	SRCGP4	5	
594490.3	4130372	0.57866	44.82	44.82	1.5	ANNUAL	SRCGP4	5	
594510.3	4130372	0.65517	44.21	44.21	1.5	ANNUAL	SRCGP4	5	
594530.3	4130372	0.74593	43.77	43.77	1.5	ANNUAL	SRCGP4	5	
594550.3	4130372	0.85355	43.63	43.63	1.5	ANNUAL	SRCGP4	5	
594570.3	4130372	0.98436	43.47	43.47	1.5	ANNUAL	SRCGP4	5	
594470.3	4130392	0.5756	43.76	43.76	1.5	ANNUAL	SRCGP4	5	
594490.3	4130392	0.64528	43.97	43.97	1.5	ANNUAL	SRCGP4	5	
594550.3	4130392	0.95046	43.23	43.23	1.5	ANNUAL	SRCGP4	5	
594570.3	4130392	1.09324	43.27	43.27	1.5	ANNUAL	SRCGP4	5	
594470.3	4130412	0.63312	43.34	43.34	1.5	ANNUAL	SRCGP4	5	
594490.3	4130412	0.71032	43.48	43.48	1.5	ANNUAL	SRCGP4	5	
594530.3	4130412	0.91195	42.96	42.96	1.5	ANNUAL	SRCGP4	5	
594550.3	4130412	1.03916	43.07	43.07	1.5	ANNUAL	SRCGP4	5	
594570.3	4130412	1.19041	43.15	43.15	1.5	ANNUAL	SRCGP4	5	
594470.3	4130432	0.6877	43.29	43.29	1.5	ANNUAL	SRCGP4	5	
594490.3	4130432	0.77074	43.36	43.36	1.5	ANNUAL	SRCGP4	5	
594530.3	4130432	0.98234	43.06	43.06	1.5	ANNUAL	SRCGP4	5	
594550.3	4130432	1.11517	42.99	42.99	1.5	ANNUAL	SRCGP4	5	
595474.5	4130151	1.60887	42.33	42.33	1.5	ANNUAL	SRCGP4	5	
595514.5	4130151	1.34094	42.17	42.17	1.5	ANNUAL	SRCGP4	5	
595534.5	4130151	1.23026	42.05	42.05	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595554.5	4130151	1.13228	42.01	42.01	1.5	ANNUAL	SRCGP4	5	
595594.5	4130151	0.96738	41.92	41.92	1.5	ANNUAL	SRCGP4	5	
595614.5	4130151	0.89804	41.99	41.99	1.5	ANNUAL	SRCGP4	5	
595634.5	4130151	0.83572	42.03	42.03	1.5	ANNUAL	SRCGP4	5	
595674.5	4130151	0.72861	41.79	41.79	1.5	ANNUAL	SRCGP4	5	
595694.5	4130151	0.68294	41.86	41.86	1.5	ANNUAL	SRCGP4	5	
595714.5	4130151	0.64121	41.8	41.8	1.5	ANNUAL	SRCGP4	5	
595734.5	4130151	0.60316	41.67	41.67	1.5	ANNUAL	SRCGP4	5	
595774.5	4130151	0.53678	41.48	41.48	1.5	ANNUAL	SRCGP4	5	
595794.5	4130151	0.5077	41.39	41.39	1.5	ANNUAL	SRCGP4	5	
595434.5	4130171	1.77525	42.27	42.27	1.5	ANNUAL	SRCGP4	5	
595454.5	4130171	1.60724	42.13	42.13	1.5	ANNUAL	SRCGP4	5	
595474.5	4130171	1.46102	42.04	42.04	1.5	ANNUAL	SRCGP4	5	
595514.5	4130171	1.21996	41.74	41.74	1.5	ANNUAL	SRCGP4	5	
595534.5	4130171	1.12096	41.7	41.7	1.5	ANNUAL	SRCGP4	5	
595554.5	4130171	1.03323	41.64	41.64	1.5	ANNUAL	SRCGP4	5	
595594.5	4130171	0.88629	41.67	41.67	1.5	ANNUAL	SRCGP4	5	
595614.5	4130171	0.82412	41.62	41.62	1.5	ANNUAL	SRCGP4	5	
595634.5	4130171	0.76836	41.6	41.6	1.5	ANNUAL	SRCGP4	5	
595674.5	4130171	0.6725	41.44	41.44	1.5	ANNUAL	SRCGP4	5	
595694.5	4130171	0.63138	41.43	41.43	1.5	ANNUAL	SRCGP4	5	
595714.5	4130171	0.59404	41.43	41.43	1.5	ANNUAL	SRCGP4	5	
595734.5	4130171	0.5597	41.25	41.25	1.5	ANNUAL	SRCGP4	5	
595774.5	4130171	0.50013	41.25	41.25	1.5	ANNUAL	SRCGP4	5	
595794.5	4130171	0.47391	41.19	41.19	1.5	ANNUAL	SRCGP4	5	
595434.5	4130211	1.41996	42.45	42.45	1.5	ANNUAL	SRCGP4	5	
595474.5	4130211	1.18082	42.11	42.11	1.5	ANNUAL	SRCGP4	5	
595494.5	4130211	1.08326	42.24	42.24	1.5	ANNUAL	SRCGP4	5	
595514.5	4130211	0.99749	42.06	42.06	1.5	ANNUAL	SRCGP4	5	
595534.5	4130211	0.92157	41.95	41.95	1.5	ANNUAL	SRCGP4	5	
595574.5	4130211	0.7929	41.51	41.51	1.5	ANNUAL	SRCGP4	5	
595594.5	4130211	0.73998	41.82	41.82	1.5	ANNUAL	SRCGP4	5	
595614.5	4130211	0.6913	41.66	41.66	1.5	ANNUAL	SRCGP4	5	
595634.5	4130211	0.64772	41.66	41.66	1.5	ANNUAL	SRCGP4	5	
595654.5	4130211	0.60831	41.67	41.67	1.5	ANNUAL	SRCGP4	5	
595674.5	4130211	0.5726	41.71	41.71	1.5	ANNUAL	SRCGP4	5	
595694.5	4130211	0.53975	41.56	41.56	1.5	ANNUAL	SRCGP4	5	
595714.5	4130211	0.50994	41.52	41.52	1.5	ANNUAL	SRCGP4	5	
595734.5	4130211	0.48263	41.47	41.47	1.5	ANNUAL	SRCGP4	5	
595774.5	4130211	0.43419	41.13	41.13	1.5	ANNUAL	SRCGP4	5	
595794.5	4130211	0.41282	40.99	40.99	1.5	ANNUAL	SRCGP4	5	
595434.5	4130231	1.25846	42.42	42.42	1.5	ANNUAL	SRCGP4	5	
595474.5	4130231	1.05493	41.98	41.98	1.5	ANNUAL	SRCGP4	5	
595494.5	4130231	0.97151	42.09	42.09	1.5	ANNUAL	SRCGP4	5	
595514.5	4130231	0.8977	41.94	41.94	1.5	ANNUAL	SRCGP4	5	
595534.5	4130231	0.83215	41.87	41.87	1.5	ANNUAL	SRCGP4	5	
595574.5	4130231	0.72058	41.43	41.43	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.5	4130231	0.67449	41.69	41.69	1.5	ANNUAL	SRCGP4	5	
595614.5	4130231	0.63205	41.59	41.59	1.5	ANNUAL	SRCGP4	5	
595634.5	4130231	0.59397	41.63	41.63	1.5	ANNUAL	SRCGP4	5	
595654.5	4130231	0.5592	41.58	41.58	1.5	ANNUAL	SRCGP4	5	
595674.5	4130231	0.52756	41.55	41.55	1.5	ANNUAL	SRCGP4	5	
595694.5	4130231	0.49864	41.5	41.5	1.5	ANNUAL	SRCGP4	5	
595714.5	4130231	0.47199	41.33	41.33	1.5	ANNUAL	SRCGP4	5	
595734.5	4130231	0.44755	41.19	41.19	1.5	ANNUAL	SRCGP4	5	
595774.5	4130231	0.4045	41.05	41.05	1.5	ANNUAL	SRCGP4	5	
595794.5	4130231	0.38533	40.93	40.93	1.5	ANNUAL	SRCGP4	5	
595434.5	4130251	1.11212	42.32	42.32	1.5	ANNUAL	SRCGP4	5	
595474.5	4130251	0.94003	41.76	41.76	1.5	ANNUAL	SRCGP4	5	
595494.5	4130251	0.86978	41.87	41.87	1.5	ANNUAL	SRCGP4	5	
595514.5	4130251	0.80703	41.88	41.88	1.5	ANNUAL	SRCGP4	5	
595534.5	4130251	0.75046	41.66	41.66	1.5	ANNUAL	SRCGP4	5	
595574.5	4130251	0.65476	41.38	41.38	1.5	ANNUAL	SRCGP4	5	
595594.5	4130251	0.6148	41.62	41.62	1.5	ANNUAL	SRCGP4	5	
595614.5	4130251	0.57809	41.63	41.63	1.5	ANNUAL	SRCGP4	5	
595634.5	4130251	0.54452	41.53	41.53	1.5	ANNUAL	SRCGP4	5	
595654.5	4130251	0.51408	41.51	41.51	1.5	ANNUAL	SRCGP4	5	
595674.5	4130251	0.48619	41.44	41.44	1.5	ANNUAL	SRCGP4	5	
595694.5	4130251	0.46061	41.36	41.36	1.5	ANNUAL	SRCGP4	5	
595714.5	4130251	0.43718	41.33	41.33	1.5	ANNUAL	SRCGP4	5	
595734.5	4130251	0.41546	41.2	41.2	1.5	ANNUAL	SRCGP4	5	
595774.5	4130251	0.37703	41.06	41.06	1.5	ANNUAL	SRCGP4	5	
595794.5	4130251	0.35969	40.81	40.81	1.5	ANNUAL	SRCGP4	5	
595474.5	4130271	0.83774	41.63	41.63	1.5	ANNUAL	SRCGP4	5	
595494.5	4130271	0.7784	41.68	41.68	1.5	ANNUAL	SRCGP4	5	
595514.5	4130271	0.72515	41.64	41.64	1.5	ANNUAL	SRCGP4	5	
595534.5	4130271	0.67745	41.62	41.62	1.5	ANNUAL	SRCGP4	5	
595574.5	4130271	0.59503	41.26	41.26	1.5	ANNUAL	SRCGP4	5	
595594.5	4130271	0.56063	41.54	41.54	1.5	ANNUAL	SRCGP4	5	
595614.5	4130271	0.52836	41.36	41.36	1.5	ANNUAL	SRCGP4	5	
595774.5	4130271	0.35147	40.98	40.98	1.5	ANNUAL	SRCGP4	5	
595794.5	4130271	0.33605	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
595474.5	4130291	0.747	41.37	41.37	1.5	ANNUAL	SRCGP4	5	
595494.5	4130291	0.69735	41.47	41.47	1.5	ANNUAL	SRCGP4	5	
595514.5	4130291	0.65198	41.31	41.31	1.5	ANNUAL	SRCGP4	5	
595534.5	4130291	0.61107	41.15	41.15	1.5	ANNUAL	SRCGP4	5	
595574.5	4130291	0.54137	41.18	41.18	1.5	ANNUAL	SRCGP4	5	
595594.5	4130291	0.51171	41.46	41.46	1.5	ANNUAL	SRCGP4	5	
595614.5	4130291	0.48366	41.26	41.26	1.5	ANNUAL	SRCGP4	5	
595654.5	4130291	0.43519	41.34	41.34	1.5	ANNUAL	SRCGP4	5	
595674.5	4130291	0.41365	41.27	41.27	1.5	ANNUAL	SRCGP4	5	
595694.5	4130291	0.39393	41.31	41.31	1.5	ANNUAL	SRCGP4	5	
595714.5	4130291	0.37544	41.17	41.17	1.5	ANNUAL	SRCGP4	5	
595734.5	4130291	0.35839	41.1	41.1	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595774.5	4130291	0.32769	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
595794.5	4130291	0.31379	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
595474.5	4130311	0.66836	41.31	41.31	1.5	ANNUAL	SRCGP4	5	
595494.5	4130311	0.62645	41.36	41.36	1.5	ANNUAL	SRCGP4	5	
595514.5	4130311	0.58824	41.29	41.29	1.5	ANNUAL	SRCGP4	5	
595534.5	4130311	0.5537	41.26	41.26	1.5	ANNUAL	SRCGP4	5	
595574.5	4130311	0.49311	40.98	40.98	1.5	ANNUAL	SRCGP4	5	
595594.5	4130311	0.46754	41.26	41.26	1.5	ANNUAL	SRCGP4	5	
595614.5	4130311	0.44336	41.17	41.17	1.5	ANNUAL	SRCGP4	5	
595654.5	4130311	0.40087	41.15	41.15	1.5	ANNUAL	SRCGP4	5	
595674.5	4130311	0.38202	41.14	41.14	1.5	ANNUAL	SRCGP4	5	
595694.5	4130311	0.36469	41.23	41.23	1.5	ANNUAL	SRCGP4	5	
595714.5	4130311	0.34835	41.11	41.11	1.5	ANNUAL	SRCGP4	5	
595734.5	4130311	0.33309	40.94	40.94	1.5	ANNUAL	SRCGP4	5	
595774.5	4130311	0.30576	40.74	40.74	1.5	ANNUAL	SRCGP4	5	
595794.5	4130311	0.29341	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
595474.5	4130331	0.59958	41.06	41.06	1.5	ANNUAL	SRCGP4	5	
595494.5	4130331	0.56426	41.13	41.13	1.5	ANNUAL	SRCGP4	5	
595514.5	4130331	0.53175	41.05	41.05	1.5	ANNUAL	SRCGP4	5	
595534.5	4130331	0.50211	40.96	40.96	1.5	ANNUAL	SRCGP4	5	
595574.5	4130331	0.45054	40.96	40.96	1.5	ANNUAL	SRCGP4	5	
595594.5	4130331	0.4283	41.2	41.2	1.5	ANNUAL	SRCGP4	5	
595614.5	4130331	0.40717	41.07	41.07	1.5	ANNUAL	SRCGP4	5	
595654.5	4130331	0.36983	40.97	40.97	1.5	ANNUAL	SRCGP4	5	
595674.5	4130331	0.35328	40.99	40.99	1.5	ANNUAL	SRCGP4	5	
595694.5	4130331	0.33815	41.23	41.23	1.5	ANNUAL	SRCGP4	5	
595714.5	4130331	0.32358	41.05	41.05	1.5	ANNUAL	SRCGP4	5	
595734.5	4130331	0.31003	40.91	40.91	1.5	ANNUAL	SRCGP4	5	
595774.5	4130331	0.28557	40.66	40.66	1.5	ANNUAL	SRCGP4	5	
595794.5	4130331	0.27455	40.6	40.6	1.5	ANNUAL	SRCGP4	5	
595414.5	4130351	0.65164	41.2	41.2	1.5	ANNUAL	SRCGP4	5	
595434.5	4130351	0.61114	41.19	41.19	1.5	ANNUAL	SRCGP4	5	
595474.5	4130351	0.54098	41.08	41.08	1.5	ANNUAL	SRCGP4	5	
595494.5	4130351	0.51086	41.14	41.14	1.5	ANNUAL	SRCGP4	5	
595514.5	4130351	0.48283	40.98	40.98	1.5	ANNUAL	SRCGP4	5	
595534.5	4130351	0.4575	40.97	40.97	1.5	ANNUAL	SRCGP4	5	
595574.5	4130351	0.41257	40.83	40.83	1.5	ANNUAL	SRCGP4	5	
595594.5	4130351	0.39328	41.1	41.1	1.5	ANNUAL	SRCGP4	5	
595614.5	4130351	0.37478	40.97	40.97	1.5	ANNUAL	SRCGP4	5	
595694.5	4130351	0.31391	41.09	41.09	1.5	ANNUAL	SRCGP4	5	
595714.5	4130351	0.30104	41	41	1.5	ANNUAL	SRCGP4	5	
595734.5	4130351	0.28886	40.77	40.77	1.5	ANNUAL	SRCGP4	5	
595774.5	4130351	0.26719	40.76	40.76	1.5	ANNUAL	SRCGP4	5	
595794.5	4130351	0.25703	40.43	40.43	1.5	ANNUAL	SRCGP4	5	
595414.5	4130371	0.58414	41	41	1.5	ANNUAL	SRCGP4	5	
595434.5	4130371	0.54999	41.02	41.02	1.5	ANNUAL	SRCGP4	5	
595474.5	4130371	0.49	40.85	40.85	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595494.5	4130371	0.46421	40.93	40.93	1.5	ANNUAL	SRCGP4	5	
595514.5	4130371	0.44013	40.82	40.82	1.5	ANNUAL	SRCGP4	5	
595534.5	4130371	0.41804	40.74	40.74	1.5	ANNUAL	SRCGP4	5	
595574.5	4130371	0.37912	40.73	40.73	1.5	ANNUAL	SRCGP4	5	
595594.5	4130371	0.36213	40.93	40.93	1.5	ANNUAL	SRCGP4	5	
595614.5	4130371	0.34584	40.79	40.79	1.5	ANNUAL	SRCGP4	5	
595654.5	4130371	0.31713	40.92	40.92	1.5	ANNUAL	SRCGP4	5	
595674.5	4130371	0.30406	40.87	40.87	1.5	ANNUAL	SRCGP4	5	
595694.5	4130371	0.29197	40.94	40.94	1.5	ANNUAL	SRCGP4	5	
595714.5	4130371	0.28054	40.9	40.9	1.5	ANNUAL	SRCGP4	5	
595734.5	4130371	0.2697	40.73	40.73	1.5	ANNUAL	SRCGP4	5	
595774.5	4130371	0.25016	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
595794.5	4130371	0.24109	40.41	40.41	1.5	ANNUAL	SRCGP4	5	
595414.5	4130391	0.52814	41.01	41.01	1.5	ANNUAL	SRCGP4	5	
595434.5	4130391	0.4985	40.91	40.91	1.5	ANNUAL	SRCGP4	5	
595474.5	4130391	0.44685	40.81	40.81	1.5	ANNUAL	SRCGP4	5	
595494.5	4130391	0.42431	40.83	40.83	1.5	ANNUAL	SRCGP4	5	
595514.5	4130391	0.40327	40.71	40.71	1.5	ANNUAL	SRCGP4	5	
595534.5	4130391	0.38389	40.6	40.6	1.5	ANNUAL	SRCGP4	5	
595614.5	4130391	0.32031	40.69	40.69	1.5	ANNUAL	SRCGP4	5	
595654.5	4130391	0.2948	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
595674.5	4130391	0.28324	40.89	40.89	1.5	ANNUAL	SRCGP4	5	
595694.5	4130391	0.27231	40.85	40.85	1.5	ANNUAL	SRCGP4	5	
595714.5	4130391	0.26203	40.78	40.78	1.5	ANNUAL	SRCGP4	5	
595734.5	4130391	0.25235	40.69	40.69	1.5	ANNUAL	SRCGP4	5	
595774.5	4130391	0.23473	40.6	40.6	1.5	ANNUAL	SRCGP4	5	
595794.5	4130391	0.22654	40.39	40.39	1.5	ANNUAL	SRCGP4	5	
595414.5	4130411	0.48032	40.72	40.72	1.5	ANNUAL	SRCGP4	5	
595434.5	4130411	0.45494	40.77	40.77	1.5	ANNUAL	SRCGP4	5	
595614.5	4130411	0.29783	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
595654.5	4130411	0.27489	40.69	40.69	1.5	ANNUAL	SRCGP4	5	
595674.5	4130411	0.26443	40.67	40.67	1.5	ANNUAL	SRCGP4	5	
595694.5	4130411	0.25464	40.68	40.68	1.5	ANNUAL	SRCGP4	5	
595714.5	4130411	0.24545	40.71	40.71	1.5	ANNUAL	SRCGP4	5	
595734.5	4130411	0.23671	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
595774.5	4130411	0.22062	40.4	40.4	1.5	ANNUAL	SRCGP4	5	
595794.5	4130411	0.21328	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
595414.5	4130431	0.44061	40.71	40.71	1.5	ANNUAL	SRCGP4	5	
595434.5	4130431	0.418	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
595454.5	4130431	0.39688	40.4	40.4	1.5	ANNUAL	SRCGP4	5	
595474.5	4130431	0.37826	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
595494.5	4130431	0.36051	40.55	40.55	1.5	ANNUAL	SRCGP4	5	
595514.5	4130431	0.34421	40.57	40.57	1.5	ANNUAL	SRCGP4	5	
595614.5	4130431	0.27805	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
595774.5	4130431	0.20804	40.4	40.4	1.5	ANNUAL	SRCGP4	5	
595794.5	4130431	0.20133	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
595414.5	4130451	0.40672	40.69	40.69	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595434.5	4130451	0.38663	40.59	40.59	1.5	ANNUAL	SRCGP4	5	
595454.5	4130451	0.36782	40.36	40.36	1.5	ANNUAL	SRCGP4	5	
595474.5	4130451	0.3512	40.59	40.59	1.5	ANNUAL	SRCGP4	5	
595494.5	4130451	0.3355	40.67	40.67	1.5	ANNUAL	SRCGP4	5	
595514.5	4130451	0.32065	40.56	40.56	1.5	ANNUAL	SRCGP4	5	
595614.5	4130451	0.26076	40.53	40.53	1.5	ANNUAL	SRCGP4	5	
595634.5	4130451	0.25116	40.72	40.72	1.5	ANNUAL	SRCGP4	5	
595654.5	4130451	0.24181	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
595674.5	4130451	0.23322	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
595694.5	4130451	0.22498	40.45	40.45	1.5	ANNUAL	SRCGP4	5	
595714.5	4130451	0.21729	40.42	40.42	1.5	ANNUAL	SRCGP4	5	
595734.5	4130451	0.21011	40.5	40.5	1.5	ANNUAL	SRCGP4	5	
595774.5	4130451	0.19667	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595794.5	4130451	0.19054	40.33	40.33	1.5	ANNUAL	SRCGP4	5	
595414.5	4130471	0.37748	40.7	40.7	1.5	ANNUAL	SRCGP4	5	
595434.5	4130471	0.35961	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
595454.5	4130471	0.34262	40.3	40.3	1.5	ANNUAL	SRCGP4	5	
595474.5	4130471	0.32777	40.59	40.59	1.5	ANNUAL	SRCGP4	5	
595494.5	4130471	0.31361	40.67	40.67	1.5	ANNUAL	SRCGP4	5	
595514.5	4130471	0.30026	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
595614.5	4130471	0.24547	40.44	40.44	1.5	ANNUAL	SRCGP4	5	
595634.5	4130471	0.23665	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
595654.5	4130471	0.22812	40.47	40.47	1.5	ANNUAL	SRCGP4	5	
595674.5	4130471	0.2202	40.5	40.5	1.5	ANNUAL	SRCGP4	5	
595694.5	4130471	0.21262	40.36	40.36	1.5	ANNUAL	SRCGP4	5	
595714.5	4130471	0.20546	40.23	40.23	1.5	ANNUAL	SRCGP4	5	
595734.5	4130471	0.19883	40.29	40.29	1.5	ANNUAL	SRCGP4	5	
595774.5	4130471	0.1865	40.25	40.25	1.5	ANNUAL	SRCGP4	5	
595794.5	4130471	0.18081	40.24	40.24	1.5	ANNUAL	SRCGP4	5	
595414.5	4130491	0.35166	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
595434.5	4130491	0.33577	40.59	40.59	1.5	ANNUAL	SRCGP4	5	
595454.5	4130491	0.32042	40.2	40.2	1.5	ANNUAL	SRCGP4	5	
595474.5	4130491	0.30697	40.42	40.42	1.5	ANNUAL	SRCGP4	5	
595494.5	4130491	0.29416	40.49	40.49	1.5	ANNUAL	SRCGP4	5	
595514.5	4130491	0.28226	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
595614.5	4130491	0.23192	40.26	40.26	1.5	ANNUAL	SRCGP4	5	
595634.5	4130491	0.22379	40.42	40.42	1.5	ANNUAL	SRCGP4	5	
595654.5	4130491	0.21595	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
595674.5	4130491	0.20859	40.31	40.31	1.5	ANNUAL	SRCGP4	5	
595694.5	4130491	0.20166	40.31	40.31	1.5	ANNUAL	SRCGP4	5	
595714.5	4130491	0.195	40.15	40.15	1.5	ANNUAL	SRCGP4	5	
595734.5	4130491	0.18884	40.2	40.2	1.5	ANNUAL	SRCGP4	5	
594970.7	4130091	3.92438	44.35	44.35	1.5	ANNUAL	SRCGP4	5	
595473.2	4129914	2.12569	43.66	43.66	1.5	ANNUAL	SRCGP4	5	
595513.2	4129914	1.95632	43.35	43.35	1.5	ANNUAL	SRCGP4	5	
595533.2	4129914	1.86781	43.57	43.57	1.5	ANNUAL	SRCGP4	5	
595553.2	4129914	1.78109	43.62	43.62	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595573.2	4129914	1.69656	43.52	43.52	1.5	ANNUAL	SRCGP4	5	
595613.2	4129914	1.53348	43.31	43.31	1.5	ANNUAL	SRCGP4	5	
595633.2	4129914	1.45536	43.31	43.31	1.5	ANNUAL	SRCGP4	5	
595673.2	4129914	1.30989	42.87	42.87	1.5	ANNUAL	SRCGP4	5	
595693.2	4129914	1.2408	43	43	1.5	ANNUAL	SRCGP4	5	
595713.2	4129914	1.17604	42.82	42.82	1.5	ANNUAL	SRCGP4	5	
595733.2	4129914	1.11429	42.74	42.74	1.5	ANNUAL	SRCGP4	5	
595773.2	4129914	1.00078	42.48	42.48	1.5	ANNUAL	SRCGP4	5	
595793.2	4129914	0.9485	42.39	42.39	1.5	ANNUAL	SRCGP4	5	
595473.2	4129934	2.20666	43.44	43.44	1.5	ANNUAL	SRCGP4	5	
595513.2	4129934	2.00466	43.2	43.2	1.5	ANNUAL	SRCGP4	5	
595533.2	4129934	1.90376	43.29	43.29	1.5	ANNUAL	SRCGP4	5	
595553.2	4129934	1.80521	43.38	43.38	1.5	ANNUAL	SRCGP4	5	
595573.2	4129934	1.70964	43.47	43.47	1.5	ANNUAL	SRCGP4	5	
595613.2	4129934	1.53167	43.12	43.12	1.5	ANNUAL	SRCGP4	5	
595633.2	4129934	1.44786	43.06	43.06	1.5	ANNUAL	SRCGP4	5	
595673.2	4129934	1.293	42.78	42.78	1.5	ANNUAL	SRCGP4	5	
595693.2	4129934	1.22091	42.89	42.89	1.5	ANNUAL	SRCGP4	5	
595713.2	4129934	1.15348	42.81	42.81	1.5	ANNUAL	SRCGP4	5	
595733.2	4129934	1.09015	42.66	42.66	1.5	ANNUAL	SRCGP4	5	
595773.2	4129934	0.9744	42.47	42.47	1.5	ANNUAL	SRCGP4	5	
595793.2	4129934	0.92162	42.36	42.36	1.5	ANNUAL	SRCGP4	5	
595473.2	4129954	2.271	43.17	43.17	1.5	ANNUAL	SRCGP4	5	
595513.2	4129954	2.03655	42.98	42.98	1.5	ANNUAL	SRCGP4	5	
595533.2	4129954	1.92283	43.09	43.09	1.5	ANNUAL	SRCGP4	5	
595553.2	4129954	1.81392	43.11	43.11	1.5	ANNUAL	SRCGP4	5	
595573.2	4129954	1.70971	43.13	43.13	1.5	ANNUAL	SRCGP4	5	
595613.2	4129954	1.51679	43.09	43.09	1.5	ANNUAL	SRCGP4	5	
595633.2	4129954	1.42821	43.03	43.03	1.5	ANNUAL	SRCGP4	5	
595673.2	4129954	1.267	42.7	42.7	1.5	ANNUAL	SRCGP4	5	
595693.2	4129954	1.19286	42.8	42.8	1.5	ANNUAL	SRCGP4	5	
595713.2	4129954	1.12432	42.6	42.6	1.5	ANNUAL	SRCGP4	5	
595733.2	4129954	1.0598	42.55	42.55	1.5	ANNUAL	SRCGP4	5	
595773.2	4129954	0.94319	42.44	42.44	1.5	ANNUAL	SRCGP4	5	
595793.2	4129954	0.89057	42.3	42.3	1.5	ANNUAL	SRCGP4	5	
595473.2	4129974	2.3129	43.09	43.09	1.5	ANNUAL	SRCGP4	5	
595513.2	4129974	2.04793	42.94	42.94	1.5	ANNUAL	SRCGP4	5	
595533.2	4129974	1.92345	42.94	42.94	1.5	ANNUAL	SRCGP4	5	
595553.2	4129974	1.80474	43.04	43.04	1.5	ANNUAL	SRCGP4	5	
595613.2	4129974	1.48986	42.97	42.97	1.5	ANNUAL	SRCGP4	5	
595633.2	4129974	1.39793	42.89	42.89	1.5	ANNUAL	SRCGP4	5	
595673.2	4129974	1.23247	42.59	42.59	1.5	ANNUAL	SRCGP4	5	
595693.2	4129974	1.15744	42.66	42.66	1.5	ANNUAL	SRCGP4	5	
595713.2	4129974	1.08808	42.58	42.58	1.5	ANNUAL	SRCGP4	5	
595733.2	4129974	1.02373	42.4	42.4	1.5	ANNUAL	SRCGP4	5	
595773.2	4129974	0.90784	42.19	42.19	1.5	ANNUAL	SRCGP4	5	
595793.2	4129974	0.85598	42.3	42.3	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595473.2	4129994	2.33089	42.95	42.95	1.5	ANNUAL	SRCGP4	5	
595513.2	4129994	2.03855	42.86	42.86	1.5	ANNUAL	SRCGP4	5	
595533.2	4129994	1.90444	42.87	42.87	1.5	ANNUAL	SRCGP4	5	
595553.2	4129994	1.77862	42.91	42.91	1.5	ANNUAL	SRCGP4	5	
595613.2	4129994	1.45096	42.84	42.84	1.5	ANNUAL	SRCGP4	5	
595633.2	4129994	1.35681	42.84	42.84	1.5	ANNUAL	SRCGP4	5	
595673.2	4129994	1.19019	42.47	42.47	1.5	ANNUAL	SRCGP4	5	
595693.2	4129994	1.1149	42.65	42.65	1.5	ANNUAL	SRCGP4	5	
595713.2	4129994	1.04633	42.5	42.5	1.5	ANNUAL	SRCGP4	5	
595733.2	4129994	0.98261	42.33	42.33	1.5	ANNUAL	SRCGP4	5	
595773.2	4129994	0.86906	42.21	42.21	1.5	ANNUAL	SRCGP4	5	
595793.2	4129994	0.8186	42.2	42.2	1.5	ANNUAL	SRCGP4	5	
595473.2	4130014	2.32072	42.98	42.98	1.5	ANNUAL	SRCGP4	5	
595513.2	4130014	2.00748	42.75	42.75	1.5	ANNUAL	SRCGP4	5	
595533.2	4130014	1.86558	42.88	42.88	1.5	ANNUAL	SRCGP4	5	
595553.2	4130014	1.73497	42.87	42.87	1.5	ANNUAL	SRCGP4	5	
595593.2	4130014	1.50449	42.52	42.52	1.5	ANNUAL	SRCGP4	5	
595613.2	4130014	1.40102	42.71	42.71	1.5	ANNUAL	SRCGP4	5	
595633.2	4130014	1.30665	42.7	42.7	1.5	ANNUAL	SRCGP4	5	
595673.2	4130014	1.1408	42.38	42.38	1.5	ANNUAL	SRCGP4	5	
595693.2	4130014	1.06709	42.53	42.53	1.5	ANNUAL	SRCGP4	5	
595713.2	4130014	0.99976	42.41	42.41	1.5	ANNUAL	SRCGP4	5	
595733.2	4130014	0.93762	42.26	42.26	1.5	ANNUAL	SRCGP4	5	
595773.2	4130014	0.82772	42.18	42.18	1.5	ANNUAL	SRCGP4	5	
595793.2	4130014	0.77917	42.11	42.11	1.5	ANNUAL	SRCGP4	5	
595473.2	4130034	2.28329	42.9	42.9	1.5	ANNUAL	SRCGP4	5	
595513.2	4130034	1.95424	42.74	42.74	1.5	ANNUAL	SRCGP4	5	
595533.2	4130034	1.80883	42.76	42.76	1.5	ANNUAL	SRCGP4	5	
595553.2	4130034	1.67572	42.76	42.76	1.5	ANNUAL	SRCGP4	5	
595593.2	4130034	1.44388	42.44	42.44	1.5	ANNUAL	SRCGP4	5	
595613.2	4130034	1.34099	42.69	42.69	1.5	ANNUAL	SRCGP4	5	
595633.2	4130034	1.24825	42.61	42.61	1.5	ANNUAL	SRCGP4	5	
595673.2	4130034	1.08594	42.24	42.24	1.5	ANNUAL	SRCGP4	5	
595693.2	4130034	1.01468	42.43	42.43	1.5	ANNUAL	SRCGP4	5	
595713.2	4130034	0.94952	42.32	42.32	1.5	ANNUAL	SRCGP4	5	
595733.2	4130034	0.88978	42.22	42.22	1.5	ANNUAL	SRCGP4	5	
595773.2	4130034	0.78471	42.14	42.14	1.5	ANNUAL	SRCGP4	5	
595793.2	4130034	0.73847	42.03	42.03	1.5	ANNUAL	SRCGP4	5	
595473.2	4130054	2.21825	42.8	42.8	1.5	ANNUAL	SRCGP4	5	
595513.2	4130054	1.88163	42.61	42.61	1.5	ANNUAL	SRCGP4	5	
595533.2	4130054	1.73561	42.57	42.57	1.5	ANNUAL	SRCGP4	5	
595553.2	4130054	1.60252	42.62	42.62	1.5	ANNUAL	SRCGP4	5	
595593.2	4130054	1.37343	42.34	42.34	1.5	ANNUAL	SRCGP4	5	
595613.2	4130054	1.27347	42.59	42.59	1.5	ANNUAL	SRCGP4	5	
595633.2	4130054	1.18368	42.49	42.49	1.5	ANNUAL	SRCGP4	5	
595673.2	4130054	1.02707	42.16	42.16	1.5	ANNUAL	SRCGP4	5	
595693.2	4130054	0.95899	42.29	42.29	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595713.2	4130054	0.89692	42.22	42.22	1.5	ANNUAL	SRCGP4	5	
595733.2	4130054	0.84021	42.09	42.09	1.5	ANNUAL	SRCGP4	5	
595773.2	4130054	0.74083	42.19	42.19	1.5	ANNUAL	SRCGP4	5	
595793.2	4130054	0.69718	41.9	41.9	1.5	ANNUAL	SRCGP4	5	
595473.2	4130074	2.12746	42.7	42.7	1.5	ANNUAL	SRCGP4	5	
595513.2	4130074	1.79159	42.43	42.43	1.5	ANNUAL	SRCGP4	5	
595533.2	4130074	1.64714	42.53	42.53	1.5	ANNUAL	SRCGP4	5	
595553.2	4130074	1.51771	42.49	42.49	1.5	ANNUAL	SRCGP4	5	
595593.2	4130074	1.29559	42.2	42.2	1.5	ANNUAL	SRCGP4	5	
595613.2	4130074	1.20035	42.35	42.35	1.5	ANNUAL	SRCGP4	5	
595633.2	4130074	1.11427	42.38	42.38	1.5	ANNUAL	SRCGP4	5	
595673.2	4130074	0.96571	42.03	42.03	1.5	ANNUAL	SRCGP4	5	
595693.2	4130074	0.90152	42.2	42.2	1.5	ANNUAL	SRCGP4	5	
595713.2	4130074	0.84311	42.18	42.18	1.5	ANNUAL	SRCGP4	5	
595733.2	4130074	0.78993	42.01	42.01	1.5	ANNUAL	SRCGP4	5	
595773.2	4130074	0.69692	41.96	41.96	1.5	ANNUAL	SRCGP4	5	
595793.2	4130074	0.65604	41.81	41.81	1.5	ANNUAL	SRCGP4	5	
595473.2	4130094	2.0147	42.58	42.58	1.5	ANNUAL	SRCGP4	5	
595513.2	4130094	1.68647	42.37	42.37	1.5	ANNUAL	SRCGP4	5	
595533.2	4130094	1.54776	42.4	42.4	1.5	ANNUAL	SRCGP4	5	
595553.2	4130094	1.42368	42.37	42.37	1.5	ANNUAL	SRCGP4	5	
595593.2	4130094	1.21276	42.17	42.17	1.5	ANNUAL	SRCGP4	5	
595613.2	4130094	1.12302	42.32	42.32	1.5	ANNUAL	SRCGP4	5	
595633.2	4130094	1.0422	42.33	42.33	1.5	ANNUAL	SRCGP4	5	
595673.2	4130094	0.90333	41.97	41.97	1.5	ANNUAL	SRCGP4	5	
595693.2	4130094	0.84353	42.11	42.11	1.5	ANNUAL	SRCGP4	5	
595713.2	4130094	0.78925	42.1	42.1	1.5	ANNUAL	SRCGP4	5	
595733.2	4130094	0.73971	41.88	41.88	1.5	ANNUAL	SRCGP4	5	
595773.2	4130094	0.65347	41.82	41.82	1.5	ANNUAL	SRCGP4	5	
595793.2	4130094	0.61563	41.67	41.67	1.5	ANNUAL	SRCGP4	5	
595473.2	4130114	1.88379	42.56	42.56	1.5	ANNUAL	SRCGP4	5	
595513.2	4130114	1.5713	42.3	42.3	1.5	ANNUAL	SRCGP4	5	
595533.2	4130114	1.44052	42.26	42.26	1.5	ANNUAL	SRCGP4	5	
595553.2	4130114	1.32415	42.21	42.21	1.5	ANNUAL	SRCGP4	5	
595593.2	4130114	1.12747	42.02	42.02	1.5	ANNUAL	SRCGP4	5	
595613.2	4130114	1.0442	42.27	42.27	1.5	ANNUAL	SRCGP4	5	
595633.2	4130114	0.96943	42.14	42.14	1.5	ANNUAL	SRCGP4	5	
595673.2	4130114	0.84104	41.87	41.87	1.5	ANNUAL	SRCGP4	5	
595693.2	4130114	0.78619	41.98	41.98	1.5	ANNUAL	SRCGP4	5	
595713.2	4130114	0.7362	41.93	41.93	1.5	ANNUAL	SRCGP4	5	
595733.2	4130114	0.6905	41.76	41.76	1.5	ANNUAL	SRCGP4	5	
595773.2	4130114	0.6113	41.7	41.7	1.5	ANNUAL	SRCGP4	5	
595793.2	4130114	0.57646	41.51	41.51	1.5	ANNUAL	SRCGP4	5	
595473.2	4130134	1.74192	42.41	42.41	1.5	ANNUAL	SRCGP4	5	
595513.2	4130134	1.45037	42.23	42.23	1.5	ANNUAL	SRCGP4	5	
595533.2	4130134	1.32955	42.17	42.17	1.5	ANNUAL	SRCGP4	5	
595553.2	4130134	1.22236	42.16	42.16	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595593.2	4130134	1.04196	42	42	1.5	ANNUAL	SRCGP4	5	
595613.2	4130134	0.96584	42.16	42.16	1.5	ANNUAL	SRCGP4	5	
595633.2	4130134	0.89754	42.11	42.11	1.5	ANNUAL	SRCGP4	5	
595673.2	4130134	0.7802	41.76	41.76	1.5	ANNUAL	SRCGP4	5	
595693.2	4130134	0.73044	41.95	41.95	1.5	ANNUAL	SRCGP4	5	
595713.2	4130134	0.68475	41.85	41.85	1.5	ANNUAL	SRCGP4	5	
595733.2	4130134	0.6431	41.68	41.68	1.5	ANNUAL	SRCGP4	5	
595773.2	4130134	0.57089	41.62	41.62	1.5	ANNUAL	SRCGP4	5	
595793.2	4130134	0.53908	41.43	41.43	1.5	ANNUAL	SRCGP4	5	
594298	4130502	0.38278	42.76	42.76	1.5	ANNUAL	SRCGP4	5	
594318	4130502	0.41565	42.79	42.79	1.5	ANNUAL	SRCGP4	5	
594338	4130502	0.45241	42.79	42.79	1.5	ANNUAL	SRCGP4	5	
594358	4130502	0.49377	42.61	42.61	1.5	ANNUAL	SRCGP4	5	
594378	4130502	0.54	42.45	42.45	1.5	ANNUAL	SRCGP4	5	
594398	4130502	0.59147	42.44	42.44	1.5	ANNUAL	SRCGP4	5	
594418	4130502	0.64881	42.6	42.6	1.5	ANNUAL	SRCGP4	5	
594438	4130502	0.71357	42.24	42.24	1.5	ANNUAL	SRCGP4	5	
594458	4130502	0.78557	42.35	42.35	1.5	ANNUAL	SRCGP4	5	
594498	4130502	0.95519	42.37	42.37	1.5	ANNUAL	SRCGP4	5	
594518	4130502	1.0535	42.63	42.63	1.5	ANNUAL	SRCGP4	5	
594538	4130502	1.16285	42.53	42.53	1.5	ANNUAL	SRCGP4	5	
594298	4130522	0.40462	42.61	42.61	1.5	ANNUAL	SRCGP4	5	
594318	4130522	0.4389	42.51	42.51	1.5	ANNUAL	SRCGP4	5	
594338	4130522	0.47688	42.22	42.22	1.5	ANNUAL	SRCGP4	5	
594358	4130522	0.51892	42.44	42.44	1.5	ANNUAL	SRCGP4	5	
594378	4130522	0.56565	42.11	42.11	1.5	ANNUAL	SRCGP4	5	
594398	4130522	0.61743	42.04	42.04	1.5	ANNUAL	SRCGP4	5	
594418	4130522	0.67479	42.03	42.03	1.5	ANNUAL	SRCGP4	5	
594438	4130522	0.73823	41.99	41.99	1.5	ANNUAL	SRCGP4	5	
594458	4130522	0.80818	42.1	42.1	1.5	ANNUAL	SRCGP4	5	
594498	4130522	0.96927	42.08	42.08	1.5	ANNUAL	SRCGP4	5	
594518	4130522	1.06087	41.98	41.98	1.5	ANNUAL	SRCGP4	5	
594538	4130522	1.15978	42.22	42.22	1.5	ANNUAL	SRCGP4	5	
594298	4130542	0.42477	42.39	42.39	1.5	ANNUAL	SRCGP4	5	
594318	4130542	0.45962	42.35	42.35	1.5	ANNUAL	SRCGP4	5	
594358	4130542	0.54028	41.94	41.94	1.5	ANNUAL	SRCGP4	5	
594418	4130542	0.69334	41.79	41.79	1.5	ANNUAL	SRCGP4	5	
594438	4130542	0.7543	41.78	41.78	1.5	ANNUAL	SRCGP4	5	
594458	4130542	0.82122	41.99	41.99	1.5	ANNUAL	SRCGP4	5	
594498	4130542	0.97043	42	42	1.5	ANNUAL	SRCGP4	5	
594518	4130542	1.0522	41.79	41.79	1.5	ANNUAL	SRCGP4	5	
594538	4130542	1.14046	42.03	42.03	1.5	ANNUAL	SRCGP4	5	
594298	4130562	0.44251	42.12	42.12	1.5	ANNUAL	SRCGP4	5	
594318	4130562	0.47731	41.8	41.8	1.5	ANNUAL	SRCGP4	5	
594798	4130622	1.14864	40.79	40.79	1.5	ANNUAL	SRCGP4	5	
594818	4130622	1.13275	40.8	40.8	1.5	ANNUAL	SRCGP4	5	
594838	4130622	1.10961	40.83	40.83	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130622	1.07868	41.04	41.04	1.5	ANNUAL	SRCGP4	5	
594878	4130622	1.03583	41.03	41.03	1.5	ANNUAL	SRCGP4	5	
594898	4130622	0.98272	40.95	40.95	1.5	ANNUAL	SRCGP4	5	
594918	4130622	0.9208	40.75	40.75	1.5	ANNUAL	SRCGP4	5	
594938	4130622	0.85608	40.91	40.91	1.5	ANNUAL	SRCGP4	5	
594958	4130622	0.78933	41.06	41.06	1.5	ANNUAL	SRCGP4	5	
594978	4130622	0.72227	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
594998	4130622	0.66081	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
595018	4130622	0.60524	40.76	40.76	1.5	ANNUAL	SRCGP4	5	
595038	4130622	0.55745	40.9	40.9	1.5	ANNUAL	SRCGP4	5	
595058	4130622	0.51592	40.93	40.93	1.5	ANNUAL	SRCGP4	5	
595078	4130622	0.47996	40.84	40.84	1.5	ANNUAL	SRCGP4	5	
595118	4130622	0.4217	40.61	40.61	1.5	ANNUAL	SRCGP4	5	
595138	4130622	0.39778	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
595158	4130622	0.37646	40.48	40.48	1.5	ANNUAL	SRCGP4	5	
595198	4130622	0.34036	40.38	40.38	1.5	ANNUAL	SRCGP4	5	
595218	4130622	0.32491	40.2	40.2	1.5	ANNUAL	SRCGP4	5	
595238	4130622	0.31152	40.28	40.28	1.5	ANNUAL	SRCGP4	5	
595578	4130622	0.17978	39.46	39.46	1.5	ANNUAL	SRCGP4	5	
595598	4130622	0.17455	39.52	39.52	1.5	ANNUAL	SRCGP4	5	
595618	4130622	0.16944	39.49	39.49	1.5	ANNUAL	SRCGP4	5	
595638	4130622	0.16451	39.43	39.43	1.5	ANNUAL	SRCGP4	5	
595658	4130622	0.15984	39.48	39.48	1.5	ANNUAL	SRCGP4	5	
595678	4130622	0.15532	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
595778	4130622	0.13532	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
594758	4130642	1.03839	40.38	40.38	1.5	ANNUAL	SRCGP4	5	
594778	4130642	1.03336	40.61	40.61	1.5	ANNUAL	SRCGP4	5	
594798	4130642	1.02311	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
594818	4130642	1.00844	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
594838	4130642	0.98727	40.56	40.56	1.5	ANNUAL	SRCGP4	5	
594858	4130642	0.95925	40.68	40.68	1.5	ANNUAL	SRCGP4	5	
594878	4130642	0.92174	40.67	40.67	1.5	ANNUAL	SRCGP4	5	
594898	4130642	0.87621	40.69	40.69	1.5	ANNUAL	SRCGP4	5	
594918	4130642	0.82283	40.52	40.52	1.5	ANNUAL	SRCGP4	5	
594938	4130642	0.76771	40.8	40.8	1.5	ANNUAL	SRCGP4	5	
594958	4130642	0.70962	40.82	40.82	1.5	ANNUAL	SRCGP4	5	
594978	4130642	0.6526	40.77	40.77	1.5	ANNUAL	SRCGP4	5	
594998	4130642	0.59915	40.68	40.68	1.5	ANNUAL	SRCGP4	5	
595018	4130642	0.55088	40.57	40.57	1.5	ANNUAL	SRCGP4	5	
595038	4130642	0.50954	40.79	40.79	1.5	ANNUAL	SRCGP4	5	
595058	4130642	0.47301	40.77	40.77	1.5	ANNUAL	SRCGP4	5	
595078	4130642	0.44124	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
595118	4130642	0.3897	40.47	40.47	1.5	ANNUAL	SRCGP4	5	
595138	4130642	0.36835	40.42	40.42	1.5	ANNUAL	SRCGP4	5	
595158	4130642	0.34926	40.41	40.41	1.5	ANNUAL	SRCGP4	5	
595198	4130642	0.31632	40.25	40.25	1.5	ANNUAL	SRCGP4	5	
595218	4130642	0.30213	40.07	40.07	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595238	4130642	0.28945	39.92	39.92	1.5	ANNUAL	SRCGP4	5	
595278	4130642	0.26812	39.83	39.83	1.5	ANNUAL	SRCGP4	5	
595298	4130642	0.25924	40.01	40.01	1.5	ANNUAL	SRCGP4	5	
595318	4130642	0.25093	40.05	40.05	1.5	ANNUAL	SRCGP4	5	
595338	4130642	0.24296	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
595378	4130642	0.2287	39.67	39.67	1.5	ANNUAL	SRCGP4	5	
595398	4130642	0.22215	39.65	39.65	1.5	ANNUAL	SRCGP4	5	
595418	4130642	0.21574	39.52	39.52	1.5	ANNUAL	SRCGP4	5	
595438	4130642	0.20961	39.45	39.45	1.5	ANNUAL	SRCGP4	5	
595478	4130642	0.19817	39.63	39.63	1.5	ANNUAL	SRCGP4	5	
595498	4130642	0.19246	39.45	39.45	1.5	ANNUAL	SRCGP4	5	
595518	4130642	0.18705	39.44	39.44	1.5	ANNUAL	SRCGP4	5	
595538	4130642	0.18189	39.56	39.56	1.5	ANNUAL	SRCGP4	5	
595578	4130642	0.17159	39.18	39.18	1.5	ANNUAL	SRCGP4	5	
595598	4130642	0.16681	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595618	4130642	0.16217	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
595638	4130642	0.15771	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595658	4130642	0.1534	39.18	39.18	1.5	ANNUAL	SRCGP4	5	
595678	4130642	0.14925	39.21	39.21	1.5	ANNUAL	SRCGP4	5	
595718	4130642	0.14135	39.19	39.19	1.5	ANNUAL	SRCGP4	5	
595738	4130642	0.13763	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
595758	4130642	0.13396	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595778	4130642	0.13047	38.99	38.99	1.5	ANNUAL	SRCGP4	5	
594538	4130662	0.84707	40.75	40.75	1.5	ANNUAL	SRCGP4	5	
594558	4130662	0.87054	40.57	40.57	1.5	ANNUAL	SRCGP4	5	
594578	4130662	0.89278	40.72	40.72	1.5	ANNUAL	SRCGP4	5	
594598	4130662	0.91023	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
594618	4130662	0.92383	40.51	40.51	1.5	ANNUAL	SRCGP4	5	
594718	4130662	0.94163	40.36	40.36	1.5	ANNUAL	SRCGP4	5	
594738	4130662	0.93613	40.07	40.07	1.5	ANNUAL	SRCGP4	5	
594758	4130662	0.93135	40.08	40.08	1.5	ANNUAL	SRCGP4	5	
594778	4130662	0.92559	40.2	40.2	1.5	ANNUAL	SRCGP4	5	
594798	4130662	0.91647	40.23	40.23	1.5	ANNUAL	SRCGP4	5	
594818	4130662	0.9036	40.31	40.31	1.5	ANNUAL	SRCGP4	5	
594838	4130662	0.88421	40.25	40.25	1.5	ANNUAL	SRCGP4	5	
594858	4130662	0.85947	40.41	40.41	1.5	ANNUAL	SRCGP4	5	
594878	4130662	0.8266	40.45	40.45	1.5	ANNUAL	SRCGP4	5	
594898	4130662	0.78683	40.5	40.5	1.5	ANNUAL	SRCGP4	5	
594918	4130662	0.7401	40.3	40.3	1.5	ANNUAL	SRCGP4	5	
594938	4130662	0.69223	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
594958	4130662	0.64234	40.72	40.72	1.5	ANNUAL	SRCGP4	5	
594978	4130662	0.5921	40.49	40.49	1.5	ANNUAL	SRCGP4	5	
594998	4130662	0.54622	40.57	40.57	1.5	ANNUAL	SRCGP4	5	
595018	4130662	0.50393	40.43	40.43	1.5	ANNUAL	SRCGP4	5	
595038	4130662	0.4679	40.73	40.73	1.5	ANNUAL	SRCGP4	5	
595058	4130662	0.43535	40.58	40.58	1.5	ANNUAL	SRCGP4	5	
595078	4130662	0.4072	40.44	40.44	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595118	4130662	0.36144	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595138	4130662	0.3424	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595158	4130662	0.32521	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595198	4130662	0.29507	40.08	40.08	1.5	ANNUAL	SRCGP4	5	
595218	4130662	0.28211	39.97	39.97	1.5	ANNUAL	SRCGP4	5	
595238	4130662	0.27046	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
595278	4130662	0.25058	39.73	39.73	1.5	ANNUAL	SRCGP4	5	
595298	4130662	0.24235	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
595318	4130662	0.23461	39.83	39.83	1.5	ANNUAL	SRCGP4	5	
595338	4130662	0.22747	39.72	39.72	1.5	ANNUAL	SRCGP4	5	
595378	4130662	0.21468	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
595398	4130662	0.20881	39.53	39.53	1.5	ANNUAL	SRCGP4	5	
595418	4130662	0.20311	39.37	39.37	1.5	ANNUAL	SRCGP4	5	
595438	4130662	0.19771	39.33	39.33	1.5	ANNUAL	SRCGP4	5	
595478	4130662	0.18756	39.44	39.44	1.5	ANNUAL	SRCGP4	5	
595498	4130662	0.18262	39.42	39.42	1.5	ANNUAL	SRCGP4	5	
595518	4130662	0.17778	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
595538	4130662	0.17313	39.41	39.41	1.5	ANNUAL	SRCGP4	5	
595578	4130662	0.16389	39.06	39.06	1.5	ANNUAL	SRCGP4	5	
595598	4130662	0.15953	39	39	1.5	ANNUAL	SRCGP4	5	
595618	4130662	0.15536	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595638	4130662	0.15129	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595658	4130662	0.14731	39	39	1.5	ANNUAL	SRCGP4	5	
595678	4130662	0.14348	39	39	1.5	ANNUAL	SRCGP4	5	
595698	4130662	0.13981	39.07	39.07	1.5	ANNUAL	SRCGP4	5	
595718	4130662	0.13616	38.94	38.94	1.5	ANNUAL	SRCGP4	5	
595738	4130662	0.13277	39.1	39.1	1.5	ANNUAL	SRCGP4	5	
595758	4130662	0.12938	39	39	1.5	ANNUAL	SRCGP4	5	
595778	4130662	0.12615	39.01	39.01	1.5	ANNUAL	SRCGP4	5	
595798	4130662	0.12294	38.79	38.79	1.5	ANNUAL	SRCGP4	5	
594418	4130682	0.64492	40.87	40.87	1.5	ANNUAL	SRCGP4	5	
594438	4130682	0.67241	40.87	40.87	1.5	ANNUAL	SRCGP4	5	
594458	4130682	0.69906	40.79	40.79	1.5	ANNUAL	SRCGP4	5	
594478	4130682	0.72471	40.7	40.7	1.5	ANNUAL	SRCGP4	5	
594498	4130682	0.7499	40.83	40.83	1.5	ANNUAL	SRCGP4	5	
594518	4130682	0.77202	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
594538	4130682	0.79244	40.52	40.52	1.5	ANNUAL	SRCGP4	5	
594558	4130682	0.81037	40.43	40.43	1.5	ANNUAL	SRCGP4	5	
594578	4130682	0.82627	40.5	40.5	1.5	ANNUAL	SRCGP4	5	
594598	4130682	0.83891	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
594618	4130682	0.8481	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
594718	4130682	0.85147	40.22	40.22	1.5	ANNUAL	SRCGP4	5	
594738	4130682	0.84529	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
594758	4130682	0.84066	39.86	39.86	1.5	ANNUAL	SRCGP4	5	
594778	4130682	0.83502	39.95	39.95	1.5	ANNUAL	SRCGP4	5	
594798	4130682	0.82725	40.09	40.09	1.5	ANNUAL	SRCGP4	5	
594818	4130682	0.81529	40.15	40.15	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594838	4130682	0.79709	39.99	39.99	1.5	ANNUAL	SRCGP4	5	
594858	4130682	0.77466	40.12	40.12	1.5	ANNUAL	SRCGP4	5	
594878	4130682	0.74577	40.23	40.23	1.5	ANNUAL	SRCGP4	5	
594898	4130682	0.71081	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
594918	4130682	0.66955	40.08	40.08	1.5	ANNUAL	SRCGP4	5	
594938	4130682	0.62758	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
594958	4130682	0.58362	40.38	40.38	1.5	ANNUAL	SRCGP4	5	
594978	4130682	0.54053	40.39	40.39	1.5	ANNUAL	SRCGP4	5	
594998	4130682	0.50007	40.4	40.4	1.5	ANNUAL	SRCGP4	5	
595018	4130682	0.46303	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595038	4130682	0.43122	40.62	40.62	1.5	ANNUAL	SRCGP4	5	
595058	4130682	0.40235	40.47	40.47	1.5	ANNUAL	SRCGP4	5	
595078	4130682	0.37762	40.48	40.48	1.5	ANNUAL	SRCGP4	5	
595118	4130682	0.33664	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
595138	4130682	0.31915	40.12	40.12	1.5	ANNUAL	SRCGP4	5	
595158	4130682	0.3038	40.21	40.21	1.5	ANNUAL	SRCGP4	5	
595198	4130682	0.27637	40.01	40.01	1.5	ANNUAL	SRCGP4	5	
595218	4130682	0.26453	39.99	39.99	1.5	ANNUAL	SRCGP4	5	
595238	4130682	0.25369	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
595278	4130682	0.23498	39.63	39.63	1.5	ANNUAL	SRCGP4	5	
595298	4130682	0.22727	39.76	39.76	1.5	ANNUAL	SRCGP4	5	
595318	4130682	0.22022	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
595338	4130682	0.21349	39.6	39.6	1.5	ANNUAL	SRCGP4	5	
595378	4130682	0.2018	39.42	39.42	1.5	ANNUAL	SRCGP4	5	
595398	4130682	0.19661	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
595418	4130682	0.19136	39.14	39.14	1.5	ANNUAL	SRCGP4	5	
595438	4130682	0.18652	39.06	39.06	1.5	ANNUAL	SRCGP4	5	
595478	4130682	0.17765	39.32	39.32	1.5	ANNUAL	SRCGP4	5	
595498	4130682	0.17328	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
595518	4130682	0.16901	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
595538	4130682	0.16485	39.33	39.33	1.5	ANNUAL	SRCGP4	5	
595578	4130682	0.15671	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
595598	4130682	0.15283	39.25	39.25	1.5	ANNUAL	SRCGP4	5	
595618	4130682	0.14904	39.27	39.27	1.5	ANNUAL	SRCGP4	5	
595638	4130682	0.14529	39.21	39.21	1.5	ANNUAL	SRCGP4	5	
595658	4130682	0.14166	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595678	4130682	0.13813	39.14	39.14	1.5	ANNUAL	SRCGP4	5	
595698	4130682	0.13462	38.92	38.92	1.5	ANNUAL	SRCGP4	5	
595718	4130682	0.13125	38.79	38.79	1.5	ANNUAL	SRCGP4	5	
595738	4130682	0.12812	38.98	38.98	1.5	ANNUAL	SRCGP4	5	
595758	4130682	0.12504	39.06	39.06	1.5	ANNUAL	SRCGP4	5	
595778	4130682	0.12202	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595798	4130682	0.1189	38.55	38.55	1.5	ANNUAL	SRCGP4	5	
594318	4130702	0.50084	40.53	40.53	1.5	ANNUAL	SRCGP4	5	
594338	4130702	0.52487	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
594358	4130702	0.54869	40.54	40.54	1.5	ANNUAL	SRCGP4	5	
594378	4130702	0.57308	40.63	40.63	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130702	0.59723	40.66	40.66	1.5	ANNUAL	SRCGP4	5	
594418	4130702	0.62091	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
594438	4130702	0.64412	40.63	40.63	1.5	ANNUAL	SRCGP4	5	
594458	4130702	0.66624	40.56	40.56	1.5	ANNUAL	SRCGP4	5	
594478	4130702	0.68733	40.52	40.52	1.5	ANNUAL	SRCGP4	5	
594498	4130702	0.70756	40.64	40.64	1.5	ANNUAL	SRCGP4	5	
594518	4130702	0.72487	40.46	40.46	1.5	ANNUAL	SRCGP4	5	
594538	4130702	0.7407	40.44	40.44	1.5	ANNUAL	SRCGP4	5	
594558	4130702	0.75359	40.3	40.3	1.5	ANNUAL	SRCGP4	5	
594578	4130702	0.76444	40.29	40.29	1.5	ANNUAL	SRCGP4	5	
594598	4130702	0.77283	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
594618	4130702	0.77731	40.16	40.16	1.5	ANNUAL	SRCGP4	5	
595278	4130702	0.22108	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
595298	4130702	0.21375	39.58	39.58	1.5	ANNUAL	SRCGP4	5	
595318	4130702	0.20721	39.73	39.73	1.5	ANNUAL	SRCGP4	5	
595338	4130702	0.20097	39.54	39.54	1.5	ANNUAL	SRCGP4	5	
595378	4130702	0.19013	39.34	39.34	1.5	ANNUAL	SRCGP4	5	
595398	4130702	0.1853	39.26	39.26	1.5	ANNUAL	SRCGP4	5	
595418	4130702	0.18061	39.02	39.02	1.5	ANNUAL	SRCGP4	5	
595438	4130702	0.17622	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
595478	4130702	0.16831	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
595498	4130702	0.16445	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595518	4130702	0.16071	39.25	39.25	1.5	ANNUAL	SRCGP4	5	
595538	4130702	0.15695	39.18	39.18	1.5	ANNUAL	SRCGP4	5	
595578	4130702	0.14973	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595598	4130702	0.14623	39.18	39.18	1.5	ANNUAL	SRCGP4	5	
595618	4130702	0.14282	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
595638	4130702	0.13939	39.09	39.09	1.5	ANNUAL	SRCGP4	5	
595658	4130702	0.136	38.86	38.86	1.5	ANNUAL	SRCGP4	5	
595678	4130702	0.13283	38.95	38.95	1.5	ANNUAL	SRCGP4	5	
595698	4130702	0.12967	38.87	38.87	1.5	ANNUAL	SRCGP4	5	
595718	4130702	0.12674	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
595738	4130702	0.12377	39.16	39.16	1.5	ANNUAL	SRCGP4	5	
595758	4130702	0.12084	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595778	4130702	0.11808	39.18	39.18	1.5	ANNUAL	SRCGP4	5	
595798	4130702	0.11523	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
594318	4130722	0.49145	40.39	40.39	1.5	ANNUAL	SRCGP4	5	
594338	4130722	0.51281	40.5	40.5	1.5	ANNUAL	SRCGP4	5	
594358	4130722	0.53381	40.44	40.44	1.5	ANNUAL	SRCGP4	5	
594378	4130722	0.55467	40.39	40.39	1.5	ANNUAL	SRCGP4	5	
594398	4130722	0.57548	40.45	40.45	1.5	ANNUAL	SRCGP4	5	
594418	4130722	0.59582	40.52	40.52	1.5	ANNUAL	SRCGP4	5	
594438	4130722	0.61506	40.47	40.47	1.5	ANNUAL	SRCGP4	5	
594458	4130722	0.63321	40.39	40.39	1.5	ANNUAL	SRCGP4	5	
594478	4130722	0.65011	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
594498	4130722	0.66615	40.43	40.43	1.5	ANNUAL	SRCGP4	5	
594518	4130722	0.67984	40.38	40.38	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594538	4130722	0.69127	40.27	40.27	1.5	ANNUAL	SRCGP4	5	
594558	4130722	0.70031	40.13	40.13	1.5	ANNUAL	SRCGP4	5	
594578	4130722	0.70767	40.15	40.15	1.5	ANNUAL	SRCGP4	5	
594598	4130722	0.71236	40.1	40.1	1.5	ANNUAL	SRCGP4	5	
594618	4130722	0.71473	40.04	40.04	1.5	ANNUAL	SRCGP4	5	
594678	4130722	0.71236	40.05	40.05	1.5	ANNUAL	SRCGP4	5	
594698	4130722	0.70937	40.01	40.01	1.5	ANNUAL	SRCGP4	5	
594718	4130722	0.70535	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
594758	4130722	0.6964	39.57	39.57	1.5	ANNUAL	SRCGP4	5	
594778	4130722	0.69154	39.66	39.66	1.5	ANNUAL	SRCGP4	5	
594798	4130722	0.68387	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
594818	4130722	0.67339	39.62	39.62	1.5	ANNUAL	SRCGP4	5	
594838	4130722	0.65873	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
594858	4130722	0.64016	39.71	39.71	1.5	ANNUAL	SRCGP4	5	
594878	4130722	0.61622	39.69	39.69	1.5	ANNUAL	SRCGP4	5	
594898	4130722	0.58814	39.71	39.71	1.5	ANNUAL	SRCGP4	5	
594938	4130722	0.52322	39.8	39.8	1.5	ANNUAL	SRCGP4	5	
594958	4130722	0.48967	40.05	40.05	1.5	ANNUAL	SRCGP4	5	
594978	4130722	0.45623	40.13	40.13	1.5	ANNUAL	SRCGP4	5	
594998	4130722	0.42462	40.18	40.18	1.5	ANNUAL	SRCGP4	5	
595018	4130722	0.39532	40.07	40.07	1.5	ANNUAL	SRCGP4	5	
595038	4130722	0.36997	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
595058	4130722	0.34691	40.18	40.18	1.5	ANNUAL	SRCGP4	5	
595078	4130722	0.32685	40.08	40.08	1.5	ANNUAL	SRCGP4	5	
595118	4130722	0.29384	39.96	39.96	1.5	ANNUAL	SRCGP4	5	
595138	4130722	0.28	39.98	39.98	1.5	ANNUAL	SRCGP4	5	
595158	4130722	0.26726	39.92	39.92	1.5	ANNUAL	SRCGP4	5	
595198	4130722	0.2445	39.74	39.74	1.5	ANNUAL	SRCGP4	5	
595218	4130722	0.23446	39.74	39.74	1.5	ANNUAL	SRCGP4	5	
595238	4130722	0.22516	39.7	39.7	1.5	ANNUAL	SRCGP4	5	
595278	4130722	0.20878	39.52	39.52	1.5	ANNUAL	SRCGP4	5	
595298	4130722	0.20191	39.66	39.66	1.5	ANNUAL	SRCGP4	5	
595318	4130722	0.19551	39.58	39.58	1.5	ANNUAL	SRCGP4	5	
595338	4130722	0.18969	39.48	39.48	1.5	ANNUAL	SRCGP4	5	
595378	4130722	0.17951	39.23	39.23	1.5	ANNUAL	SRCGP4	5	
595398	4130722	0.17502	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
595418	4130722	0.17075	38.92	38.92	1.5	ANNUAL	SRCGP4	5	
595438	4130722	0.1667	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
595478	4130722	0.15966	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595498	4130722	0.15617	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595518	4130722	0.15279	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595538	4130722	0.14948	39.06	39.06	1.5	ANNUAL	SRCGP4	5	
595578	4130722	0.14302	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595598	4130722	0.13992	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
595618	4130722	0.13678	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
595638	4130722	0.13374	39.03	39.03	1.5	ANNUAL	SRCGP4	5	
595658	4130722	0.13064	38.75	38.75	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595678	4130722	0.12792	39.21	39.21	1.5	ANNUAL	SRCGP4	5	
595698	4130722	0.12492	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
595718	4130722	0.12222	39.14	39.14	1.5	ANNUAL	SRCGP4	5	
595738	4130722	0.11948	39.11	39.11	1.5	ANNUAL	SRCGP4	5	
595758	4130722	0.11678	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595778	4130722	0.11421	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
595798	4130722	0.11153	38.73	38.73	1.5	ANNUAL	SRCGP4	5	
594318	4130742	0.48019	40.35	40.35	1.5	ANNUAL	SRCGP4	5	
594338	4130742	0.49873	40.33	40.33	1.5	ANNUAL	SRCGP4	5	
594358	4130742	0.5172	40.36	40.36	1.5	ANNUAL	SRCGP4	5	
594378	4130742	0.53519	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
594398	4130742	0.5528	40.33	40.33	1.5	ANNUAL	SRCGP4	5	
594418	4130742	0.57016	40.49	40.49	1.5	ANNUAL	SRCGP4	5	
594438	4130742	0.58592	40.38	40.38	1.5	ANNUAL	SRCGP4	5	
594458	4130742	0.60078	40.34	40.34	1.5	ANNUAL	SRCGP4	5	
594478	4130742	0.61395	40.18	40.18	1.5	ANNUAL	SRCGP4	5	
594498	4130742	0.62657	40.31	40.31	1.5	ANNUAL	SRCGP4	5	
594518	4130742	0.63693	40.28	40.28	1.5	ANNUAL	SRCGP4	5	
594538	4130742	0.64496	40.13	40.13	1.5	ANNUAL	SRCGP4	5	
594558	4130742	0.651	40	40	1.5	ANNUAL	SRCGP4	5	
594578	4130742	0.6559	40.1	40.1	1.5	ANNUAL	SRCGP4	5	
594598	4130742	0.65809	40.02	40.02	1.5	ANNUAL	SRCGP4	5	
594618	4130742	0.65868	39.99	39.99	1.5	ANNUAL	SRCGP4	5	
594678	4130742	0.65398	40.1	40.1	1.5	ANNUAL	SRCGP4	5	
594698	4130742	0.65124	40.13	40.13	1.5	ANNUAL	SRCGP4	5	
594718	4130742	0.64698	39.83	39.83	1.5	ANNUAL	SRCGP4	5	
594758	4130742	0.63806	39.38	39.38	1.5	ANNUAL	SRCGP4	5	
594778	4130742	0.63368	39.5	39.5	1.5	ANNUAL	SRCGP4	5	
594798	4130742	0.62725	39.62	39.62	1.5	ANNUAL	SRCGP4	5	
594818	4130742	0.61631	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
594838	4130742	0.60301	39.39	39.39	1.5	ANNUAL	SRCGP4	5	
594858	4130742	0.586	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
594878	4130742	0.56421	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
594898	4130742	0.53931	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
594938	4130742	0.48077	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
594958	4130742	0.45076	39.7	39.7	1.5	ANNUAL	SRCGP4	5	
594978	4130742	0.42147	39.95	39.95	1.5	ANNUAL	SRCGP4	5	
594998	4130742	0.39321	39.98	39.98	1.5	ANNUAL	SRCGP4	5	
595018	4130742	0.36704	39.9	39.9	1.5	ANNUAL	SRCGP4	5	
595038	4130742	0.34439	40.2	40.2	1.5	ANNUAL	SRCGP4	5	
595058	4130742	0.32377	40.15	40.15	1.5	ANNUAL	SRCGP4	5	
595078	4130742	0.30541	39.91	39.91	1.5	ANNUAL	SRCGP4	5	
595118	4130742	0.27574	39.9	39.9	1.5	ANNUAL	SRCGP4	5	
595138	4130742	0.26319	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
595158	4130742	0.25162	39.81	39.81	1.5	ANNUAL	SRCGP4	5	
595198	4130742	0.23089	39.63	39.63	1.5	ANNUAL	SRCGP4	5	
595218	4130742	0.22166	39.64	39.64	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595238	4130742	0.21303	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
595278	4130742	0.19765	39.44	39.44	1.5	ANNUAL	SRCGP4	5	
595298	4130742	0.1911	39.53	39.53	1.5	ANNUAL	SRCGP4	5	
595318	4130742	0.18515	39.62	39.62	1.5	ANNUAL	SRCGP4	5	
595338	4130742	0.17938	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
595378	4130742	0.16989	39.14	39.14	1.5	ANNUAL	SRCGP4	5	
595398	4130742	0.16576	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
595418	4130742	0.16172	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
595438	4130742	0.15798	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
595478	4130742	0.1516	38.99	38.99	1.5	ANNUAL	SRCGP4	5	
595498	4130742	0.14845	38.96	38.96	1.5	ANNUAL	SRCGP4	5	
595518	4130742	0.14538	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
595538	4130742	0.1424	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
595578	4130742	0.13666	38.98	38.98	1.5	ANNUAL	SRCGP4	5	
595598	4130742	0.13382	38.94	38.94	1.5	ANNUAL	SRCGP4	5	
595618	4130742	0.13109	39.05	39.05	1.5	ANNUAL	SRCGP4	5	
595638	4130742	0.12832	38.98	38.98	1.5	ANNUAL	SRCGP4	5	
595658	4130742	0.12553	38.75	38.75	1.5	ANNUAL	SRCGP4	5	
595678	4130742	0.12302	39.11	39.11	1.5	ANNUAL	SRCGP4	5	
595698	4130742	0.12032	38.87	38.87	1.5	ANNUAL	SRCGP4	5	
595718	4130742	0.11771	38.75	38.75	1.5	ANNUAL	SRCGP4	5	
595738	4130742	0.11521	38.75	38.75	1.5	ANNUAL	SRCGP4	5	
595758	4130742	0.11266	38.51	38.51	1.5	ANNUAL	SRCGP4	5	
595778	4130742	0.11032	38.66	38.66	1.5	ANNUAL	SRCGP4	5	
595798	4130742	0.10786	38.36	38.36	1.5	ANNUAL	SRCGP4	5	
594318	4130762	0.46681	40.07	40.07	1.5	ANNUAL	SRCGP4	5	
594338	4130762	0.48327	40.19	40.19	1.5	ANNUAL	SRCGP4	5	
594358	4130762	0.49921	40.21	40.21	1.5	ANNUAL	SRCGP4	5	
594378	4130762	0.51451	40.15	40.15	1.5	ANNUAL	SRCGP4	5	
594398	4130762	0.52931	40.13	40.13	1.5	ANNUAL	SRCGP4	5	
594418	4130762	0.5439	40.32	40.32	1.5	ANNUAL	SRCGP4	5	
594438	4130762	0.55671	40.19	40.19	1.5	ANNUAL	SRCGP4	5	
594458	4130762	0.56855	40.12	40.12	1.5	ANNUAL	SRCGP4	5	
594478	4130762	0.57882	39.97	39.97	1.5	ANNUAL	SRCGP4	5	
594498	4130762	0.58919	40.31	40.31	1.5	ANNUAL	SRCGP4	5	
594518	4130762	0.59626	40.12	40.12	1.5	ANNUAL	SRCGP4	5	
594538	4130762	0.60153	39.93	39.93	1.5	ANNUAL	SRCGP4	5	
594558	4130762	0.6053	39.83	39.83	1.5	ANNUAL	SRCGP4	5	
594578	4130762	0.6085	40.05	40.05	1.5	ANNUAL	SRCGP4	5	
594598	4130762	0.60846	39.83	39.83	1.5	ANNUAL	SRCGP4	5	
594618	4130762	0.6076	39.76	39.76	1.5	ANNUAL	SRCGP4	5	
594678	4130762	0.60212	40.06	40.06	1.5	ANNUAL	SRCGP4	5	
594698	4130762	0.59904	39.96	39.96	1.5	ANNUAL	SRCGP4	5	
594718	4130762	0.59499	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
594758	4130762	0.58746	39.29	39.29	1.5	ANNUAL	SRCGP4	5	
594778	4130762	0.58306	39.34	39.34	1.5	ANNUAL	SRCGP4	5	
594798	4130762	0.57642	39.31	39.31	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594818	4130762	0.5672	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594838	4130762	0.55418	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
594858	4130762	0.5386	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594878	4130762	0.51851	39.2	39.2	1.5	ANNUAL	SRCGP4	5	
594898	4130762	0.49569	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
594938	4130762	0.44354	39.25	39.25	1.5	ANNUAL	SRCGP4	5	
594958	4130762	0.41695	39.53	39.53	1.5	ANNUAL	SRCGP4	5	
594978	4130762	0.39026	39.58	39.58	1.5	ANNUAL	SRCGP4	5	
594998	4130762	0.36505	39.66	39.66	1.5	ANNUAL	SRCGP4	5	
595018	4130762	0.34163	39.63	39.63	1.5	ANNUAL	SRCGP4	5	
595038	4130762	0.3211	39.86	39.86	1.5	ANNUAL	SRCGP4	5	
595058	4130762	0.30276	39.99	39.99	1.5	ANNUAL	SRCGP4	5	
595078	4130762	0.28631	39.88	39.88	1.5	ANNUAL	SRCGP4	5	
595118	4130762	0.25928	39.8	39.8	1.5	ANNUAL	SRCGP4	5	
595138	4130762	0.24786	39.76	39.76	1.5	ANNUAL	SRCGP4	5	
595158	4130762	0.23719	39.54	39.54	1.5	ANNUAL	SRCGP4	5	
595198	4130762	0.2186	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
595218	4130762	0.21021	39.72	39.72	1.5	ANNUAL	SRCGP4	5	
595238	4130762	0.20193	39.4	39.4	1.5	ANNUAL	SRCGP4	5	
595278	4130762	0.18763	39.37	39.37	1.5	ANNUAL	SRCGP4	5	
595298	4130762	0.18147	39.54	39.54	1.5	ANNUAL	SRCGP4	5	
595318	4130762	0.17554	39.29	39.29	1.5	ANNUAL	SRCGP4	5	
595338	4130762	0.17023	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
595378	4130762	0.16106	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
595398	4130762	0.15718	38.96	38.96	1.5	ANNUAL	SRCGP4	5	
595418	4130762	0.15335	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
595438	4130762	0.14999	38.57	38.57	1.5	ANNUAL	SRCGP4	5	
595478	4130762	0.14407	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
595498	4130762	0.14116	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595518	4130762	0.1384	38.74	38.74	1.5	ANNUAL	SRCGP4	5	
595538	4130762	0.13575	38.79	38.79	1.5	ANNUAL	SRCGP4	5	
595578	4130762	0.13062	38.93	38.93	1.5	ANNUAL	SRCGP4	5	
595598	4130762	0.12805	38.86	38.86	1.5	ANNUAL	SRCGP4	5	
595618	4130762	0.1256	38.97	38.97	1.5	ANNUAL	SRCGP4	5	
595638	4130762	0.12308	38.85	38.85	1.5	ANNUAL	SRCGP4	5	
595658	4130762	0.12057	38.66	38.66	1.5	ANNUAL	SRCGP4	5	
595678	4130762	0.1183	38.99	38.99	1.5	ANNUAL	SRCGP4	5	
595698	4130762	0.11587	38.85	38.85	1.5	ANNUAL	SRCGP4	5	
595718	4130762	0.11346	38.62	38.62	1.5	ANNUAL	SRCGP4	5	
595738	4130762	0.11118	38.66	38.66	1.5	ANNUAL	SRCGP4	5	
595758	4130762	0.1089	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
595778	4130762	0.10668	38.59	38.59	1.5	ANNUAL	SRCGP4	5	
595798	4130762	0.10447	38.48	38.48	1.5	ANNUAL	SRCGP4	5	
594318	4130782	0.45249	39.91	39.91	1.5	ANNUAL	SRCGP4	5	
594338	4130782	0.46678	40.03	40.03	1.5	ANNUAL	SRCGP4	5	
594358	4130782	0.48052	40.08	40.08	1.5	ANNUAL	SRCGP4	5	
594378	4130782	0.49351	40.03	40.03	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130782	0.50574	39.95	39.95	1.5	ANNUAL	SRCGP4	5	
594418	4130782	0.51764	40.06	40.06	1.5	ANNUAL	SRCGP4	5	
594438	4130782	0.52811	39.99	39.99	1.5	ANNUAL	SRCGP4	5	
594458	4130782	0.53763	39.98	39.98	1.5	ANNUAL	SRCGP4	5	
594478	4130782	0.5458	39.94	39.94	1.5	ANNUAL	SRCGP4	5	
594498	4130782	0.55289	40.01	40.01	1.5	ANNUAL	SRCGP4	5	
594518	4130782	0.55807	39.94	39.94	1.5	ANNUAL	SRCGP4	5	
594538	4130782	0.56194	39.95	39.95	1.5	ANNUAL	SRCGP4	5	
594558	4130782	0.56329	39.67	39.67	1.5	ANNUAL	SRCGP4	5	
594578	4130782	0.5649	39.9	39.9	1.5	ANNUAL	SRCGP4	5	
594598	4130782	0.5648	40	40	1.5	ANNUAL	SRCGP4	5	
594618	4130782	0.56255	39.76	39.76	1.5	ANNUAL	SRCGP4	5	
594678	4130782	0.55568	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
594698	4130782	0.55236	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
594718	4130782	0.54906	39.33	39.33	1.5	ANNUAL	SRCGP4	5	
594758	4130782	0.54255	39.1	39.1	1.5	ANNUAL	SRCGP4	5	
594778	4130782	0.53874	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
594798	4130782	0.53223	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
594818	4130782	0.52382	39.23	39.23	1.5	ANNUAL	SRCGP4	5	
594838	4130782	0.51113	38.93	38.93	1.5	ANNUAL	SRCGP4	5	
594858	4130782	0.49753	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594878	4130782	0.47902	39.16	39.16	1.5	ANNUAL	SRCGP4	5	
594898	4130782	0.45798	39.08	39.08	1.5	ANNUAL	SRCGP4	5	
594938	4130782	0.41084	39.07	39.07	1.5	ANNUAL	SRCGP4	5	
594958	4130782	0.38675	39.27	39.27	1.5	ANNUAL	SRCGP4	5	
594978	4130782	0.36346	39.64	39.64	1.5	ANNUAL	SRCGP4	5	
594998	4130782	0.34037	39.55	39.55	1.5	ANNUAL	SRCGP4	5	
595018	4130782	0.31927	39.56	39.56	1.5	ANNUAL	SRCGP4	5	
595038	4130782	0.30081	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
595058	4130782	0.28387	39.86	39.86	1.5	ANNUAL	SRCGP4	5	
595078	4130782	0.26892	39.77	39.77	1.5	ANNUAL	SRCGP4	5	
595118	4130782	0.24431	39.7	39.7	1.5	ANNUAL	SRCGP4	5	
595138	4130782	0.23386	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
595158	4130782	0.22433	39.54	39.54	1.5	ANNUAL	SRCGP4	5	
595198	4130782	0.20723	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
595218	4130782	0.19938	39.42	39.42	1.5	ANNUAL	SRCGP4	5	
595238	4130782	0.19199	39.39	39.39	1.5	ANNUAL	SRCGP4	5	
595278	4130782	0.17854	39.29	39.29	1.5	ANNUAL	SRCGP4	5	
595298	4130782	0.1727	39.46	39.46	1.5	ANNUAL	SRCGP4	5	
595318	4130782	0.16705	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
595338	4130782	0.16182	38.89	38.89	1.5	ANNUAL	SRCGP4	5	
595378	4130782	0.15315	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
595398	4130782	0.14936	38.75	38.75	1.5	ANNUAL	SRCGP4	5	
595418	4130782	0.1458	38.53	38.53	1.5	ANNUAL	SRCGP4	5	
595438	4130782	0.14258	38.41	38.41	1.5	ANNUAL	SRCGP4	5	
595478	4130782	0.13708	38.72	38.72	1.5	ANNUAL	SRCGP4	5	
595498	4130782	0.13438	38.57	38.57	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595518	4130782	0.13191	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
595538	4130782	0.12951	38.71	38.71	1.5	ANNUAL	SRCGP4	5	
595578	4130782	0.12487	38.83	38.83	1.5	ANNUAL	SRCGP4	5	
595598	4130782	0.12261	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
595618	4130782	0.12041	39.01	39.01	1.5	ANNUAL	SRCGP4	5	
595638	4130782	0.11806	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
595658	4130782	0.11584	38.65	38.65	1.5	ANNUAL	SRCGP4	5	
595678	4130782	0.11376	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
595698	4130782	0.11153	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
595718	4130782	0.1094	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
595738	4130782	0.10742	39.01	39.01	1.5	ANNUAL	SRCGP4	5	
595758	4130782	0.10534	38.97	38.97	1.5	ANNUAL	SRCGP4	5	
595778	4130782	0.10328	38.92	38.92	1.5	ANNUAL	SRCGP4	5	
595798	4130782	0.10121	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
594318	4130802	0.4377	39.92	39.92	1.5	ANNUAL	SRCGP4	5	
594338	4130802	0.44973	39.89	39.89	1.5	ANNUAL	SRCGP4	5	
594358	4130802	0.46159	40	40	1.5	ANNUAL	SRCGP4	5	
594378	4130802	0.4723	39.86	39.86	1.5	ANNUAL	SRCGP4	5	
594398	4130802	0.48252	39.82	39.82	1.5	ANNUAL	SRCGP4	5	
594418	4130802	0.4923	39.94	39.94	1.5	ANNUAL	SRCGP4	5	
594438	4130802	0.501	40.01	40.01	1.5	ANNUAL	SRCGP4	5	
594458	4130802	0.50828	39.95	39.95	1.5	ANNUAL	SRCGP4	5	
594478	4130802	0.51377	39.68	39.68	1.5	ANNUAL	SRCGP4	5	
594498	4130802	0.5193	39.9	39.9	1.5	ANNUAL	SRCGP4	5	
594518	4130802	0.52278	39.87	39.87	1.5	ANNUAL	SRCGP4	5	
594538	4130802	0.52488	39.84	39.84	1.5	ANNUAL	SRCGP4	5	
594558	4130802	0.52469	39.49	39.49	1.5	ANNUAL	SRCGP4	5	
594578	4130802	0.52499	39.68	39.68	1.5	ANNUAL	SRCGP4	5	
594598	4130802	0.52327	39.53	39.53	1.5	ANNUAL	SRCGP4	5	
594618	4130802	0.52153	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
594678	4130802	0.51476	39.69	39.69	1.5	ANNUAL	SRCGP4	5	
594698	4130802	0.51214	39.54	39.54	1.5	ANNUAL	SRCGP4	5	
594718	4130802	0.50924	39.28	39.28	1.5	ANNUAL	SRCGP4	5	
594758	4130802	0.50285	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
594778	4130802	0.49982	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
594798	4130802	0.49269	38.86	38.86	1.5	ANNUAL	SRCGP4	5	
594818	4130802	0.48452	38.87	38.87	1.5	ANNUAL	SRCGP4	5	
594838	4130802	0.47345	38.82	38.82	1.5	ANNUAL	SRCGP4	5	
594858	4130802	0.46014	38.97	38.97	1.5	ANNUAL	SRCGP4	5	
594878	4130802	0.44394	39.09	39.09	1.5	ANNUAL	SRCGP4	5	
594898	4130802	0.42431	38.85	38.85	1.5	ANNUAL	SRCGP4	5	
594938	4130802	0.38166	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
594958	4130802	0.35977	38.97	38.97	1.5	ANNUAL	SRCGP4	5	
594978	4130802	0.33872	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594998	4130802	0.31787	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
595018	4130802	0.29885	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
595038	4130802	0.28213	39.68	39.68	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595058	4130802	0.26687	39.78	39.78	1.5	ANNUAL	SRCGP4	5	
595078	4130802	0.25305	39.59	39.59	1.5	ANNUAL	SRCGP4	5	
595118	4130802	0.23087	39.79	39.79	1.5	ANNUAL	SRCGP4	5	
595138	4130802	0.22117	39.56	39.56	1.5	ANNUAL	SRCGP4	5	
595158	4130802	0.21227	39.3	39.3	1.5	ANNUAL	SRCGP4	5	
595198	4130802	0.19676	39.3	39.3	1.5	ANNUAL	SRCGP4	5	
595218	4130802	0.18968	39.38	39.38	1.5	ANNUAL	SRCGP4	5	
595238	4130802	0.18281	39.29	39.29	1.5	ANNUAL	SRCGP4	5	
595278	4130802	0.17031	39.29	39.29	1.5	ANNUAL	SRCGP4	5	
595298	4130802	0.1647	39.35	39.35	1.5	ANNUAL	SRCGP4	5	
595318	4130802	0.15936	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595338	4130802	0.15435	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
595378	4130802	0.14594	38.71	38.71	1.5	ANNUAL	SRCGP4	5	
595398	4130802	0.14234	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
595418	4130802	0.13889	38.41	38.41	1.5	ANNUAL	SRCGP4	5	
595438	4130802	0.13581	38.28	38.28	1.5	ANNUAL	SRCGP4	5	
595478	4130802	0.13065	38.65	38.65	1.5	ANNUAL	SRCGP4	5	
595498	4130802	0.12806	38.36	38.36	1.5	ANNUAL	SRCGP4	5	
595518	4130802	0.12577	38.4	38.4	1.5	ANNUAL	SRCGP4	5	
595538	4130802	0.1236	38.51	38.51	1.5	ANNUAL	SRCGP4	5	
595578	4130802	0.11942	38.72	38.72	1.5	ANNUAL	SRCGP4	5	
595598	4130802	0.11735	38.69	38.69	1.5	ANNUAL	SRCGP4	5	
595618	4130802	0.11534	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595638	4130802	0.11329	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
595658	4130802	0.11127	38.56	38.56	1.5	ANNUAL	SRCGP4	5	
595678	4130802	0.10939	38.81	38.81	1.5	ANNUAL	SRCGP4	5	
595698	4130802	0.10739	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
595718	4130802	0.10543	38.57	38.57	1.5	ANNUAL	SRCGP4	5	
595738	4130802	0.10354	38.66	38.66	1.5	ANNUAL	SRCGP4	5	
595758	4130802	0.10166	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
595778	4130802	0.09979	38.65	38.65	1.5	ANNUAL	SRCGP4	5	
595798	4130802	0.09783	38.27	38.27	1.5	ANNUAL	SRCGP4	5	
594318	4130822	0.42205	39.74	39.74	1.5	ANNUAL	SRCGP4	5	
594338	4130822	0.43268	39.88	39.88	1.5	ANNUAL	SRCGP4	5	
594358	4130822	0.44272	39.98	39.98	1.5	ANNUAL	SRCGP4	5	
594378	4130822	0.45138	39.72	39.72	1.5	ANNUAL	SRCGP4	5	
594398	4130822	0.45976	39.68	39.68	1.5	ANNUAL	SRCGP4	5	
594418	4130822	0.46801	39.94	39.94	1.5	ANNUAL	SRCGP4	5	
594438	4130822	0.47457	39.88	39.88	1.5	ANNUAL	SRCGP4	5	
594458	4130822	0.47983	39.72	39.72	1.5	ANNUAL	SRCGP4	5	
594478	4130822	0.48378	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
594498	4130822	0.48754	39.68	39.68	1.5	ANNUAL	SRCGP4	5	
594518	4130822	0.48947	39.62	39.62	1.5	ANNUAL	SRCGP4	5	
594538	4130822	0.49042	39.63	39.63	1.5	ANNUAL	SRCGP4	5	
594558	4130822	0.48949	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
594578	4130822	0.48868	39.45	39.45	1.5	ANNUAL	SRCGP4	5	
594598	4130822	0.48708	39.5	39.5	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594618	4130822	0.48466	39.41	39.41	1.5	ANNUAL	SRCGP4	5	
594678	4130822	0.47831	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
594698	4130822	0.476	39.35	39.35	1.5	ANNUAL	SRCGP4	5	
594718	4130822	0.47368	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
594758	4130822	0.46761	38.74	38.74	1.5	ANNUAL	SRCGP4	5	
594778	4130822	0.46467	39.07	39.07	1.5	ANNUAL	SRCGP4	5	
594798	4130822	0.45829	38.82	38.82	1.5	ANNUAL	SRCGP4	5	
594818	4130822	0.45023	38.73	38.73	1.5	ANNUAL	SRCGP4	5	
594838	4130822	0.43975	38.65	38.65	1.5	ANNUAL	SRCGP4	5	
594858	4130822	0.42721	38.74	38.74	1.5	ANNUAL	SRCGP4	5	
594878	4130822	0.41183	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
594898	4130822	0.39438	38.63	38.63	1.5	ANNUAL	SRCGP4	5	
594938	4130822	0.35574	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
594958	4130822	0.33612	38.9	38.9	1.5	ANNUAL	SRCGP4	5	
594978	4130822	0.31649	38.96	38.96	1.5	ANNUAL	SRCGP4	5	
594998	4130822	0.29786	39.06	39.06	1.5	ANNUAL	SRCGP4	5	
595018	4130822	0.2805	39.1	39.1	1.5	ANNUAL	SRCGP4	5	
595038	4130822	0.26505	39.34	39.34	1.5	ANNUAL	SRCGP4	5	
595058	4130822	0.25113	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
595078	4130822	0.23871	39.48	39.48	1.5	ANNUAL	SRCGP4	5	
595118	4130822	0.2181	39.45	39.45	1.5	ANNUAL	SRCGP4	5	
595138	4130822	0.20936	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
595158	4130822	0.2013	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595198	4130822	0.18722	39.26	39.26	1.5	ANNUAL	SRCGP4	5	
595218	4130822	0.18068	39.27	39.27	1.5	ANNUAL	SRCGP4	5	
595238	4130822	0.1743	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
595278	4130822	0.16272	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
595298	4130822	0.15745	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
595318	4130822	0.15225	38.96	38.96	1.5	ANNUAL	SRCGP4	5	
595338	4130822	0.14757	38.81	38.81	1.5	ANNUAL	SRCGP4	5	
595378	4130822	0.13942	38.62	38.62	1.5	ANNUAL	SRCGP4	5	
595398	4130822	0.13595	38.65	38.65	1.5	ANNUAL	SRCGP4	5	
595418	4130822	0.13259	38.32	38.32	1.5	ANNUAL	SRCGP4	5	
595438	4130822	0.12965	38.23	38.23	1.5	ANNUAL	SRCGP4	5	
595478	4130822	0.12466	38.48	38.48	1.5	ANNUAL	SRCGP4	5	
595498	4130822	0.12228	38.3	38.3	1.5	ANNUAL	SRCGP4	5	
595518	4130822	0.12021	38.5	38.5	1.5	ANNUAL	SRCGP4	5	
595538	4130822	0.11809	38.37	38.37	1.5	ANNUAL	SRCGP4	5	
595558	4130822	0.11615	38.48	38.48	1.5	ANNUAL	SRCGP4	5	
595578	4130822	0.11432	38.71	38.71	1.5	ANNUAL	SRCGP4	5	
595598	4130822	0.11242	38.64	38.64	1.5	ANNUAL	SRCGP4	5	
595618	4130822	0.11064	38.83	38.83	1.5	ANNUAL	SRCGP4	5	
595638	4130822	0.10872	38.56	38.56	1.5	ANNUAL	SRCGP4	5	
595658	4130822	0.10688	38.44	38.44	1.5	ANNUAL	SRCGP4	5	
595678	4130822	0.10522	38.82	38.82	1.5	ANNUAL	SRCGP4	5	
595698	4130822	0.10338	38.6	38.6	1.5	ANNUAL	SRCGP4	5	
595718	4130822	0.10164	38.64	38.64	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595738	4130822	0.09992	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
595758	4130822	0.09817	38.6	38.6	1.5	ANNUAL	SRCGP4	5	
595778	4130822	0.09648	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
595798	4130822	0.09464	38.14	38.14	1.5	ANNUAL	SRCGP4	5	
594318	4130842	0.40628	39.6	39.6	1.5	ANNUAL	SRCGP4	5	
594338	4130842	0.41538	39.76	39.76	1.5	ANNUAL	SRCGP4	5	
594358	4130842	0.42346	39.67	39.67	1.5	ANNUAL	SRCGP4	5	
594378	4130842	0.43084	39.56	39.56	1.5	ANNUAL	SRCGP4	5	
594398	4130842	0.43776	39.58	39.58	1.5	ANNUAL	SRCGP4	5	
594418	4130842	0.44534	40.3	40.3	1.5	ANNUAL	SRCGP4	5	
594438	4130842	0.4493	39.73	39.73	1.5	ANNUAL	SRCGP4	5	
594458	4130842	0.45295	39.52	39.52	1.5	ANNUAL	SRCGP4	5	
594478	4130842	0.45559	39.34	39.34	1.5	ANNUAL	SRCGP4	5	
594498	4130842	0.45868	39.78	39.78	1.5	ANNUAL	SRCGP4	5	
594518	4130842	0.45884	39.46	39.46	1.5	ANNUAL	SRCGP4	5	
594538	4130842	0.45883	39.47	39.47	1.5	ANNUAL	SRCGP4	5	
594558	4130842	0.45725	39.21	39.21	1.5	ANNUAL	SRCGP4	5	
594578	4130842	0.45603	39.34	39.34	1.5	ANNUAL	SRCGP4	5	
594598	4130842	0.45439	39.48	39.48	1.5	ANNUAL	SRCGP4	5	
594618	4130842	0.45212	39.46	39.46	1.5	ANNUAL	SRCGP4	5	
594678	4130842	0.44527	39.13	39.13	1.5	ANNUAL	SRCGP4	5	
594698	4130842	0.44387	39.19	39.19	1.5	ANNUAL	SRCGP4	5	
594718	4130842	0.44108	38.74	38.74	1.5	ANNUAL	SRCGP4	5	
594758	4130842	0.43658	38.73	38.73	1.5	ANNUAL	SRCGP4	5	
594778	4130842	0.43301	38.81	38.81	1.5	ANNUAL	SRCGP4	5	
594798	4130842	0.4275	38.78	38.78	1.5	ANNUAL	SRCGP4	5	
594818	4130842	0.42033	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
594838	4130842	0.40975	38.52	38.52	1.5	ANNUAL	SRCGP4	5	
594858	4130842	0.39803	38.6	38.6	1.5	ANNUAL	SRCGP4	5	
594878	4130842	0.38368	38.48	38.48	1.5	ANNUAL	SRCGP4	5	
594898	4130842	0.36805	38.59	38.59	1.5	ANNUAL	SRCGP4	5	
594938	4130842	0.3326	38.54	38.54	1.5	ANNUAL	SRCGP4	5	
594958	4130842	0.31474	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
594978	4130842	0.2969	38.85	38.85	1.5	ANNUAL	SRCGP4	5	
594998	4130842	0.27977	38.86	38.86	1.5	ANNUAL	SRCGP4	5	
595018	4130842	0.26401	38.97	38.97	1.5	ANNUAL	SRCGP4	5	
595038	4130842	0.25001	39.33	39.33	1.5	ANNUAL	SRCGP4	5	
595058	4130842	0.23717	39.44	39.44	1.5	ANNUAL	SRCGP4	5	
595078	4130842	0.22564	39.38	39.38	1.5	ANNUAL	SRCGP4	5	
595118	4130842	0.20673	39.44	39.44	1.5	ANNUAL	SRCGP4	5	
595138	4130842	0.19847	39.12	39.12	1.5	ANNUAL	SRCGP4	5	
595158	4130842	0.19131	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595198	4130842	0.17851	39.37	39.37	1.5	ANNUAL	SRCGP4	5	
595218	4130842	0.17232	39.14	39.14	1.5	ANNUAL	SRCGP4	5	
595238	4130842	0.16653	39.11	39.11	1.5	ANNUAL	SRCGP4	5	
595278	4130842	0.15574	39.16	39.16	1.5	ANNUAL	SRCGP4	5	
595298	4130842	0.15077	39.25	39.25	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595318	4130842	0.14584	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
595338	4130842	0.14138	38.79	38.79	1.5	ANNUAL	SRCGP4	5	
595378	4130842	0.13355	38.69	38.69	1.5	ANNUAL	SRCGP4	5	
595398	4130842	0.13013	38.63	38.63	1.5	ANNUAL	SRCGP4	5	
595418	4130842	0.12687	38.28	38.28	1.5	ANNUAL	SRCGP4	5	
595438	4130842	0.12405	38.26	38.26	1.5	ANNUAL	SRCGP4	5	
595478	4130842	0.11923	38.48	38.48	1.5	ANNUAL	SRCGP4	5	
595498	4130842	0.11697	38.33	38.33	1.5	ANNUAL	SRCGP4	5	
595518	4130842	0.11491	38.29	38.29	1.5	ANNUAL	SRCGP4	5	
595538	4130842	0.11298	38.3	38.3	1.5	ANNUAL	SRCGP4	5	
595558	4130842	0.11113	38.28	38.28	1.5	ANNUAL	SRCGP4	5	
595578	4130842	0.10946	38.54	38.54	1.5	ANNUAL	SRCGP4	5	
595598	4130842	0.1077	38.45	38.45	1.5	ANNUAL	SRCGP4	5	
595618	4130842	0.10607	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
595638	4130842	0.10439	38.52	38.52	1.5	ANNUAL	SRCGP4	5	
595658	4130842	0.10271	38.38	38.38	1.5	ANNUAL	SRCGP4	5	
595678	4130842	0.10119	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
595698	4130842	0.09954	38.55	38.55	1.5	ANNUAL	SRCGP4	5	
595718	4130842	0.09795	38.56	38.56	1.5	ANNUAL	SRCGP4	5	
595738	4130842	0.09639	38.63	38.63	1.5	ANNUAL	SRCGP4	5	
595758	4130842	0.09479	38.55	38.55	1.5	ANNUAL	SRCGP4	5	
595778	4130842	0.09323	38.52	38.52	1.5	ANNUAL	SRCGP4	5	
595798	4130842	0.09153	37.98	37.98	1.5	ANNUAL	SRCGP4	5	
594318	4130862	0.39069	39.56	39.56	1.5	ANNUAL	SRCGP4	5	
594338	4130862	0.39823	39.62	39.62	1.5	ANNUAL	SRCGP4	5	
594358	4130862	0.40508	39.61	39.61	1.5	ANNUAL	SRCGP4	5	
594378	4130862	0.41099	39.45	39.45	1.5	ANNUAL	SRCGP4	5	
594398	4130862	0.41661	39.51	39.51	1.5	ANNUAL	SRCGP4	5	
594418	4130862	0.42195	39.82	39.82	1.5	ANNUAL	SRCGP4	5	
594438	4130862	0.42554	39.7	39.7	1.5	ANNUAL	SRCGP4	5	
594458	4130862	0.42769	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
594478	4130862	0.42933	39.24	39.24	1.5	ANNUAL	SRCGP4	5	
594498	4130862	0.43151	39.77	39.77	1.5	ANNUAL	SRCGP4	5	
594518	4130862	0.43077	39.41	39.41	1.5	ANNUAL	SRCGP4	5	
594538	4130862	0.42941	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
594558	4130862	0.42795	39.12	39.12	1.5	ANNUAL	SRCGP4	5	
594578	4130862	0.42635	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
594598	4130862	0.42466	39.39	39.39	1.5	ANNUAL	SRCGP4	5	
594618	4130862	0.42238	39.33	39.33	1.5	ANNUAL	SRCGP4	5	
594678	4130862	0.41595	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
594698	4130862	0.41486	38.93	38.93	1.5	ANNUAL	SRCGP4	5	
594718	4130862	0.41349	38.93	38.93	1.5	ANNUAL	SRCGP4	5	
594758	4130862	0.4086	38.68	38.68	1.5	ANNUAL	SRCGP4	5	
594778	4130862	0.40521	38.8	38.8	1.5	ANNUAL	SRCGP4	5	
594798	4130862	0.39973	38.7	38.7	1.5	ANNUAL	SRCGP4	5	
594818	4130862	0.39258	38.67	38.67	1.5	ANNUAL	SRCGP4	5	
594838	4130862	0.38286	38.41	38.41	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130862	0.37212	38.58	38.58	1.5	ANNUAL	SRCGP4	5	
594878	4130862	0.35867	38.39	38.39	1.5	ANNUAL	SRCGP4	5	
594898	4130862	0.34415	38.44	38.44	1.5	ANNUAL	SRCGP4	5	
594938	4130862	0.31162	38.34	38.34	1.5	ANNUAL	SRCGP4	5	
594958	4130862	0.29544	38.63	38.63	1.5	ANNUAL	SRCGP4	5	
594978	4130862	0.27932	38.82	38.82	1.5	ANNUAL	SRCGP4	5	
594998	4130862	0.26351	38.75	38.75	1.5	ANNUAL	SRCGP4	5	
595018	4130862	0.24893	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595038	4130862	0.23588	38.98	38.98	1.5	ANNUAL	SRCGP4	5	
595058	4130862	0.22415	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595078	4130862	0.21356	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
595118	4130862	0.1961	39.25	39.25	1.5	ANNUAL	SRCGP4	5	
595138	4130862	0.18862	39.08	39.08	1.5	ANNUAL	SRCGP4	5	
595158	4130862	0.18194	39.02	39.02	1.5	ANNUAL	SRCGP4	5	
595198	4130862	0.17016	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
595238	4130862	0.15913	38.84	38.84	1.5	ANNUAL	SRCGP4	5	
595278	4130862	0.14919	38.98	38.98	1.5	ANNUAL	SRCGP4	5	
595298	4130862	0.14439	38.83	38.83	1.5	ANNUAL	SRCGP4	5	
595318	4130862	0.13987	38.73	38.73	1.5	ANNUAL	SRCGP4	5	
595338	4130862	0.13563	38.64	38.64	1.5	ANNUAL	SRCGP4	5	
595378	4130862	0.12803	38.43	38.43	1.5	ANNUAL	SRCGP4	5	
595398	4130862	0.12473	38.42	38.42	1.5	ANNUAL	SRCGP4	5	
595418	4130862	0.12155	38.07	38.07	1.5	ANNUAL	SRCGP4	5	
595438	4130862	0.11887	38.17	38.17	1.5	ANNUAL	SRCGP4	5	
595478	4130862	0.1141	38.2	38.2	1.5	ANNUAL	SRCGP4	5	
595498	4130862	0.11202	38.25	38.25	1.5	ANNUAL	SRCGP4	5	
595518	4130862	0.11005	38.21	38.21	1.5	ANNUAL	SRCGP4	5	
595538	4130862	0.10815	38.05	38.05	1.5	ANNUAL	SRCGP4	5	
595558	4130862	0.10649	38.23	38.23	1.5	ANNUAL	SRCGP4	5	
595578	4130862	0.10496	38.56	38.56	1.5	ANNUAL	SRCGP4	5	
595598	4130862	0.10337	38.58	38.58	1.5	ANNUAL	SRCGP4	5	
595618	4130862	0.10178	38.46	38.46	1.5	ANNUAL	SRCGP4	5	
595638	4130862	0.10024	38.4	38.4	1.5	ANNUAL	SRCGP4	5	
595658	4130862	0.09874	38.36	38.36	1.5	ANNUAL	SRCGP4	5	
595678	4130862	0.09734	38.59	38.59	1.5	ANNUAL	SRCGP4	5	
595698	4130862	0.09583	38.44	38.44	1.5	ANNUAL	SRCGP4	5	
595718	4130862	0.09443	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
595738	4130862	0.09299	38.59	38.59	1.5	ANNUAL	SRCGP4	5	
595758	4130862	0.09155	38.56	38.56	1.5	ANNUAL	SRCGP4	5	
595778	4130862	0.09012	38.55	38.55	1.5	ANNUAL	SRCGP4	5	
595798	4130862	0.08859	38.11	38.11	1.5	ANNUAL	SRCGP4	5	
594318	4130882	0.37499	39.36	39.36	1.5	ANNUAL	SRCGP4	5	
594338	4130882	0.38124	39.38	39.38	1.5	ANNUAL	SRCGP4	5	
594358	4130882	0.38676	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594378	4130882	0.39167	39.26	39.26	1.5	ANNUAL	SRCGP4	5	
594398	4130882	0.39589	39.22	39.22	1.5	ANNUAL	SRCGP4	5	
594418	4130882	0.39966	39.34	39.34	1.5	ANNUAL	SRCGP4	5	

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594438	4130882	0.40223	39.27	39.27	1.5	ANNUAL	SRCGP4	5	
594458	4130882	0.40369	39.09	39.09	1.5	ANNUAL	SRCGP4	5	
594478	4130882	0.40449	39.01	39.01	1.5	ANNUAL	SRCGP4	5	
594498	4130882	0.40531	39.31	39.31	1.5	ANNUAL	SRCGP4	5	
594518	4130882	0.40437	39.15	39.15	1.5	ANNUAL	SRCGP4	5	
594538	4130882	0.40282	39	39	1.5	ANNUAL	SRCGP4	5	
594558	4130882	0.40122	39.04	39.04	1.5	ANNUAL	SRCGP4	5	
594578	4130882	0.39971	39.25	39.25	1.5	ANNUAL	SRCGP4	5	
594598	4130882	0.39688	38.91	38.91	1.5	ANNUAL	SRCGP4	5	
594618	4130882	0.39549	39.17	39.17	1.5	ANNUAL	SRCGP4	5	
594678	4130882	0.39039	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
594698	4130882	0.38849	38.54	38.54	1.5	ANNUAL	SRCGP4	5	
594718	4130882	0.38722	38.52	38.52	1.5	ANNUAL	SRCGP4	5	
594758	4130882	0.3829	38.42	38.42	1.5	ANNUAL	SRCGP4	5	
594778	4130882	0.37933	38.43	38.43	1.5	ANNUAL	SRCGP4	5	
594798	4130882	0.37424	38.42	38.42	1.5	ANNUAL	SRCGP4	5	
594818	4130882	0.3671	38.25	38.25	1.5	ANNUAL	SRCGP4	5	
594838	4130882	0.35843	38.21	38.21	1.5	ANNUAL	SRCGP4	5	
594858	4130882	0.34796	38.18	38.18	1.5	ANNUAL	SRCGP4	5	
594878	4130882	0.33567	38.08	38.08	1.5	ANNUAL	SRCGP4	5	
594898	4130882	0.32228	38.12	38.12	1.5	ANNUAL	SRCGP4	5	
594938	4130882	0.29268	38.14	38.14	1.5	ANNUAL	SRCGP4	5	
594958	4130882	0.27765	38.3	38.3	1.5	ANNUAL	SRCGP4	5	
594978	4130882	0.26281	38.42	38.42	1.5	ANNUAL	SRCGP4	5	
595038	4130882	0.22315	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595058	4130882	0.21209	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595078	4130882	0.20241	38.89	38.89	1.5	ANNUAL	SRCGP4	5	
595098	4130882	0.19384	38.96	38.96	1.5	ANNUAL	SRCGP4	5	
595118	4130882	0.18626	39	39	1.5	ANNUAL	SRCGP4	5	
595138	4130882	0.17938	38.88	38.88	1.5	ANNUAL	SRCGP4	5	
595158	4130882	0.17317	38.77	38.77	1.5	ANNUAL	SRCGP4	5	
595178	4130882	0.16742	38.61	38.61	1.5	ANNUAL	SRCGP4	5	
594658	4130982	0.29355	38.34	38.34	1.5	ANNUAL	SRCGP4	5	

CONCUNIT /m^3

DEPUNIT g/ ^2

MODELING OP IONS USED: Re gDFAULT (ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF ANNUAL VALUES AV GED ACRO 5 YEARS FOR SO URCE GRO UP: SRCGP2
FOR A TOTAL OF 200 1 RECEPTORS.
FORM AT: (3(1X,F13.5),3(1X,F8.2 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.89	4130188.63	0.18509	46.81	46.81	1.5	ANNUAL	SRCGP2	5	
594481.89	4130188.63	0.19357	46.84	46.84	1.5	ANNUAL	SRCGP2	5	
594501.89	4130188.63	0.21182	46.82	46.82	1.5	ANNUAL	SRCGP2	5	
594521.89	4130188.63	0.22755	46.7	46.7	1.5	ANNUAL	SRCGP2	5	
594541.89	4130188.63	0.24495	46.61	46.61	1.5	ANNUAL	SRCGP2	5	
594561.89	4130188.63	0.26444	46.45	46.45	1.5	ANNUAL	SRCGP2	5	
594421.89	4130208.63	0.18163	46.02	46.02	1.5	ANNUAL	SRCGP2	5	
594441.89	4130208.63	0.19427	46.01	46.01	1.5	ANNUAL	SRCGP2	5	
594461.89	4130208.63	0.20794	46.26	46.26	1.5	ANNUAL	SRCGP2	5	
594481.89	4130208.63	0.22344	46.32	46.32	1.5	ANNUAL	SRCGP2	5	
594501.89	4130208.63	0.23995	46.8	46.8	1.5	ANNUAL	SRCGP2	5	
594521.89	4130208.63	0.25933	46.82	46.82	1.5	ANNUAL	SRCGP2	5	
594541.89	4130208.63	0.27455	46.85	46.85	1.5	ANNUAL	SRCGP2	5	
594561.89	4130208.63	0.30614	46.7	46.7	1.5	ANNUAL	SRCGP2	5	
594581.89	4130208.63	0.33655	45.96	45.96	1.5	ANNUAL	SRCGP2	5	
594421.89	4130228.63	0.20181	46.01	46.01	1.5	ANNUAL	SRCGP2	5	
594441.89	4130228.63	0.21687	46.01	46.01	1.5	ANNUAL	SRCGP2	5	
594461.89	4130228.63	0.23376	46.01	46.01	1.5	ANNUAL	SRCGP2	5	
594481.89	4130228.63	0.25246	46.18	46.18	1.5	ANNUAL	SRCGP2	5	
594501.89	4130228.63	0.2734	46.42	46.42	1.5	ANNUAL	SRCGP2	5	
594521.89	4130228.63	0.29726	46.6	46.6	1.5	ANNUAL	SRCGP2	5	
594541.89	4130228.63	0.32449	46.75	46.75	1.5	ANNUAL	SRCGP2	5	
594561.89	4130228.63	0.35818	46.19	46.19	1.5	ANNUAL	SRCGP2	5	
594581.89	4130228.63	0.3976	45.57	45.57	1.5	ANNUAL	SRCGP2	5	
594421.89	4130248.63	0.22491	45.94	45.94	1.5	ANNUAL	SRCGP2	5	
594441.89	4130248.63	0.24291	45.94	45.94	1.5	ANNUAL	SRCGP2	5	
594461.89	4130248.63	0.26329	45.94	45.94	1.5	ANNUAL	SRCGP2	5	
594481.89	4130248.63	0.2864	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594501.89	4130248.63	0.3126	46.08	46.08	1.5	ANNUAL	SRCGP2	5	
594521.89	4130248.63	0.34281	46.15	46.15	1.5	ANNUAL	SRCGP2	5	
594561.89	4130248.63	0.42229	45.4	45.4	1.5	ANNUAL	SRCGP2	5	
594581.89	4130248.63	0.47318	45	45	1.5	ANNUAL	SRCGP2	5	
594421.89	4130268.63	0.25131	45.9	45.9	1.5	ANNUAL	SRCGP2	5	
594441.89	4130268.63	0.27283	45.93	45.93	1.5	ANNUAL	SRCGP2	5	
594461.89	4130268.63	0.2975	45.92	45.92	1.5	ANNUAL	SRCGP2	5	
594421.89	4130288.63	0.28142	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594441.89	4130288.63	0.30737	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594461.89	4130288.63	0.33732	45.95	45.95	1.5	ANNUAL	SRCGP2	5	
594421.89	4130308.63	0.31619	46	46	1.5	ANNUAL	SRCGP2	5	
594441.89	4130308.63	0.34739	46.04	46.04	1.5	ANNUAL	SRCGP2	5	
594461.89	4130308.63	0.38404	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594361.89	4130488.63	0.60649	42.59	42.59	1.5	ANNUAL	SRCGP2	5	
594381.89	4130488.63	0.67685	42.59	42.59	1.5	ANNUAL	SRCGP2	5	
594401.89	4130488.63	0.75863	42.5	42.5	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594261.22	4129769.7	0.02402	47.77	47.77	1.5	ANNUAL	SRCGP2	5	
594281.44	4129769.7	0.02421	47.78	47.78	1.5	ANNUAL	SRCGP2	5	
594301.66	4129769.7	0.02449	47.68	47.68	1.5	ANNUAL	SRCGP2	5	
594321.88	4129769.7	0.02483	47.73	47.73	1.5	ANNUAL	SRCGP2	5	
594342.1	4129769.7	0.02533	47.62	47.62	1.5	ANNUAL	SRCGP2	5	
594362.32	4129769.7	0.02593	47.63	47.63	1.5	ANNUAL	SRCGP2	5	
594382.54	4129769.7	0.0267	47.58	47.58	1.5	ANNUAL	SRCGP2	5	
594402.76	4129769.7	0.02771	47.37	47.37	1.5	ANNUAL	SRCGP2	5	
594422.98	4129769.7	0.02886	47.36	47.36	1.5	ANNUAL	SRCGP2	5	
594443.2	4129769.7	0.03028	47.21	47.21	1.5	ANNUAL	SRCGP2	5	
594261.22	4129789.7	0.02554	47.73	47.73	1.5	ANNUAL	SRCGP2	5	
594281.44	4129789.7	0.02572	47.63	47.63	1.5	ANNUAL	SRCGP2	5	
594301.66	4129789.7	0.02594	47.64	47.64	1.5	ANNUAL	SRCGP2	5	
594321.88	4129789.7	0.02621	47.78	47.78	1.5	ANNUAL	SRCGP2	5	
594342.1	4129789.7	0.02657	47.98	47.98	1.5	ANNUAL	SRCGP2	5	
594362.32	4129789.7	0.02727	47.46	47.46	1.5	ANNUAL	SRCGP2	5	
594382.54	4129789.7	0.028	47.4	47.4	1.5	ANNUAL	SRCGP2	5	
594402.76	4129789.7	0.02896	47.22	47.22	1.5	ANNUAL	SRCGP2	5	
594422.98	4129789.7	0.03008	47.19	47.19	1.5	ANNUAL	SRCGP2	5	
594443.2	4129789.7	0.03142	47.21	47.21	1.5	ANNUAL	SRCGP2	5	
594261.22	4129809.7	0.0272	47.82	47.82	1.5	ANNUAL	SRCGP2	5	
594281.44	4129809.7	0.02732	47.95	47.95	1.5	ANNUAL	SRCGP2	5	
594301.66	4129809.7	0.02755	47.8	47.8	1.5	ANNUAL	SRCGP2	5	
594321.88	4129809.7	0.02783	47.74	47.74	1.5	ANNUAL	SRCGP2	5	
594342.1	4129809.7	0.02817	47.82	47.82	1.5	ANNUAL	SRCGP2	5	
594362.32	4129809.7	0.02884	47.28	47.28	1.5	ANNUAL	SRCGP2	5	
594382.54	4129809.7	0.02943	47.48	47.48	1.5	ANNUAL	SRCGP2	5	
594402.76	4129809.7	0.03034	47.26	47.26	1.5	ANNUAL	SRCGP2	5	
594422.98	4129809.7	0.03133	47.45	47.45	1.5	ANNUAL	SRCGP2	5	
594443.2	4129809.7	0.03274	47.19	47.19	1.5	ANNUAL	SRCGP2	5	
594261.22	4129849.7	0.03125	47.39	47.39	1.5	ANNUAL	SRCGP2	5	
594281.44	4129849.7	0.0314	47.5	47.5	1.5	ANNUAL	SRCGP2	5	
594301.66	4129849.7	0.03157	47.62	47.62	1.5	ANNUAL	SRCGP2	5	
594321.88	4129849.7	0.03177	47.72	47.72	1.5	ANNUAL	SRCGP2	5	
594342.1	4129849.7	0.0321	47.64	47.64	1.5	ANNUAL	SRCGP2	5	
594362.32	4129849.7	0.03261	47.3	47.3	1.5	ANNUAL	SRCGP2	5	
594382.54	4129849.7	0.03317	47.25	47.25	1.5	ANNUAL	SRCGP2	5	
594402.76	4129849.7	0.03398	47.02	47.02	1.5	ANNUAL	SRCGP2	5	
594422.98	4129849.7	0.0349	47.06	47.06	1.5	ANNUAL	SRCGP2	5	
594443.2	4129849.7	0.03613	47.02	47.02	1.5	ANNUAL	SRCGP2	5	
594463.42	4129849.7	0.03767	46.96	46.96	1.5	ANNUAL	SRCGP2	5	
594483.64	4129849.7	0.03953	46.99	46.99	1.5	ANNUAL	SRCGP2	5	
594503.86	4129849.7	0.04185	46.95	46.95	1.5	ANNUAL	SRCGP2	5	
594524.08	4129849.7	0.04457	47	47	1.5	ANNUAL	SRCGP2	5	
594544.3	4129849.7	0.04777	47.1	47.1	1.5	ANNUAL	SRCGP2	5	
594564.52	4129849.7	0.05154	47.14	47.14	1.5	ANNUAL	SRCGP2	5	
594584.74	4129849.7	0.05584	47.25	47.25	1.5	ANNUAL	SRCGP2	5	
594604.96	4129849.7	0.06078	47.31	47.31	1.5	ANNUAL	SRCGP2	5	
594625.18	4129849.7	0.06635	47.4	47.4	1.5	ANNUAL	SRCGP2	5	
594261.22	4129869.7	0.03351	47.43	47.43	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594281.44	4129869.7	0.03379	47.21	47.21	1.5	ANNUAL	SRCGP2	5	
594301.66	4129869.7	0.03393	47.6	47.6	1.5	ANNUAL	SRCGP2	5	
594321.88	4129869.7	0.03424	47.4	47.4	1.5	ANNUAL	SRCGP2	5	
594342.1	4129869.7	0.03449	47.54	47.54	1.5	ANNUAL	SRCGP2	5	
594362.32	4129869.7	0.0349	47.44	47.44	1.5	ANNUAL	SRCGP2	5	
594382.54	4129869.7	0.03548	47.21	47.21	1.5	ANNUAL	SRCGP2	5	
594402.76	4129869.7	0.0362	47.06	47.06	1.5	ANNUAL	SRCGP2	5	
594422.98	4129869.7	0.03709	47.03	47.03	1.5	ANNUAL	SRCGP2	5	
594443.2	4129869.7	0.03829	46.88	46.88	1.5	ANNUAL	SRCGP2	5	
594463.42	4129869.7	0.03973	46.93	46.93	1.5	ANNUAL	SRCGP2	5	
594483.64	4129869.7	0.04156	46.92	46.92	1.5	ANNUAL	SRCGP2	5	
594503.86	4129869.7	0.04383	46.94	46.94	1.5	ANNUAL	SRCGP2	5	
594524.08	4129869.7	0.04658	46.98	46.98	1.5	ANNUAL	SRCGP2	5	
594544.3	4129869.7	0.04991	47	47	1.5	ANNUAL	SRCGP2	5	
594564.52	4129869.7	0.05379	47.08	47.08	1.5	ANNUAL	SRCGP2	5	
594584.74	4129869.7	0.05832	47.18	47.18	1.5	ANNUAL	SRCGP2	5	
594604.96	4129869.7	0.06354	47.27	47.27	1.5	ANNUAL	SRCGP2	5	
594625.18	4129869.7	0.06965	47.16	47.16	1.5	ANNUAL	SRCGP2	5	
594261.22	4129889.7	0.03604	47.16	47.16	1.5	ANNUAL	SRCGP2	5	
594281.44	4129889.7	0.03636	47.13	47.13	1.5	ANNUAL	SRCGP2	5	
594301.66	4129889.7	0.03663	47.25	47.25	1.5	ANNUAL	SRCGP2	5	
594321.88	4129889.7	0.03699	47.06	47.06	1.5	ANNUAL	SRCGP2	5	
594342.1	4129889.7	0.03732	47.1	47.1	1.5	ANNUAL	SRCGP2	5	
594362.32	4129889.7	0.0377	47.13	47.13	1.5	ANNUAL	SRCGP2	5	
594382.54	4129889.7	0.03821	47.05	47.05	1.5	ANNUAL	SRCGP2	5	
594402.76	4129889.7	0.03885	47	47	1.5	ANNUAL	SRCGP2	5	
594422.98	4129889.7	0.03966	46.99	46.99	1.5	ANNUAL	SRCGP2	5	
594443.2	4129889.7	0.04305	46.79	46.79	1.5	ANNUAL	SRCGP2	5	
594463.42	4129889.7	0.04459	46.73	46.73	1.5	ANNUAL	SRCGP2	5	
594483.64	4129889.7	0.04645	46.79	46.79	1.5	ANNUAL	SRCGP2	5	
594503.86	4129889.7	0.04876	46.75	46.75	1.5	ANNUAL	SRCGP2	5	
594524.08	4129889.7	0.04894	46.9	46.9	1.5	ANNUAL	SRCGP2	5	
594544.3	4129889.7	0.05233	46.89	46.89	1.5	ANNUAL	SRCGP2	5	
594564.52	4129889.7	0.05628	47.07	47.07	1.5	ANNUAL	SRCGP2	5	
594584.74	4129889.7	0.0609	47.34	47.34	1.5	ANNUAL	SRCGP2	5	
594301.66	4129929.7	0.04269	47.08	47.08	1.5	ANNUAL	SRCGP2	5	
594321.88	4129929.7	0.04321	47.08	47.08	1.5	ANNUAL	SRCGP2	5	
594342.1	4129929.7	0.04366	47.21	47.21	1.5	ANNUAL	SRCGP2	5	
594362.32	4129929.7	0.04423	47.03	47.03	1.5	ANNUAL	SRCGP2	5	
594422.98	4129929.7	0.04623	46.87	46.87	1.5	ANNUAL	SRCGP2	5	
594443.2	4129929.7	0.0472	46.84	46.84	1.5	ANNUAL	SRCGP2	5	
594301.66	4129949.7	0.04609	47.11	47.11	1.5	ANNUAL	SRCGP2	5	
594321.88	4129949.7	0.04678	47.07	47.07	1.5	ANNUAL	SRCGP2	5	
594342.1	4129949.7	0.04741	47.14	47.14	1.5	ANNUAL	SRCGP2	5	
594362.32	4129949.7	0.04809	47.01	47.01	1.5	ANNUAL	SRCGP2	5	
594402.76	4129949.7	0.04951	46.87	46.87	1.5	ANNUAL	SRCGP2	5	
594422.98	4129949.7	0.05229	46.83	46.83	1.5	ANNUAL	SRCGP2	5	
594443.2	4129949.7	0.05355	46.82	46.82	1.5	ANNUAL	SRCGP2	5	
594463.42	4129949.7	0.05245	46.88	46.88	1.5	ANNUAL	SRCGP2	5	
594402.76	4129969.7	0.05409	46.88	46.88	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594422.98	4129969.7	0.0569	46.81	46.81	1.5	ANNUAL	SRCGP2	5	
594443.2	4129969.7	0.05601	46.87	46.87	1.5	ANNUAL	SRCGP2	5	
594463.42	4129969.7	0.05719	46.91	46.91	1.5	ANNUAL	SRCGP2	5	
594261.22	4129989.7	0.05141	46.96	46.96	1.5	ANNUAL	SRCGP2	5	
594281.44	4129989.7	0.05262	46.88	46.88	1.5	ANNUAL	SRCGP2	5	
594301.66	4129989.7	0.05453	46.76	46.76	1.5	ANNUAL	SRCGP2	5	
594321.88	4129989.7	0.05575	46.79	46.79	1.5	ANNUAL	SRCGP2	5	
594342.1	4129989.7	0.05702	46.63	46.63	1.5	ANNUAL	SRCGP2	5	
594362.32	4129989.7	0.05829	46.54	46.54	1.5	ANNUAL	SRCGP2	5	
594422.98	4129989.7	0.06217	46.79	46.79	1.5	ANNUAL	SRCGP2	5	
594443.2	4129989.7	0.06365	46.8	46.8	1.5	ANNUAL	SRCGP2	5	
594463.42	4129989.7	0.06281	46.86	46.86	1.5	ANNUAL	SRCGP2	5	
594342.1	4130009.7	0.0619	46.52	46.52	1.5	ANNUAL	SRCGP2	5	
594362.32	4130009.7	0.06344	46.52	46.52	1.5	ANNUAL	SRCGP2	5	
594382.54	4130009.7	0.06504	46.4	46.4	1.5	ANNUAL	SRCGP2	5	
594422.98	4130009.7	0.06832	46.3	46.3	1.5	ANNUAL	SRCGP2	5	
594342.1	4130029.7	0.06734	46.06	46.06	1.5	ANNUAL	SRCGP2	5	
594362.32	4130029.7	0.06925	46.03	46.03	1.5	ANNUAL	SRCGP2	5	
594382.54	4130029.7	0.07116	46.1	46.1	1.5	ANNUAL	SRCGP2	5	
594422.98	4130029.7	0.07514	46.15	46.15	1.5	ANNUAL	SRCGP2	5	
594321.88	4130049.7	0.07083	46.11	46.11	1.5	ANNUAL	SRCGP2	5	
594342.1	4130049.7	0.0731	46.08	46.08	1.5	ANNUAL	SRCGP2	5	
594362.32	4130049.7	0.07545	46.02	46.02	1.5	ANNUAL	SRCGP2	5	
594382.54	4130049.7	0.07779	46.14	46.14	1.5	ANNUAL	SRCGP2	5	
594422.98	4130049.7	0.08269	46.25	46.25	1.5	ANNUAL	SRCGP2	5	
594443.2	4130049.7	0.08523	46.34	46.34	1.5	ANNUAL	SRCGP2	5	
594463.42	4130049.7	0.08791	46.36	46.36	1.5	ANNUAL	SRCGP2	5	
594443.2	4130089.7	0.10476	45.91	45.91	1.5	ANNUAL	SRCGP2	5	
594463.42	4130089.7	0.10888	46.05	46.05	1.5	ANNUAL	SRCGP2	5	
594321.88	4130109.7	0.08961	46.22	46.22	1.5	ANNUAL	SRCGP2	5	
594342.1	4130109.7	0.09344	46.15	46.15	1.5	ANNUAL	SRCGP2	5	
594362.32	4130109.7	0.09766	45.72	45.72	1.5	ANNUAL	SRCGP2	5	
594402.76	4130109.7	0.10641	45.82	45.82	1.5	ANNUAL	SRCGP2	5	
594422.98	4130109.7	0.11105	46.03	46.03	1.5	ANNUAL	SRCGP2	5	
594443.2	4130109.7	0.11609	45.98	45.98	1.5	ANNUAL	SRCGP2	5	
594463.42	4130109.7	0.12134	46.01	46.01	1.5	ANNUAL	SRCGP2	5	
594321.88	4130129.7	0.09713	45.91	45.91	1.5	ANNUAL	SRCGP2	5	
594342.1	4130129.7	0.10162	45.82	45.82	1.5	ANNUAL	SRCGP2	5	
594362.32	4130129.7	0.10655	45.47	45.47	1.5	ANNUAL	SRCGP2	5	
594402.76	4130129.7	0.11668	46.12	46.12	1.5	ANNUAL	SRCGP2	5	
594422.98	4130129.7	0.12231	46.34	46.34	1.5	ANNUAL	SRCGP2	5	
594443.2	4130129.7	0.1287	46.02	46.02	1.5	ANNUAL	SRCGP2	5	
594463.42	4130129.7	0.13539	45.86	45.86	1.5	ANNUAL	SRCGP2	5	
594321.88	4130149.7	0.10537	45.64	45.64	1.5	ANNUAL	SRCGP2	5	
594342.1	4130149.7	0.11058	45.56	45.56	1.5	ANNUAL	SRCGP2	5	
594362.32	4130149.7	0.11625	45.36	45.36	1.5	ANNUAL	SRCGP2	5	
594422.98	4130149.7	0.13471	46.7	46.7	1.5	ANNUAL	SRCGP2	5	
594443.2	4130149.7	0.14248	46.34	46.34	1.5	ANNUAL	SRCGP2	5	
594463.42	4130149.7	0.15063	46.24	46.24	1.5	ANNUAL	SRCGP2	5	
594483.64	4130149.7	0.15947	46.1	46.1	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594503.86	4130149.7	0.16894	46.02	46.02	1.5	ANNUAL	SRCGP2	5	
594524.08	4130149.7	0.17896	46.08	46.08	1.5	ANNUAL	SRCGP2	5	
594544.3	4130149.7	0.19003	45.96	45.96	1.5	ANNUAL	SRCGP2	5	
594564.52	4130149.7	0.20233	45.71	45.71	1.5	ANNUAL	SRCGP2	5	
594584.74	4130149.7	0.21568	45.58	45.58	1.5	ANNUAL	SRCGP2	5	
594301.66	4130169.7	0.1089	45.46	45.46	1.5	ANNUAL	SRCGP2	5	
594321.88	4130169.7	0.11446	45.36	45.36	1.5	ANNUAL	SRCGP2	5	
594342.1	4130169.7	0.12043	45.38	45.38	1.5	ANNUAL	SRCGP2	5	
594362.32	4130169.7	0.12688	45.44	45.44	1.5	ANNUAL	SRCGP2	5	
594422.98	4130169.7	0.14569	46.88	46.88	1.5	ANNUAL	SRCGP2	5	
594443.2	4130169.7	0.15773	46.77	46.77	1.5	ANNUAL	SRCGP2	5	
594463.42	4130169.7	0.16757	46.72	46.72	1.5	ANNUAL	SRCGP2	5	
594483.64	4130169.7	0.17832	46.67	46.67	1.5	ANNUAL	SRCGP2	5	
594503.86	4130169.7	0.19022	46.51	46.51	1.5	ANNUAL	SRCGP2	5	
594524.08	4130169.7	0.20314	46.41	46.41	1.5	ANNUAL	SRCGP2	5	
594544.3	4130169.7	0.21738	46.26	46.26	1.5	ANNUAL	SRCGP2	5	
594564.52	4130169.7	0.2335	45.88	45.88	1.5	ANNUAL	SRCGP2	5	
594790.33	4129651.74	0.08639	49.15	49.15	1.5	ANNUAL	SRCGP2	5	
594810.33	4129651.74	0.09467	49.15	49.15	1.5	ANNUAL	SRCGP2	5	
594830.33	4129651.74	0.10362	49.14	49.14	1.5	ANNUAL	SRCGP2	5	
594850.33	4129651.74	0.11311	49.18	49.18	1.5	ANNUAL	SRCGP2	5	
594870.33	4129651.74	0.12318	49.15	49.15	1.5	ANNUAL	SRCGP2	5	
594890.33	4129651.74	0.13392	48.97	48.97	1.5	ANNUAL	SRCGP2	5	
594910.33	4129651.74	0.14496	48.87	48.87	1.5	ANNUAL	SRCGP2	5	
594930.33	4129651.74	0.15632	48.81	48.81	1.5	ANNUAL	SRCGP2	5	
594950.33	4129651.74	0.16831	48.63	48.63	1.5	ANNUAL	SRCGP2	5	
594970.33	4129651.74	0.18071	48.49	48.49	1.5	ANNUAL	SRCGP2	5	
594990.33	4129651.74	0.19384	48.3	48.3	1.5	ANNUAL	SRCGP2	5	
595010.33	4129651.74	0.2079	48.05	48.05	1.5	ANNUAL	SRCGP2	5	
595030.33	4129651.74	0.22302	47.79	47.79	1.5	ANNUAL	SRCGP2	5	
595050.33	4129651.74	0.23815	47.99	47.99	1.5	ANNUAL	SRCGP2	5	
595070.33	4129651.74	0.25708	47.33	47.33	1.5	ANNUAL	SRCGP2	5	
595090.33	4129651.74	0.27564	47.35	47.35	1.5	ANNUAL	SRCGP2	5	
594790.33	4129671.74	0.0912	48.86	48.86	1.5	ANNUAL	SRCGP2	5	
594810.33	4129671.74	0.10011	48.93	48.93	1.5	ANNUAL	SRCGP2	5	
594830.33	4129671.74	0.10973	49.02	49.02	1.5	ANNUAL	SRCGP2	5	
594850.33	4129671.74	0.12019	48.97	48.97	1.5	ANNUAL	SRCGP2	5	
594870.33	4129671.74	0.13123	48.92	48.92	1.5	ANNUAL	SRCGP2	5	
594890.33	4129671.74	0.14267	48.94	48.94	1.5	ANNUAL	SRCGP2	5	
594910.33	4129671.74	0.15476	48.84	48.84	1.5	ANNUAL	SRCGP2	5	
594930.33	4129671.74	0.16746	48.65	48.65	1.5	ANNUAL	SRCGP2	5	
594950.33	4129671.74	0.18056	48.52	48.52	1.5	ANNUAL	SRCGP2	5	
594970.33	4129671.74	0.1942	48.41	48.41	1.5	ANNUAL	SRCGP2	5	
594990.33	4129671.74	0.20885	48.18	48.18	1.5	ANNUAL	SRCGP2	5	
595010.33	4129671.74	0.22477	47.83	47.83	1.5	ANNUAL	SRCGP2	5	
595030.33	4129671.74	0.24141	47.69	47.69	1.5	ANNUAL	SRCGP2	5	
595050.33	4129671.74	0.25908	47.68	47.68	1.5	ANNUAL	SRCGP2	5	
595090.33	4129671.74	0.30034	47.36	47.36	1.5	ANNUAL	SRCGP2	5	
594790.33	4129691.74	0.09629	48.71	48.71	1.5	ANNUAL	SRCGP2	5	
594810.33	4129691.74	0.10598	48.78	48.78	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594830.33	4129691.74	0.11666	48.73	48.73	1.5	ANNUAL	SRCGP2	5	
594850.33	4129691.74	0.12817	48.64	48.64	1.5	ANNUAL	SRCGP2	5	
594870.33	4129691.74	0.14022	48.64	48.64	1.5	ANNUAL	SRCGP2	5	
594890.33	4129691.74	0.15273	48.7	48.7	1.5	ANNUAL	SRCGP2	5	
594910.33	4129691.74	0.16613	48.55	48.55	1.5	ANNUAL	SRCGP2	5	
594930.33	4129691.74	0.17994	48.46	48.46	1.5	ANNUAL	SRCGP2	5	
594950.33	4129691.74	0.19469	48.21	48.21	1.5	ANNUAL	SRCGP2	5	
594970.33	4129691.74	0.20997	48.05	48.05	1.5	ANNUAL	SRCGP2	5	
594990.33	4129691.74	0.22573	48.06	48.06	1.5	ANNUAL	SRCGP2	5	
595010.33	4129691.74	0.24332	47.8	47.8	1.5	ANNUAL	SRCGP2	5	
595050.33	4129691.74	0.28248	47.51	47.51	1.5	ANNUAL	SRCGP2	5	
595070.33	4129691.74	0.30438	47.48	47.48	1.5	ANNUAL	SRCGP2	5	
595090.33	4129691.74	0.3291	47.23	47.23	1.5	ANNUAL	SRCGP2	5	
594790.33	4129711.74	0.10211	48.36	48.36	1.5	ANNUAL	SRCGP2	5	
594810.33	4129711.74	0.11272	48.42	48.42	1.5	ANNUAL	SRCGP2	5	
594830.33	4129711.74	0.12421	48.52	48.52	1.5	ANNUAL	SRCGP2	5	
594850.33	4129711.74	0.13706	48.29	48.29	1.5	ANNUAL	SRCGP2	5	
594870.33	4129711.74	0.15029	48.31	48.31	1.5	ANNUAL	SRCGP2	5	
594890.33	4129711.74	0.16382	48.53	48.53	1.5	ANNUAL	SRCGP2	5	
594910.33	4129711.74	0.1785	48.43	48.43	1.5	ANNUAL	SRCGP2	5	
594930.33	4129711.74	0.19394	48.27	48.27	1.5	ANNUAL	SRCGP2	5	
595050.33	4129711.74	0.30871	47.48	47.48	1.5	ANNUAL	SRCGP2	5	
595070.33	4129711.74	0.33384	47.39	47.39	1.5	ANNUAL	SRCGP2	5	
595090.33	4129711.74	0.36177	47.17	47.17	1.5	ANNUAL	SRCGP2	5	
595130.33	4129711.74	0.43748	46.45	46.45	1.5	ANNUAL	SRCGP2	5	
595150.33	4129711.74	0.47038	46.11	46.11	1.5	ANNUAL	SRCGP2	5	
595170.33	4129711.74	0.50352	45.84	45.84	1.5	ANNUAL	SRCGP2	5	
594790.33	4129731.74	0.10841	48.09	48.09	1.5	ANNUAL	SRCGP2	5	
594810.33	4129731.74	0.11989	48.25	48.25	1.5	ANNUAL	SRCGP2	5	
594830.33	4129731.74	0.1325	48.35	48.35	1.5	ANNUAL	SRCGP2	5	
594850.33	4129731.74	0.14629	48.33	48.33	1.5	ANNUAL	SRCGP2	5	
594870.33	4129731.74	0.16101	48.27	48.27	1.5	ANNUAL	SRCGP2	5	
594890.33	4129731.74	0.1764	48.27	48.27	1.5	ANNUAL	SRCGP2	5	
594910.33	4129731.74	0.19255	48.23	48.23	1.5	ANNUAL	SRCGP2	5	
594930.33	4129731.74	0.20993	47.98	47.98	1.5	ANNUAL	SRCGP2	5	
594950.33	4129731.74	0.22776	47.9	47.9	1.5	ANNUAL	SRCGP2	5	
594970.33	4129731.74	0.24668	47.8	47.8	1.5	ANNUAL	SRCGP2	5	
594990.33	4129731.74	0.26681	47.74	47.74	1.5	ANNUAL	SRCGP2	5	
595010.33	4129731.74	0.28849	47.7	47.7	1.5	ANNUAL	SRCGP2	5	
595050.33	4129731.74	0.33975	47.24	47.24	1.5	ANNUAL	SRCGP2	5	
595070.33	4129731.74	0.36796	47.26	47.26	1.5	ANNUAL	SRCGP2	5	
595090.33	4129731.74	0.39893	47.2	47.2	1.5	ANNUAL	SRCGP2	5	
595130.33	4129731.74	0.4838	46.39	46.39	1.5	ANNUAL	SRCGP2	5	
595150.33	4129731.74	0.5208	45.88	45.88	1.5	ANNUAL	SRCGP2	5	
595210.33	4129731.74	0.62525	45.68	45.68	1.5	ANNUAL	SRCGP2	5	
595230.33	4129731.74	0.65696	45.67	45.67	1.5	ANNUAL	SRCGP2	5	
595270.33	4129731.74	0.71487	45.17	45.17	1.5	ANNUAL	SRCGP2	5	
595290.33	4129731.74	0.73945	44.96	44.96	1.5	ANNUAL	SRCGP2	5	
594470.33	4129751.74	0.03147	47.62	47.62	1.5	ANNUAL	SRCGP2	5	
594490.33	4129751.74	0.03337	47.72	47.72	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594510.33	4129751.74	0.03554	47.78	47.78	1.5	ANNUAL	SRCGP2	5	
594530.33	4129751.74	0.03799	47.86	47.86	1.5	ANNUAL	SRCGP2	5	
594550.33	4129751.74	0.04084	47.58	47.58	1.5	ANNUAL	SRCGP2	5	
594570.33	4129751.74	0.04387	47.65	47.65	1.5	ANNUAL	SRCGP2	5	
594590.33	4129751.74	0.04722	47.72	47.72	1.5	ANNUAL	SRCGP2	5	
594790.33	4129751.74	0.11521	47.91	47.91	1.5	ANNUAL	SRCGP2	5	
594810.33	4129751.74	0.12792	48.01	48.01	1.5	ANNUAL	SRCGP2	5	
594830.33	4129751.74	0.14186	48.09	48.09	1.5	ANNUAL	SRCGP2	5	
594850.33	4129751.74	0.15727	47.99	47.99	1.5	ANNUAL	SRCGP2	5	
594870.33	4129751.74	0.17318	48.14	48.14	1.5	ANNUAL	SRCGP2	5	
594890.33	4129751.74	0.19011	48.2	48.2	1.5	ANNUAL	SRCGP2	5	
594910.33	4129751.74	0.20816	48.12	48.12	1.5	ANNUAL	SRCGP2	5	
594930.33	4129751.74	0.2272	48	48	1.5	ANNUAL	SRCGP2	5	
594950.33	4129751.74	0.24709	47.94	47.94	1.5	ANNUAL	SRCGP2	5	
594970.33	4129751.74	0.26819	47.89	47.89	1.5	ANNUAL	SRCGP2	5	
594990.33	4129751.74	0.2912	47.75	47.75	1.5	ANNUAL	SRCGP2	5	
595010.33	4129751.74	0.31664	47.52	47.52	1.5	ANNUAL	SRCGP2	5	
595050.33	4129751.74	0.37525	47.09	47.09	1.5	ANNUAL	SRCGP2	5	
595070.33	4129751.74	0.40784	47.06	47.06	1.5	ANNUAL	SRCGP2	5	
595090.33	4129751.74	0.44346	46.95	46.95	1.5	ANNUAL	SRCGP2	5	
595170.33	4129751.74	0.61691	45.71	45.71	1.5	ANNUAL	SRCGP2	5	
595190.33	4129751.74	0.65439	45.71	45.71	1.5	ANNUAL	SRCGP2	5	
595210.33	4129751.74	0.69022	45.65	45.65	1.5	ANNUAL	SRCGP2	5	
595230.33	4129751.74	0.72332	45.65	45.65	1.5	ANNUAL	SRCGP2	5	
595270.33	4129751.74	0.78178	45.33	45.33	1.5	ANNUAL	SRCGP2	5	
595290.33	4129751.74	0.80655	45.04	45.04	1.5	ANNUAL	SRCGP2	5	
594470.33	4129771.74	0.03263	47.2	47.2	1.5	ANNUAL	SRCGP2	5	
594490.33	4129771.74	0.03446	47.61	47.61	1.5	ANNUAL	SRCGP2	5	
594510.33	4129771.74	0.03681	47.36	47.36	1.5	ANNUAL	SRCGP2	5	
594530.33	4129771.74	0.03931	47.53	47.53	1.5	ANNUAL	SRCGP2	5	
594550.33	4129771.74	0.04229	47.29	47.29	1.5	ANNUAL	SRCGP2	5	
594570.33	4129771.74	0.04545	47.46	47.46	1.5	ANNUAL	SRCGP2	5	
594590.33	4129771.74	0.04899	47.57	47.57	1.5	ANNUAL	SRCGP2	5	
594790.33	4129771.74	0.12259	47.83	47.83	1.5	ANNUAL	SRCGP2	5	
594810.33	4129771.74	0.13644	48.01	48.01	1.5	ANNUAL	SRCGP2	5	
594830.33	4129771.74	0.15195	48.02	48.02	1.5	ANNUAL	SRCGP2	5	
594850.33	4129771.74	0.16851	48.17	48.17	1.5	ANNUAL	SRCGP2	5	
594870.33	4129771.74	0.18687	48	48	1.5	ANNUAL	SRCGP2	5	
594890.33	4129771.74	0.20583	48.02	48.02	1.5	ANNUAL	SRCGP2	5	
594910.33	4129771.74	0.22739	47.42	47.42	1.5	ANNUAL	SRCGP2	5	
594930.33	4129771.74	0.24899	47.27	47.27	1.5	ANNUAL	SRCGP2	5	
594950.33	4129771.74	0.27121	47.33	47.33	1.5	ANNUAL	SRCGP2	5	
594970.33	4129771.74	0.29525	47.3	47.3	1.5	ANNUAL	SRCGP2	5	
594990.33	4129771.74	0.32051	47.45	47.45	1.5	ANNUAL	SRCGP2	5	
595010.33	4129771.74	0.34911	47.36	47.36	1.5	ANNUAL	SRCGP2	5	
595050.33	4129771.74	0.41608	47.02	47.02	1.5	ANNUAL	SRCGP2	5	
595070.33	4129771.74	0.45389	46.92	46.92	1.5	ANNUAL	SRCGP2	5	
595090.33	4129771.74	0.49361	46.95	46.95	1.5	ANNUAL	SRCGP2	5	
595170.33	4129771.74	0.68533	45.71	45.71	1.5	ANNUAL	SRCGP2	5	
595190.33	4129771.74	0.72559	45.67	45.67	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595230.33	4129771.74	0.79752	45.62	45.62	1.5	ANNUAL	SRCGP2	5	
595250.33	4129771.74	0.82771	45.71	45.71	1.5	ANNUAL	SRCGP2	5	
595270.33	4129771.74	0.85527	45.55	45.55	1.5	ANNUAL	SRCGP2	5	
595290.33	4129771.74	0.87984	45.19	45.19	1.5	ANNUAL	SRCGP2	5	
594470.33	4129791.74	0.03379	47.17	47.17	1.5	ANNUAL	SRCGP2	5	
594490.33	4129791.74	0.03584	47.06	47.06	1.5	ANNUAL	SRCGP2	5	
594510.33	4129791.74	0.03813	47.13	47.13	1.5	ANNUAL	SRCGP2	5	
594530.33	4129791.74	0.04079	47.12	47.12	1.5	ANNUAL	SRCGP2	5	
594550.33	4129791.74	0.04371	47.37	47.37	1.5	ANNUAL	SRCGP2	5	
594570.33	4129791.74	0.04717	47.24	47.24	1.5	ANNUAL	SRCGP2	5	
594590.33	4129791.74	0.05097	47.24	47.24	1.5	ANNUAL	SRCGP2	5	
594610.33	4129791.74	0.05513	47.37	47.37	1.5	ANNUAL	SRCGP2	5	
594790.33	4129791.74	0.13061	47.83	47.83	1.5	ANNUAL	SRCGP2	5	
594810.33	4129791.74	0.14579	48.06	48.06	1.5	ANNUAL	SRCGP2	5	
594830.33	4129791.74	0.16304	48.04	48.04	1.5	ANNUAL	SRCGP2	5	
594850.33	4129791.74	0.18231	47.82	47.82	1.5	ANNUAL	SRCGP2	5	
594870.33	4129791.74	0.20211	47.94	47.94	1.5	ANNUAL	SRCGP2	5	
594890.33	4129791.74	0.22365	47.84	47.84	1.5	ANNUAL	SRCGP2	5	
594930.33	4129791.74	0.27171	47.26	47.26	1.5	ANNUAL	SRCGP2	5	
594950.33	4129791.74	0.29675	47.35	47.35	1.5	ANNUAL	SRCGP2	5	
594970.33	4129791.74	0.32418	47.3	47.3	1.5	ANNUAL	SRCGP2	5	
594990.33	4129791.74	0.35476	47.1	47.1	1.5	ANNUAL	SRCGP2	5	
595010.33	4129791.74	0.38847	46.9	46.9	1.5	ANNUAL	SRCGP2	5	
595050.33	4129791.74	0.46435	46.86	46.86	1.5	ANNUAL	SRCGP2	5	
595070.33	4129791.74	0.52519	46.79	46.79	1.5	ANNUAL	SRCGP2	5	
595090.33	4129791.74	0.57146	46.69	46.69	1.5	ANNUAL	SRCGP2	5	
595190.33	4129791.74	0.80585	45.69	45.69	1.5	ANNUAL	SRCGP2	5	
595210.33	4129791.74	0.84499	45.67	45.67	1.5	ANNUAL	SRCGP2	5	
595230.33	4129791.74	0.87991	45.68	45.68	1.5	ANNUAL	SRCGP2	5	
595250.33	4129791.74	0.9107	45.65	45.65	1.5	ANNUAL	SRCGP2	5	
595270.33	4129791.74	0.93863	45.31	45.31	1.5	ANNUAL	SRCGP2	5	
595290.33	4129791.74	0.96205	44.96	44.96	1.5	ANNUAL	SRCGP2	5	
595310.33	4129791.74	0.97902	45	45	1.5	ANNUAL	SRCGP2	5	
595330.33	4129791.74	0.99282	44.84	44.84	1.5	ANNUAL	SRCGP2	5	
594470.33	4129811.74	0.03515	47.07	47.07	1.5	ANNUAL	SRCGP2	5	
594490.33	4129811.74	0.03722	46.93	46.93	1.5	ANNUAL	SRCGP2	5	
594510.33	4129811.74	0.03951	47.1	47.1	1.5	ANNUAL	SRCGP2	5	
594530.33	4129811.74	0.04227	47.07	47.07	1.5	ANNUAL	SRCGP2	5	
594550.33	4129811.74	0.04532	47.3	47.3	1.5	ANNUAL	SRCGP2	5	
594570.33	4129811.74	0.04891	47.27	47.27	1.5	ANNUAL	SRCGP2	5	
594590.33	4129811.74	0.05286	47.43	47.43	1.5	ANNUAL	SRCGP2	5	
594610.33	4129811.74	0.05739	47.37	47.37	1.5	ANNUAL	SRCGP2	5	
594790.33	4129811.74	0.1399	47.62	47.62	1.5	ANNUAL	SRCGP2	5	
594810.33	4129811.74	0.15692	47.77	47.77	1.5	ANNUAL	SRCGP2	5	
594830.33	4129811.74	0.17608	47.8	47.8	1.5	ANNUAL	SRCGP2	5	
594850.33	4129811.74	0.19768	47.57	47.57	1.5	ANNUAL	SRCGP2	5	
594870.33	4129811.74	0.22014	47.61	47.61	1.5	ANNUAL	SRCGP2	5	
594890.33	4129811.74	0.24417	47.6	47.6	1.5	ANNUAL	SRCGP2	5	
594950.33	4129811.74	0.32664	47.26	47.26	1.5	ANNUAL	SRCGP2	5	
594970.33	4129811.74	0.358	47.24	47.24	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.33	4129811.74	0.39412	46.89	46.89	1.5	ANNUAL	SRCGP2	5	
595010.33	4129811.74	0.44829	46.8	46.8	1.5	ANNUAL	SRCGP2	5	
595050.33	4129811.74	0.5393	46.75	46.75	1.5	ANNUAL	SRCGP2	5	
595070.33	4129811.74	0.58972	46.65	46.65	1.5	ANNUAL	SRCGP2	5	
595090.33	4129811.74	0.64195	46.6	46.6	1.5	ANNUAL	SRCGP2	5	
595190.33	4129811.74	0.89683	45.68	45.68	1.5	ANNUAL	SRCGP2	5	
595210.33	4129811.74	0.93705	45.67	45.67	1.5	ANNUAL	SRCGP2	5	
595250.33	4129811.74	1.00573	45.08	45.08	1.5	ANNUAL	SRCGP2	5	
595270.33	4129811.74	1.0303	45.11	45.11	1.5	ANNUAL	SRCGP2	5	
595310.33	4129811.74	1.06536	44.98	44.98	1.5	ANNUAL	SRCGP2	5	
595350.33	4129811.74	1.083	44.65	44.65	1.5	ANNUAL	SRCGP2	5	
594790.33	4129831.74	0.14996	47.56	47.56	1.5	ANNUAL	SRCGP2	5	
594810.33	4129831.74	0.16893	47.71	47.71	1.5	ANNUAL	SRCGP2	5	
594830.33	4129831.74	0.1903	47.77	47.77	1.5	ANNUAL	SRCGP2	5	
594850.33	4129831.74	0.21479	47.45	47.45	1.5	ANNUAL	SRCGP2	5	
594870.33	4129831.74	0.23984	47.58	47.58	1.5	ANNUAL	SRCGP2	5	
594890.33	4129831.74	0.26732	47.48	47.48	1.5	ANNUAL	SRCGP2	5	
594950.33	4129831.74	0.36066	47.32	47.32	1.5	ANNUAL	SRCGP2	5	
594970.33	4129831.74	0.39722	47.23	47.23	1.5	ANNUAL	SRCGP2	5	
594990.33	4129831.74	0.45572	46.71	46.71	1.5	ANNUAL	SRCGP2	5	
595010.33	4129831.74	0.50256	46.66	46.66	1.5	ANNUAL	SRCGP2	5	
595050.33	4129831.74	0.60817	46.55	46.55	1.5	ANNUAL	SRCGP2	5	
595070.33	4129831.74	0.66588	46.46	46.46	1.5	ANNUAL	SRCGP2	5	
595090.33	4129831.74	0.72495	46.43	46.43	1.5	ANNUAL	SRCGP2	5	
595270.33	4129831.74	1.13072	44.97	44.97	1.5	ANNUAL	SRCGP2	5	
595310.33	4129831.74	1.15957	44.84	44.84	1.5	ANNUAL	SRCGP2	5	
595330.33	4129831.74	1.16609	44.79	44.79	1.5	ANNUAL	SRCGP2	5	
595350.33	4129831.74	1.16825	44.68	44.68	1.5	ANNUAL	SRCGP2	5	
594790.33	4129851.74	0.16102	47.59	47.59	1.5	ANNUAL	SRCGP2	5	
594810.33	4129851.74	0.18221	47.75	47.75	1.5	ANNUAL	SRCGP2	5	
594830.33	4129851.74	0.20738	47.4	47.4	1.5	ANNUAL	SRCGP2	5	
594850.33	4129851.74	0.23453	47.26	47.26	1.5	ANNUAL	SRCGP2	5	
594870.33	4129851.74	0.26376	47.17	47.17	1.5	ANNUAL	SRCGP2	5	
594890.33	4129851.74	0.29447	47.24	47.24	1.5	ANNUAL	SRCGP2	5	
594950.33	4129851.74	0.40195	47.11	47.11	1.5	ANNUAL	SRCGP2	5	
594970.33	4129851.74	0.44565	46.87	46.87	1.5	ANNUAL	SRCGP2	5	
594990.33	4129851.74	0.51226	46.56	46.56	1.5	ANNUAL	SRCGP2	5	
595010.33	4129851.74	0.56656	46.6	46.6	1.5	ANNUAL	SRCGP2	5	
595050.33	4129851.74	0.68932	46.44	46.44	1.5	ANNUAL	SRCGP2	5	
595070.33	4129851.74	0.75557	46.32	46.32	1.5	ANNUAL	SRCGP2	5	
595090.33	4129851.74	0.82214	46.32	46.32	1.5	ANNUAL	SRCGP2	5	
595290.33	4129851.74	1.25241	44.98	44.98	1.5	ANNUAL	SRCGP2	5	
595310.33	4129851.74	1.26005	44.85	44.85	1.5	ANNUAL	SRCGP2	5	
595330.33	4129851.74	1.2613	44.84	44.84	1.5	ANNUAL	SRCGP2	5	
594790.33	4129911.74	0.21399	46.78	46.78	1.5	ANNUAL	SRCGP2	5	
594810.33	4129911.74	0.23626	47.19	47.19	1.5	ANNUAL	SRCGP2	5	
594830.33	4129911.74	0.27239	47.09	47.09	1.5	ANNUAL	SRCGP2	5	
594850.33	4129911.74	0.32324	46.7	46.7	1.5	ANNUAL	SRCGP2	5	
594870.33	4129911.74	0.36801	46.74	46.74	1.5	ANNUAL	SRCGP2	5	
594890.33	4129911.74	0.41785	46.6	46.6	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4129911.74	0.47255	46.52	46.52	1.5	ANNUAL	SRCGP2	5	
594930.33	4129911.74	0.53342	46.39	46.39	1.5	ANNUAL	SRCGP2	5	
594950.33	4129911.74	0.60166	46.19	46.19	1.5	ANNUAL	SRCGP2	5	
594970.33	4129911.74	0.67787	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594990.33	4129911.74	0.76214	45.75	45.75	1.5	ANNUAL	SRCGP2	5	
595010.33	4129911.74	0.84927	46.09	46.09	1.5	ANNUAL	SRCGP2	5	
595030.33	4129911.74	0.94511	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
595050.33	4129911.74	1.04338	45.89	45.89	1.5	ANNUAL	SRCGP2	5	
595090.33	4129911.74	1.23729	45.52	45.52	1.5	ANNUAL	SRCGP2	5	
595110.33	4129911.74	1.32276	45.59	45.59	1.5	ANNUAL	SRCGP2	5	
595130.33	4129911.74	1.4009	45.47	45.47	1.5	ANNUAL	SRCGP2	5	
595150.33	4129911.74	1.4666	45.48	45.48	1.5	ANNUAL	SRCGP2	5	
595170.33	4129911.74	1.52066	45.47	45.47	1.5	ANNUAL	SRCGP2	5	
595190.33	4129911.74	1.5624	45.48	45.48	1.5	ANNUAL	SRCGP2	5	
595210.33	4129911.74	1.59451	45.3	45.3	1.5	ANNUAL	SRCGP2	5	
595230.33	4129911.74	1.61995	44.69	44.69	1.5	ANNUAL	SRCGP2	5	
595250.33	4129911.74	1.62882	44.65	44.65	1.5	ANNUAL	SRCGP2	5	
595270.33	4129911.74	1.62825	44.61	44.61	1.5	ANNUAL	SRCGP2	5	
595290.33	4129911.74	1.61567	44.94	44.94	1.5	ANNUAL	SRCGP2	5	
595310.33	4129911.74	1.60398	44.34	44.34	1.5	ANNUAL	SRCGP2	5	
595330.33	4129911.74	1.58229	44.06	44.06	1.5	ANNUAL	SRCGP2	5	
595350.33	4129911.74	1.55039	44.33	44.33	1.5	ANNUAL	SRCGP2	5	
595370.33	4129911.74	1.51658	44.2	44.2	1.5	ANNUAL	SRCGP2	5	
595390.33	4129911.74	1.47879	44.02	44.02	1.5	ANNUAL	SRCGP2	5	
595430.33	4129911.74	1.39239	43.83	43.83	1.5	ANNUAL	SRCGP2	5	
595450.33	4129911.74	1.34424	44.05	44.05	1.5	ANNUAL	SRCGP2	5	
594790.33	4129931.74	0.23424	46.42	46.42	1.5	ANNUAL	SRCGP2	5	
594810.33	4129931.74	0.27078	46.53	46.53	1.5	ANNUAL	SRCGP2	5	
594830.33	4129931.74	0.31309	46.45	46.45	1.5	ANNUAL	SRCGP2	5	
594850.33	4129931.74	0.36092	46.31	46.31	1.5	ANNUAL	SRCGP2	5	
594870.33	4129931.74	0.41418	46.16	46.16	1.5	ANNUAL	SRCGP2	5	
594890.33	4129931.74	0.47276	46.11	46.11	1.5	ANNUAL	SRCGP2	5	
594910.33	4129931.74	0.53943	45.73	45.73	1.5	ANNUAL	SRCGP2	5	
594930.33	4129931.74	0.6111	45.86	45.86	1.5	ANNUAL	SRCGP2	5	
594950.33	4129931.74	0.69311	45.7	45.7	1.5	ANNUAL	SRCGP2	5	
594970.33	4129931.74	0.78501	45.49	45.49	1.5	ANNUAL	SRCGP2	5	
594990.33	4129931.74	0.88399	45.55	45.55	1.5	ANNUAL	SRCGP2	5	
595010.33	4129931.74	0.99048	45.59	45.59	1.5	ANNUAL	SRCGP2	5	
595030.33	4129931.74	1.10456	45.35	45.35	1.5	ANNUAL	SRCGP2	5	
595050.33	4129931.74	1.21634	45.43	45.43	1.5	ANNUAL	SRCGP2	5	
595090.33	4129931.74	1.42872	45.36	45.36	1.5	ANNUAL	SRCGP2	5	
595110.33	4129931.74	1.52085	45.32	45.32	1.5	ANNUAL	SRCGP2	5	
595130.33	4129931.74	1.60102	45.21	45.21	1.5	ANNUAL	SRCGP2	5	
595150.33	4129931.74	1.66414	45.32	45.32	1.5	ANNUAL	SRCGP2	5	
595170.33	4129931.74	1.71402	45.32	45.32	1.5	ANNUAL	SRCGP2	5	
595190.33	4129931.74	1.75185	45.14	45.14	1.5	ANNUAL	SRCGP2	5	
595210.33	4129931.74	1.775	45.04	45.04	1.5	ANNUAL	SRCGP2	5	
595250.33	4129931.74	1.78488	44.8	44.8	1.5	ANNUAL	SRCGP2	5	
595270.33	4129931.74	1.77259	44.78	44.78	1.5	ANNUAL	SRCGP2	5	
595290.33	4129931.74	1.7547	44.41	44.41	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.33	4129931.74	1.72694	44.2	44.2	1.5	ANNUAL	SRCGP2	5	
595330.33	4129931.74	1.69259	43.93	43.93	1.5	ANNUAL	SRCGP2	5	
595350.33	4129931.74	1.64817	44.19	44.19	1.5	ANNUAL	SRCGP2	5	
595370.33	4129931.74	1.60409	43.79	43.79	1.5	ANNUAL	SRCGP2	5	
595390.33	4129931.74	1.55283	43.87	43.87	1.5	ANNUAL	SRCGP2	5	
595430.33	4129931.74	1.44491	43.72	43.72	1.5	ANNUAL	SRCGP2	5	
595450.33	4129931.74	1.388	43.8	43.8	1.5	ANNUAL	SRCGP2	5	
594790.33	4129951.74	0.25733	46.19	46.19	1.5	ANNUAL	SRCGP2	5	
594810.33	4129951.74	0.30006	46.14	46.14	1.5	ANNUAL	SRCGP2	5	
594830.33	4129951.74	0.34958	46.03	46.03	1.5	ANNUAL	SRCGP2	5	
594850.33	4129951.74	0.40554	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594870.33	4129951.74	0.46851	45.84	45.84	1.5	ANNUAL	SRCGP2	5	
594890.33	4129951.74	0.53853	45.76	45.76	1.5	ANNUAL	SRCGP2	5	
594910.33	4129951.74	0.61635	45.76	45.76	1.5	ANNUAL	SRCGP2	5	
594930.33	4129951.74	0.70498	45.58	45.58	1.5	ANNUAL	SRCGP2	5	
594950.33	4129951.74	0.80437	45.45	45.45	1.5	ANNUAL	SRCGP2	5	
594970.33	4129951.74	0.91468	45.38	45.38	1.5	ANNUAL	SRCGP2	5	
594990.33	4129951.74	1.03481	45.36	45.36	1.5	ANNUAL	SRCGP2	5	
595010.33	4129951.74	1.16352	45.25	45.25	1.5	ANNUAL	SRCGP2	5	
595030.33	4129951.74	1.29492	45.2	45.2	1.5	ANNUAL	SRCGP2	5	
595050.33	4129951.74	1.42385	45.2	45.2	1.5	ANNUAL	SRCGP2	5	
595090.33	4129951.74	1.65563	45.21	45.21	1.5	ANNUAL	SRCGP2	5	
595110.33	4129951.74	1.74978	45.27	45.27	1.5	ANNUAL	SRCGP2	5	
595130.33	4129951.74	1.8311	45.04	45.04	1.5	ANNUAL	SRCGP2	5	
595150.33	4129951.74	1.88923	45.17	45.17	1.5	ANNUAL	SRCGP2	5	
595170.33	4129951.74	1.93376	45.02	45.02	1.5	ANNUAL	SRCGP2	5	
595190.33	4129951.74	1.96455	44.64	44.64	1.5	ANNUAL	SRCGP2	5	
595210.33	4129951.74	1.97626	44.5	44.5	1.5	ANNUAL	SRCGP2	5	
595250.33	4129951.74	1.95139	44.82	44.82	1.5	ANNUAL	SRCGP2	5	
595290.33	4129951.74	1.89005	44.55	44.55	1.5	ANNUAL	SRCGP2	5	
595310.33	4129951.74	1.84788	44.27	44.27	1.5	ANNUAL	SRCGP2	5	
595330.33	4129951.74	1.79994	43.85	43.85	1.5	ANNUAL	SRCGP2	5	
595350.33	4129951.74	1.74071	44.14	44.14	1.5	ANNUAL	SRCGP2	5	
595370.33	4129951.74	1.68174	43.91	43.91	1.5	ANNUAL	SRCGP2	5	
595390.33	4129951.74	1.61879	43.82	43.82	1.5	ANNUAL	SRCGP2	5	
595430.33	4129951.74	1.48877	43.56	43.56	1.5	ANNUAL	SRCGP2	5	
595450.33	4129951.74	1.42211	43.64	43.64	1.5	ANNUAL	SRCGP2	5	
594510.33	4129971.74	0.06531	46.83	46.83	1.5	ANNUAL	SRCGP2	5	
594530.33	4129971.74	0.06451	47.03	47.03	1.5	ANNUAL	SRCGP2	5	
594550.33	4129971.74	0.06808	46.99	46.99	1.5	ANNUAL	SRCGP2	5	
595090.33	4129971.74	1.92535	45.01	45.01	1.5	ANNUAL	SRCGP2	5	
595110.33	4129971.74	2.02216	44.91	44.91	1.5	ANNUAL	SRCGP2	5	
595130.33	4129971.74	2.09569	44.88	44.88	1.5	ANNUAL	SRCGP2	5	
595150.33	4129971.74	2.14482	44.99	44.99	1.5	ANNUAL	SRCGP2	5	
595170.33	4129971.74	2.17828	44.78	44.78	1.5	ANNUAL	SRCGP2	5	
595190.33	4129971.74	2.1926	44.54	44.54	1.5	ANNUAL	SRCGP2	5	
595210.33	4129971.74	2.18529	44.57	44.57	1.5	ANNUAL	SRCGP2	5	
595230.33	4129971.74	2.16612	44.35	44.35	1.5	ANNUAL	SRCGP2	5	
595250.33	4129971.74	2.12408	44.85	44.85	1.5	ANNUAL	SRCGP2	5	
595270.33	4129971.74	2.07966	44.7	44.7	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595290.33	4129971.74	2.02873	44.28	44.28	1.5	ANNUAL	SRCGP2	5	
595310.33	4129971.74	1.96748	44.07	44.07	1.5	ANNUAL	SRCGP2	5	
595330.33	4129971.74	1.90158	43.7	43.7	1.5	ANNUAL	SRCGP2	5	
595350.33	4129971.74	1.82563	44.02	44.02	1.5	ANNUAL	SRCGP2	5	
595370.33	4129971.74	1.75085	43.88	43.88	1.5	ANNUAL	SRCGP2	5	
595390.33	4129971.74	1.67467	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595430.33	4129971.74	1.52104	43.48	43.48	1.5	ANNUAL	SRCGP2	5	
595450.33	4129971.74	1.44475	43.56	43.56	1.5	ANNUAL	SRCGP2	5	
594510.33	4129991.74	0.07109	46.81	46.81	1.5	ANNUAL	SRCGP2	5	
594530.33	4129991.74	0.07028	46.88	46.88	1.5	ANNUAL	SRCGP2	5	
594550.33	4129991.74	0.07363	46.99	46.99	1.5	ANNUAL	SRCGP2	5	
594790.33	4129991.74	0.31486	45.96	45.96	1.5	ANNUAL	SRCGP2	5	
594810.33	4129991.74	0.37286	46.02	46.02	1.5	ANNUAL	SRCGP2	5	
594830.33	4129991.74	0.44152	45.97	45.97	1.5	ANNUAL	SRCGP2	5	
594850.33	4129991.74	0.52095	45.88	45.88	1.5	ANNUAL	SRCGP2	5	
594870.33	4129991.74	0.61148	45.78	45.78	1.5	ANNUAL	SRCGP2	5	
594890.33	4129991.74	0.71425	45.68	45.68	1.5	ANNUAL	SRCGP2	5	
594910.33	4129991.74	0.83163	45.53	45.53	1.5	ANNUAL	SRCGP2	5	
594930.33	4129991.74	0.96441	45.47	45.47	1.5	ANNUAL	SRCGP2	5	
594950.33	4129991.74	1.11511	45.34	45.34	1.5	ANNUAL	SRCGP2	5	
594970.33	4129991.74	1.28181	45.21	45.21	1.5	ANNUAL	SRCGP2	5	
595010.33	4129991.74	1.64177	45.01	45.01	1.5	ANNUAL	SRCGP2	5	
595030.33	4129991.74	1.81788	45	45	1.5	ANNUAL	SRCGP2	5	
595050.33	4129991.74	1.98162	44.95	44.95	1.5	ANNUAL	SRCGP2	5	
595090.33	4129991.74	2.24462	44.79	44.79	1.5	ANNUAL	SRCGP2	5	
595110.33	4129991.74	2.33434	44.8	44.8	1.5	ANNUAL	SRCGP2	5	
595130.33	4129991.74	2.39782	44.73	44.73	1.5	ANNUAL	SRCGP2	5	
595150.33	4129991.74	2.43268	44.77	44.77	1.5	ANNUAL	SRCGP2	5	
595170.33	4129991.74	2.44916	44.48	44.48	1.5	ANNUAL	SRCGP2	5	
595190.33	4129991.74	2.43646	44.6	44.6	1.5	ANNUAL	SRCGP2	5	
595210.33	4129991.74	2.40726	44.58	44.58	1.5	ANNUAL	SRCGP2	5	
595230.33	4129991.74	2.36624	44.27	44.27	1.5	ANNUAL	SRCGP2	5	
595250.33	4129991.74	2.30575	44.36	44.36	1.5	ANNUAL	SRCGP2	5	
595270.33	4129991.74	2.23658	44.3	44.3	1.5	ANNUAL	SRCGP2	5	
595290.33	4129991.74	2.16198	43.97	43.97	1.5	ANNUAL	SRCGP2	5	
595310.33	4129991.74	2.07762	43.94	43.94	1.5	ANNUAL	SRCGP2	5	
595330.33	4129991.74	1.9916	43.63	43.63	1.5	ANNUAL	SRCGP2	5	
595350.33	4129991.74	1.89814	43.91	43.91	1.5	ANNUAL	SRCGP2	5	
595370.33	4129991.74	1.80668	43.86	43.86	1.5	ANNUAL	SRCGP2	5	
595390.33	4129991.74	1.716	43.75	43.75	1.5	ANNUAL	SRCGP2	5	
595430.33	4129991.74	1.5402	43.39	43.39	1.5	ANNUAL	SRCGP2	5	
595450.33	4129991.74	1.45468	43.51	43.51	1.5	ANNUAL	SRCGP2	5	
594510.33	4130011.74	0.07797	46.78	46.78	1.5	ANNUAL	SRCGP2	5	
594550.33	4130011.74	0.08495	46.82	46.82	1.5	ANNUAL	SRCGP2	5	
594790.33	4130011.74	0.3518	45.75	45.75	1.5	ANNUAL	SRCGP2	5	
594810.33	4130011.74	0.42015	45.92	45.92	1.5	ANNUAL	SRCGP2	5	
594830.33	4130011.74	0.50321	45.75	45.75	1.5	ANNUAL	SRCGP2	5	
594850.33	4130011.74	0.59977	45.64	45.64	1.5	ANNUAL	SRCGP2	5	
594870.33	4130011.74	0.711	45.52	45.52	1.5	ANNUAL	SRCGP2	5	
594890.33	4130011.74	0.83759	45.5	45.5	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4130011.74	0.98378	45.39	45.39	1.5	ANNUAL	SRCGP2	5	
594930.33	4130011.74	1.15026	45.34	45.34	1.5	ANNUAL	SRCGP2	5	
594950.33	4130011.74	1.33963	45.17	45.17	1.5	ANNUAL	SRCGP2	5	
594970.33	4130011.74	1.54626	45.04	45.04	1.5	ANNUAL	SRCGP2	5	
595010.33	4130011.74	1.97675	44.88	44.88	1.5	ANNUAL	SRCGP2	5	
595030.33	4130011.74	2.17616	44.92	44.92	1.5	ANNUAL	SRCGP2	5	
595050.33	4130011.74	2.35635	44.79	44.79	1.5	ANNUAL	SRCGP2	5	
595090.33	4130011.74	2.61541	44.78	44.78	1.5	ANNUAL	SRCGP2	5	
595110.33	4130011.74	2.69497	44.66	44.66	1.5	ANNUAL	SRCGP2	5	
595150.33	4130011.74	2.75575	44.36	44.36	1.5	ANNUAL	SRCGP2	5	
595170.33	4130011.74	2.73938	44.37	44.37	1.5	ANNUAL	SRCGP2	5	
595230.33	4130011.74	2.56601	44.26	44.26	1.5	ANNUAL	SRCGP2	5	
595250.33	4130011.74	2.47578	44.4	44.4	1.5	ANNUAL	SRCGP2	5	
595270.33	4130011.74	2.38116	44.19	44.19	1.5	ANNUAL	SRCGP2	5	
595290.33	4130011.74	2.28157	43.8	43.8	1.5	ANNUAL	SRCGP2	5	
595310.33	4130011.74	2.1743	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595330.33	4130011.74	2.06598	43.53	43.53	1.5	ANNUAL	SRCGP2	5	
595350.33	4130011.74	1.95383	43.83	43.83	1.5	ANNUAL	SRCGP2	5	
595370.33	4130011.74	1.8464	43.76	43.76	1.5	ANNUAL	SRCGP2	5	
595390.33	4130011.74	1.74168	43.68	43.68	1.5	ANNUAL	SRCGP2	5	
595430.33	4130011.74	1.54461	43.29	43.29	1.5	ANNUAL	SRCGP2	5	
595450.33	4130011.74	1.45107	43.42	43.42	1.5	ANNUAL	SRCGP2	5	
594490.33	4130031.74	0.08355	46.29	46.29	1.5	ANNUAL	SRCGP2	5	
594510.33	4130031.74	0.08622	46.59	46.59	1.5	ANNUAL	SRCGP2	5	
594530.33	4130031.74	0.08956	46.58	46.58	1.5	ANNUAL	SRCGP2	5	
594570.33	4130031.74	0.09858	46.62	46.62	1.5	ANNUAL	SRCGP2	5	
594790.33	4130031.74	0.396	45.51	45.51	1.5	ANNUAL	SRCGP2	5	
594810.33	4130031.74	0.47891	45.54	45.54	1.5	ANNUAL	SRCGP2	5	
594830.33	4130031.74	0.57968	45.44	45.44	1.5	ANNUAL	SRCGP2	5	
594850.33	4130031.74	0.69804	45.41	45.41	1.5	ANNUAL	SRCGP2	5	
594870.33	4130031.74	0.83671	45.28	45.28	1.5	ANNUAL	SRCGP2	5	
594890.33	4130031.74	0.99621	45.26	45.26	1.5	ANNUAL	SRCGP2	5	
594910.33	4130031.74	1.18244	45.12	45.12	1.5	ANNUAL	SRCGP2	5	
594930.33	4130031.74	1.39468	45.07	45.07	1.5	ANNUAL	SRCGP2	5	
594950.33	4130031.74	1.63502	44.88	44.88	1.5	ANNUAL	SRCGP2	5	
594970.33	4130031.74	1.8909	44.82	44.82	1.5	ANNUAL	SRCGP2	5	
595010.33	4130031.74	2.40303	44.66	44.66	1.5	ANNUAL	SRCGP2	5	
595030.33	4130031.74	2.62685	44.63	44.63	1.5	ANNUAL	SRCGP2	5	
595050.33	4130031.74	2.81293	44.62	44.62	1.5	ANNUAL	SRCGP2	5	
595090.33	4130031.74	3.05618	44.44	44.44	1.5	ANNUAL	SRCGP2	5	
595150.33	4130031.74	3.10223	44.17	44.17	1.5	ANNUAL	SRCGP2	5	
595170.33	4130031.74	3.04767	44.19	44.19	1.5	ANNUAL	SRCGP2	5	
595230.33	4130031.74	2.76047	44.09	44.09	1.5	ANNUAL	SRCGP2	5	
595250.33	4130031.74	2.6353	44.27	44.27	1.5	ANNUAL	SRCGP2	5	
595270.33	4130031.74	2.50873	44.11	44.11	1.5	ANNUAL	SRCGP2	5	
595290.33	4130031.74	2.38063	43.76	43.76	1.5	ANNUAL	SRCGP2	5	
595310.33	4130031.74	2.24986	43.54	43.54	1.5	ANNUAL	SRCGP2	5	
595330.33	4130031.74	2.12021	43.33	43.33	1.5	ANNUAL	SRCGP2	5	
595350.33	4130031.74	1.98919	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595370.33	4130031.74	1.8661	43.68	43.68	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595390.33	4130031.74	1.74924	43.52	43.52	1.5	ANNUAL	SRCGP2	5	
595430.33	4130031.74	1.53324	43.19	43.19	1.5	ANNUAL	SRCGP2	5	
595450.33	4130031.74	1.4334	43.29	43.29	1.5	ANNUAL	SRCGP2	5	
594490.33	4130051.74	0.09285	46.24	46.24	1.5	ANNUAL	SRCGP2	5	
594510.33	4130051.74	0.09585	46.62	46.62	1.5	ANNUAL	SRCGP2	5	
594530.33	4130051.74	0.09941	46.76	46.76	1.5	ANNUAL	SRCGP2	5	
594550.33	4130051.74	0.10376	46.7	46.7	1.5	ANNUAL	SRCGP2	5	
594570.33	4130051.74	0.10908	46.63	46.63	1.5	ANNUAL	SRCGP2	5	
594590.33	4130051.74	0.11571	46.57	46.57	1.5	ANNUAL	SRCGP2	5	
594790.33	4130051.74	0.44674	45.73	45.73	1.5	ANNUAL	SRCGP2	5	
594810.33	4130051.74	0.54864	45.52	45.52	1.5	ANNUAL	SRCGP2	5	
594830.33	4130051.74	0.67221	45.48	45.48	1.5	ANNUAL	SRCGP2	5	
594850.33	4130051.74	0.82062	45.38	45.38	1.5	ANNUAL	SRCGP2	5	
594870.33	4130051.74	0.99606	45.25	45.25	1.5	ANNUAL	SRCGP2	5	
594890.33	4130051.74	1.19992	45.25	45.25	1.5	ANNUAL	SRCGP2	5	
594910.33	4130051.74	1.43915	45.16	45.16	1.5	ANNUAL	SRCGP2	5	
594930.33	4130051.74	1.71553	44.98	44.98	1.5	ANNUAL	SRCGP2	5	
594950.33	4130051.74	2.01991	44.87	44.87	1.5	ANNUAL	SRCGP2	5	
594970.33	4130051.74	2.33913	44.77	44.77	1.5	ANNUAL	SRCGP2	5	
595010.33	4130051.74	2.93949	44.59	44.59	1.5	ANNUAL	SRCGP2	5	
595030.33	4130051.74	3.18281	44.46	44.46	1.5	ANNUAL	SRCGP2	5	
595050.33	4130051.74	3.36837	44.38	44.38	1.5	ANNUAL	SRCGP2	5	
595090.33	4130051.74	3.56081	44.21	44.21	1.5	ANNUAL	SRCGP2	5	
595150.33	4130051.74	3.46623	44.05	44.05	1.5	ANNUAL	SRCGP2	5	
595170.33	4130051.74	3.36219	44.02	44.02	1.5	ANNUAL	SRCGP2	5	
595210.33	4130051.74	3.08504	44.28	44.28	1.5	ANNUAL	SRCGP2	5	
595230.33	4130051.74	2.93558	43.96	43.96	1.5	ANNUAL	SRCGP2	5	
595250.33	4130051.74	2.77034	44.25	44.25	1.5	ANNUAL	SRCGP2	5	
595270.33	4130051.74	2.60875	44.2	44.2	1.5	ANNUAL	SRCGP2	5	
595430.33	4130051.74	1.50586	43.08	43.08	1.5	ANNUAL	SRCGP2	5	
595450.33	4130051.74	1.40114	43.26	43.26	1.5	ANNUAL	SRCGP2	5	
594490.33	4130071.74	0.10366	46.16	46.16	1.5	ANNUAL	SRCGP2	5	
594510.33	4130071.74	0.10721	46.59	46.59	1.5	ANNUAL	SRCGP2	5	
594550.33	4130071.74	0.11612	46.73	46.73	1.5	ANNUAL	SRCGP2	5	
594570.33	4130071.74	0.12226	46.28	46.28	1.5	ANNUAL	SRCGP2	5	
594790.33	4130071.74	0.51044	45.62	45.62	1.5	ANNUAL	SRCGP2	5	
594810.33	4130071.74	0.63382	45.65	45.65	1.5	ANNUAL	SRCGP2	5	
594830.33	4130071.74	0.7882	45.61	45.61	1.5	ANNUAL	SRCGP2	5	
594850.33	4130071.74	0.9762	45.54	45.54	1.5	ANNUAL	SRCGP2	5	
594870.33	4130071.74	1.2054	45.22	45.22	1.5	ANNUAL	SRCGP2	5	
594890.33	4130071.74	1.47465	45.09	45.09	1.5	ANNUAL	SRCGP2	5	
594910.33	4130071.74	1.78749	45.09	45.09	1.5	ANNUAL	SRCGP2	5	
594930.33	4130071.74	2.14601	45.01	45.01	1.5	ANNUAL	SRCGP2	5	
594950.33	4130071.74	2.53262	44.99	44.99	1.5	ANNUAL	SRCGP2	5	
594970.33	4130071.74	2.93657	44.64	44.64	1.5	ANNUAL	SRCGP2	5	
595010.33	4130071.74	3.62355	44.42	44.42	1.5	ANNUAL	SRCGP2	5	
595030.33	4130071.74	3.86659	44.35	44.35	1.5	ANNUAL	SRCGP2	5	
595050.33	4130071.74	4.03173	44.22	44.22	1.5	ANNUAL	SRCGP2	5	
595090.33	4130071.74	4.12334	44.17	44.17	1.5	ANNUAL	SRCGP2	5	
595110.33	4130071.74	4.07484	44.05	44.05	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.33	4130071.74	3.8331	43.99	43.99	1.5	ANNUAL	SRCGP2	5	
595210.33	4130071.74	3.27997	43.93	43.93	1.5	ANNUAL	SRCGP2	5	
595230.33	4130071.74	3.08044	43.75	43.75	1.5	ANNUAL	SRCGP2	5	
595250.33	4130071.74	2.87568	43.96	43.96	1.5	ANNUAL	SRCGP2	5	
595270.33	4130071.74	2.67996	43.88	43.88	1.5	ANNUAL	SRCGP2	5	
595430.33	4130071.74	1.46273	43.02	43.02	1.5	ANNUAL	SRCGP2	5	
595450.33	4130071.74	1.35617	43.1	43.1	1.5	ANNUAL	SRCGP2	5	
594510.33	4130091.74	0.12066	46.34	46.34	1.5	ANNUAL	SRCGP2	5	
594550.33	4130091.74	0.13127	46.5	46.5	1.5	ANNUAL	SRCGP2	5	
594570.33	4130091.74	0.13804	46.22	46.22	1.5	ANNUAL	SRCGP2	5	
595010.33	4130091.74	4.48825	44.23	44.23	1.5	ANNUAL	SRCGP2	5	
595030.33	4130091.74	4.70185	44.22	44.22	1.5	ANNUAL	SRCGP2	5	
595050.33	4130091.74	4.81426	44.04	44.04	1.5	ANNUAL	SRCGP2	5	
595090.33	4130091.74	4.74112	44.03	44.03	1.5	ANNUAL	SRCGP2	5	
595110.33	4130091.74	4.59971	43.96	43.96	1.5	ANNUAL	SRCGP2	5	
595150.33	4130091.74	4.18564	43.8	43.8	1.5	ANNUAL	SRCGP2	5	
595170.33	4130091.74	3.94031	43.76	43.76	1.5	ANNUAL	SRCGP2	5	
595190.33	4130091.74	3.68182	43.9	43.9	1.5	ANNUAL	SRCGP2	5	
595210.33	4130091.74	3.42602	43.88	43.88	1.5	ANNUAL	SRCGP2	5	
595230.33	4130091.74	3.17542	43.86	43.86	1.5	ANNUAL	SRCGP2	5	
595250.33	4130091.74	2.93546	43.77	43.77	1.5	ANNUAL	SRCGP2	5	
595430.33	4130091.74	1.40548	42.96	42.96	1.5	ANNUAL	SRCGP2	5	
595450.33	4130091.74	1.29893	43.04	43.04	1.5	ANNUAL	SRCGP2	5	
594510.33	4130111.74	0.13614	46.21	46.21	1.5	ANNUAL	SRCGP2	5	
594530.33	4130111.74	0.14238	46.37	46.37	1.5	ANNUAL	SRCGP2	5	
594550.33	4130111.74	0.14937	46.31	46.31	1.5	ANNUAL	SRCGP2	5	
594570.33	4130111.74	0.15738	46.07	46.07	1.5	ANNUAL	SRCGP2	5	
595010.33	4130111.74	5.56099	44.14	44.14	1.5	ANNUAL	SRCGP2	5	
595030.33	4130111.74	5.70394	44.04	44.04	1.5	ANNUAL	SRCGP2	5	
595050.33	4130111.74	5.70487	43.97	43.97	1.5	ANNUAL	SRCGP2	5	
595090.33	4130111.74	5.38208	43.94	43.94	1.5	ANNUAL	SRCGP2	5	
595110.33	4130111.74	5.12009	43.79	43.79	1.5	ANNUAL	SRCGP2	5	
595130.33	4130111.74	4.82025	43.56	43.56	1.5	ANNUAL	SRCGP2	5	
595150.33	4130111.74	4.4932	43.53	43.53	1.5	ANNUAL	SRCGP2	5	
595170.33	4130111.74	4.15872	43.59	43.59	1.5	ANNUAL	SRCGP2	5	
595190.33	4130111.74	3.82491	43.9	43.9	1.5	ANNUAL	SRCGP2	5	
595210.33	4130111.74	3.51139	43.88	43.88	1.5	ANNUAL	SRCGP2	5	
595230.33	4130111.74	3.21763	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595250.33	4130111.74	2.94105	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595430.33	4130111.74	1.3363	42.89	42.89	1.5	ANNUAL	SRCGP2	5	
595450.33	4130111.74	1.23245	42.89	42.89	1.5	ANNUAL	SRCGP2	5	
594510.33	4130131.74	0.15418	45.89	45.89	1.5	ANNUAL	SRCGP2	5	
594530.33	4130131.74	0.16233	45.93	45.93	1.5	ANNUAL	SRCGP2	5	
594550.33	4130131.74	0.17105	46	46	1.5	ANNUAL	SRCGP2	5	
594570.33	4130131.74	0.18088	45.87	45.87	1.5	ANNUAL	SRCGP2	5	
595010.33	4130131.74	6.87068	44.01	44.01	1.5	ANNUAL	SRCGP2	5	
595030.33	4130131.74	6.85109	44.04	44.04	1.5	ANNUAL	SRCGP2	5	
595050.33	4130131.74	6.67942	43.89	43.89	1.5	ANNUAL	SRCGP2	5	
595090.33	4130131.74	6.00217	43.83	43.83	1.5	ANNUAL	SRCGP2	5	
595110.33	4130131.74	5.58761	43.61	43.61	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595130.33	4130131.74	5.15379	43.39	43.39	1.5	ANNUAL	SRCGP2	5	
595150.33	4130131.74	4.71535	43.41	43.41	1.5	ANNUAL	SRCGP2	5	
595170.33	4130131.74	4.28955	43.62	43.62	1.5	ANNUAL	SRCGP2	5	
595190.33	4130131.74	3.8917	43.74	43.74	1.5	ANNUAL	SRCGP2	5	
595210.33	4130131.74	3.52564	43.76	43.76	1.5	ANNUAL	SRCGP2	5	
595230.33	4130131.74	3.1911	43.77	43.77	1.5	ANNUAL	SRCGP2	5	
595250.33	4130131.74	2.8884	43.74	43.74	1.5	ANNUAL	SRCGP2	5	
595430.33	4130131.74	1.25853	42.69	42.69	1.5	ANNUAL	SRCGP2	5	
595450.33	4130131.74	1.15848	42.8	42.8	1.5	ANNUAL	SRCGP2	5	
595010.33	4130151.74	8.40557	43.85	43.85	1.5	ANNUAL	SRCGP2	5	
595030.33	4130151.74	8.12503	43.77	43.77	1.5	ANNUAL	SRCGP2	5	
595050.33	4130151.74	7.67551	43.73	43.73	1.5	ANNUAL	SRCGP2	5	
595090.33	4130151.74	6.53272	43.71	43.71	1.5	ANNUAL	SRCGP2	5	
595110.33	4130151.74	5.93737	43.6	43.6	1.5	ANNUAL	SRCGP2	5	
595130.33	4130151.74	5.36613	43.32	43.32	1.5	ANNUAL	SRCGP2	5	
595150.33	4130151.74	4.82349	43.24	43.24	1.5	ANNUAL	SRCGP2	5	
595170.33	4130151.74	4.31773	43.5	43.5	1.5	ANNUAL	SRCGP2	5	
595190.33	4130151.74	3.86708	43.44	43.44	1.5	ANNUAL	SRCGP2	5	
595210.33	4130151.74	3.46383	43.35	43.35	1.5	ANNUAL	SRCGP2	5	
595230.33	4130151.74	3.10043	43.56	43.56	1.5	ANNUAL	SRCGP2	5	
595250.33	4130151.74	2.78179	43.57	43.57	1.5	ANNUAL	SRCGP2	5	
595430.33	4130151.74	1.17398	42.6	42.6	1.5	ANNUAL	SRCGP2	5	
595450.33	4130151.74	1.08024	42.66	42.66	1.5	ANNUAL	SRCGP2	5	
594490.33	4130351.74	0.61868	45.24	45.24	1.5	ANNUAL	SRCGP2	5	
594510.33	4130351.74	0.7122	44.82	44.82	1.5	ANNUAL	SRCGP2	5	
594530.33	4130351.74	0.82878	44.4	44.4	1.5	ANNUAL	SRCGP2	5	
594550.33	4130351.74	0.97409	44.19	44.19	1.5	ANNUAL	SRCGP2	5	
594570.33	4130351.74	1.16425	43.75	43.75	1.5	ANNUAL	SRCGP2	5	
594490.33	4130371.74	0.72018	44.82	44.82	1.5	ANNUAL	SRCGP2	5	
594510.33	4130371.74	0.83771	44.21	44.21	1.5	ANNUAL	SRCGP2	5	
594530.33	4130371.74	0.9839	43.77	43.77	1.5	ANNUAL	SRCGP2	5	
594550.33	4130371.74	1.16679	43.63	43.63	1.5	ANNUAL	SRCGP2	5	
594570.33	4130371.74	1.40389	43.47	43.47	1.5	ANNUAL	SRCGP2	5	
594470.33	4130391.74	0.72677	43.76	43.76	1.5	ANNUAL	SRCGP2	5	
594490.33	4130391.74	0.83587	43.97	43.97	1.5	ANNUAL	SRCGP2	5	
594550.33	4130391.74	1.37111	43.23	43.23	1.5	ANNUAL	SRCGP2	5	
594570.33	4130391.74	1.65353	43.27	43.27	1.5	ANNUAL	SRCGP2	5	
594470.33	4130411.74	0.82655	43.34	43.34	1.5	ANNUAL	SRCGP2	5	
594490.33	4130411.74	0.95451	43.48	43.48	1.5	ANNUAL	SRCGP2	5	
594530.33	4130411.74	1.31742	42.96	42.96	1.5	ANNUAL	SRCGP2	5	
594550.33	4130411.74	1.56714	43.07	43.07	1.5	ANNUAL	SRCGP2	5	
594570.33	4130411.74	1.88536	43.15	43.15	1.5	ANNUAL	SRCGP2	5	
594470.33	4130431.74	0.92427	43.29	43.29	1.5	ANNUAL	SRCGP2	5	
594490.33	4130431.74	1.06812	43.36	43.36	1.5	ANNUAL	SRCGP2	5	
594530.33	4130431.74	1.46513	43.06	43.06	1.5	ANNUAL	SRCGP2	5	
594550.33	4130431.74	1.73598	42.99	42.99	1.5	ANNUAL	SRCGP2	5	
595474.53	4130151.04	0.9845	42.33	42.33	1.5	ANNUAL	SRCGP2	5	
595514.53	4130151.04	0.84547	42.17	42.17	1.5	ANNUAL	SRCGP2	5	
595534.53	4130151.04	0.78629	42.05	42.05	1.5	ANNUAL	SRCGP2	5	
595554.53	4130151.04	0.73288	42.01	42.01	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130151.04	0.6408	41.92	41.92	1.5	ANNUAL	SRCGP2	5	
595614.53	4130151.04	0.60099	41.99	41.99	1.5	ANNUAL	SRCGP2	5	
595634.53	4130151.04	0.56477	42.03	42.03	1.5	ANNUAL	SRCGP2	5	
595674.53	4130151.04	0.5014	41.79	41.79	1.5	ANNUAL	SRCGP2	5	
595694.53	4130151.04	0.47371	41.86	41.86	1.5	ANNUAL	SRCGP2	5	
595714.53	4130151.04	0.4482	41.8	41.8	1.5	ANNUAL	SRCGP2	5	
595734.53	4130151.04	0.42461	41.67	41.67	1.5	ANNUAL	SRCGP2	5	
595774.53	4130151.04	0.38286	41.48	41.48	1.5	ANNUAL	SRCGP2	5	
595794.53	4130151.04	0.36433	41.39	41.39	1.5	ANNUAL	SRCGP2	5	
595434.53	4130171.04	1.07138	42.27	42.27	1.5	ANNUAL	SRCGP2	5	
595454.53	4130171.04	0.98703	42.13	42.13	1.5	ANNUAL	SRCGP2	5	
595474.53	4130171.04	0.91179	42.04	42.04	1.5	ANNUAL	SRCGP2	5	
595514.53	4130171.04	0.78409	41.74	41.74	1.5	ANNUAL	SRCGP2	5	
595534.53	4130171.04	0.72984	41.7	41.7	1.5	ANNUAL	SRCGP2	5	
595554.53	4130171.04	0.6809	41.64	41.64	1.5	ANNUAL	SRCGP2	5	
595594.53	4130171.04	0.59684	41.67	41.67	1.5	ANNUAL	SRCGP2	5	
595614.53	4130171.04	0.56043	41.62	41.62	1.5	ANNUAL	SRCGP2	5	
595634.53	4130171.04	0.52729	41.6	41.6	1.5	ANNUAL	SRCGP2	5	
595674.53	4130171.04	0.46918	41.44	41.44	1.5	ANNUAL	SRCGP2	5	
595694.53	4130171.04	0.44381	41.43	41.43	1.5	ANNUAL	SRCGP2	5	
595714.53	4130171.04	0.42051	41.43	41.43	1.5	ANNUAL	SRCGP2	5	
595734.53	4130171.04	0.39884	41.25	41.25	1.5	ANNUAL	SRCGP2	5	
595774.53	4130171.04	0.36073	41.25	41.25	1.5	ANNUAL	SRCGP2	5	
595794.53	4130171.04	0.34371	41.19	41.19	1.5	ANNUAL	SRCGP2	5	
595434.53	4130211.04	0.89931	42.45	42.45	1.5	ANNUAL	SRCGP2	5	
595474.53	4130211.04	0.77072	42.11	42.11	1.5	ANNUAL	SRCGP2	5	
595494.53	4130211.04	0.71622	42.24	42.24	1.5	ANNUAL	SRCGP2	5	
595514.53	4130211.04	0.66744	42.06	42.06	1.5	ANNUAL	SRCGP2	5	
595534.53	4130211.04	0.6235	41.95	41.95	1.5	ANNUAL	SRCGP2	5	
595574.53	4130211.04	0.54739	41.51	41.51	1.5	ANNUAL	SRCGP2	5	
595594.53	4130211.04	0.51527	41.82	41.82	1.5	ANNUAL	SRCGP2	5	
595614.53	4130211.04	0.48533	41.66	41.66	1.5	ANNUAL	SRCGP2	5	
595634.53	4130211.04	0.45819	41.66	41.66	1.5	ANNUAL	SRCGP2	5	
595654.53	4130211.04	0.43335	41.67	41.67	1.5	ANNUAL	SRCGP2	5	
595674.53	4130211.04	0.41059	41.71	41.71	1.5	ANNUAL	SRCGP2	5	
595694.53	4130211.04	0.38945	41.56	41.56	1.5	ANNUAL	SRCGP2	5	
595714.53	4130211.04	0.37007	41.52	41.52	1.5	ANNUAL	SRCGP2	5	
595734.53	4130211.04	0.35218	41.47	41.47	1.5	ANNUAL	SRCGP2	5	
595774.53	4130211.04	0.32002	41.13	41.13	1.5	ANNUAL	SRCGP2	5	
595794.53	4130211.04	0.30565	40.99	40.99	1.5	ANNUAL	SRCGP2	5	
595434.53	4130231.04	0.81876	42.42	42.42	1.5	ANNUAL	SRCGP2	5	
595474.53	4130231.04	0.70509	41.98	41.98	1.5	ANNUAL	SRCGP2	5	
595494.53	4130231.04	0.65687	42.09	42.09	1.5	ANNUAL	SRCGP2	5	
595514.53	4130231.04	0.61352	41.94	41.94	1.5	ANNUAL	SRCGP2	5	
595534.53	4130231.04	0.57445	41.87	41.87	1.5	ANNUAL	SRCGP2	5	
595574.53	4130231.04	0.50633	41.43	41.43	1.5	ANNUAL	SRCGP2	5	
595594.53	4130231.04	0.47754	41.69	41.69	1.5	ANNUAL	SRCGP2	5	
595614.53	4130231.04	0.45075	41.59	41.59	1.5	ANNUAL	SRCGP2	5	
595634.53	4130231.04	0.42643	41.63	41.63	1.5	ANNUAL	SRCGP2	5	
595654.53	4130231.04	0.404	41.58	41.58	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595674.53	4130231.04	0.3834	41.55	41.55	1.5	ANNUAL	SRCGP2	5	
595694.53	4130231.04	0.36439	41.5	41.5	1.5	ANNUAL	SRCGP2	5	
595714.53	4130231.04	0.34671	41.33	41.33	1.5	ANNUAL	SRCGP2	5	
595734.53	4130231.04	0.33038	41.19	41.19	1.5	ANNUAL	SRCGP2	5	
595774.53	4130231.04	0.30125	41.05	41.05	1.5	ANNUAL	SRCGP2	5	
595794.53	4130231.04	0.28815	40.93	40.93	1.5	ANNUAL	SRCGP2	5	
595434.53	4130251.04	0.7437	42.32	42.32	1.5	ANNUAL	SRCGP2	5	
595474.53	4130251.04	0.64364	41.76	41.76	1.5	ANNUAL	SRCGP2	5	
595494.53	4130251.04	0.60142	41.87	41.87	1.5	ANNUAL	SRCGP2	5	
595514.53	4130251.04	0.56321	41.88	41.88	1.5	ANNUAL	SRCGP2	5	
595534.53	4130251.04	0.52836	41.66	41.66	1.5	ANNUAL	SRCGP2	5	
595574.53	4130251.04	0.46811	41.38	41.38	1.5	ANNUAL	SRCGP2	5	
595594.53	4130251.04	0.44248	41.62	41.62	1.5	ANNUAL	SRCGP2	5	
595614.53	4130251.04	0.4187	41.63	41.63	1.5	ANNUAL	SRCGP2	5	
595634.53	4130251.04	0.39674	41.53	41.53	1.5	ANNUAL	SRCGP2	5	
595654.53	4130251.04	0.37662	41.51	41.51	1.5	ANNUAL	SRCGP2	5	
595674.53	4130251.04	0.35802	41.44	41.44	1.5	ANNUAL	SRCGP2	5	
595694.53	4130251.04	0.34083	41.36	41.36	1.5	ANNUAL	SRCGP2	5	
595714.53	4130251.04	0.32497	41.33	41.33	1.5	ANNUAL	SRCGP2	5	
595734.53	4130251.04	0.31016	41.2	41.2	1.5	ANNUAL	SRCGP2	5	
595774.53	4130251.04	0.28369	41.06	41.06	1.5	ANNUAL	SRCGP2	5	
595794.53	4130251.04	0.27165	40.81	40.81	1.5	ANNUAL	SRCGP2	5	
595474.53	4130271.04	0.58682	41.63	41.63	1.5	ANNUAL	SRCGP2	5	
595494.53	4130271.04	0.5499	41.68	41.68	1.5	ANNUAL	SRCGP2	5	
595514.53	4130271.04	0.51635	41.64	41.64	1.5	ANNUAL	SRCGP2	5	
595534.53	4130271.04	0.48593	41.62	41.62	1.5	ANNUAL	SRCGP2	5	
595574.53	4130271.04	0.4325	41.26	41.26	1.5	ANNUAL	SRCGP2	5	
595594.53	4130271.04	0.40981	41.54	41.54	1.5	ANNUAL	SRCGP2	5	
595614.53	4130271.04	0.38837	41.36	41.36	1.5	ANNUAL	SRCGP2	5	
595774.53	4130271.04	0.26709	40.98	40.98	1.5	ANNUAL	SRCGP2	5	
595794.53	4130271.04	0.2562	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
595474.53	4130291.04	0.5346	41.37	41.37	1.5	ANNUAL	SRCGP2	5	
595494.53	4130291.04	0.50259	41.47	41.47	1.5	ANNUAL	SRCGP2	5	
595514.53	4130291.04	0.47305	41.31	41.31	1.5	ANNUAL	SRCGP2	5	
595534.53	4130291.04	0.44614	41.15	41.15	1.5	ANNUAL	SRCGP2	5	
595574.53	4130291.04	0.39963	41.18	41.18	1.5	ANNUAL	SRCGP2	5	
595594.53	4130291.04	0.37956	41.46	41.46	1.5	ANNUAL	SRCGP2	5	
595614.53	4130291.04	0.36047	41.26	41.26	1.5	ANNUAL	SRCGP2	5	
595654.53	4130291.04	0.3271	41.34	41.34	1.5	ANNUAL	SRCGP2	5	
595674.53	4130291.04	0.31213	41.27	41.27	1.5	ANNUAL	SRCGP2	5	
595694.53	4130291.04	0.29833	41.31	41.31	1.5	ANNUAL	SRCGP2	5	
595714.53	4130291.04	0.28533	41.17	41.17	1.5	ANNUAL	SRCGP2	5	
595734.53	4130291.04	0.27328	41.1	41.1	1.5	ANNUAL	SRCGP2	5	
595774.53	4130291.04	0.25142	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
595794.53	4130291.04	0.24146	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
595474.53	4130311.04	0.48758	41.31	41.31	1.5	ANNUAL	SRCGP2	5	
595494.53	4130311.04	0.45972	41.36	41.36	1.5	ANNUAL	SRCGP2	5	
595514.53	4130311.04	0.43411	41.29	41.29	1.5	ANNUAL	SRCGP2	5	
595534.53	4130311.04	0.41075	41.26	41.26	1.5	ANNUAL	SRCGP2	5	
595574.53	4130311.04	0.36932	40.98	40.98	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130311.04	0.35161	41.26	41.26	1.5	ANNUAL	SRCGP2	5	
595614.53	4130311.04	0.33477	41.17	41.17	1.5	ANNUAL	SRCGP2	5	
595654.53	4130311.04	0.30488	41.15	41.15	1.5	ANNUAL	SRCGP2	5	
595674.53	4130311.04	0.2915	41.14	41.14	1.5	ANNUAL	SRCGP2	5	
595694.53	4130311.04	0.27914	41.23	41.23	1.5	ANNUAL	SRCGP2	5	
595714.53	4130311.04	0.26744	41.11	41.11	1.5	ANNUAL	SRCGP2	5	
595734.53	4130311.04	0.25647	40.94	40.94	1.5	ANNUAL	SRCGP2	5	
595774.53	4130311.04	0.23669	40.74	40.74	1.5	ANNUAL	SRCGP2	5	
595794.53	4130311.04	0.22769	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
595474.53	4130331.04	0.44476	41.06	41.06	1.5	ANNUAL	SRCGP2	5	
595494.53	4130331.04	0.42063	41.13	41.13	1.5	ANNUAL	SRCGP2	5	
595514.53	4130331.04	0.39828	41.05	41.05	1.5	ANNUAL	SRCGP2	5	
595534.53	4130331.04	0.37775	40.96	40.96	1.5	ANNUAL	SRCGP2	5	
595574.53	4130331.04	0.34167	40.96	40.96	1.5	ANNUAL	SRCGP2	5	
595594.53	4130331.04	0.32594	41.2	41.2	1.5	ANNUAL	SRCGP2	5	
595614.53	4130331.04	0.31092	41.07	41.07	1.5	ANNUAL	SRCGP2	5	
595654.53	4130331.04	0.28422	40.97	40.97	1.5	ANNUAL	SRCGP2	5	
595674.53	4130331.04	0.27231	40.99	40.99	1.5	ANNUAL	SRCGP2	5	
595694.53	4130331.04	0.26135	41.23	41.23	1.5	ANNUAL	SRCGP2	5	
595714.53	4130331.04	0.25075	41.05	41.05	1.5	ANNUAL	SRCGP2	5	
595734.53	4130331.04	0.24085	40.91	40.91	1.5	ANNUAL	SRCGP2	5	
595774.53	4130331.04	0.22285	40.66	40.66	1.5	ANNUAL	SRCGP2	5	
595794.53	4130331.04	0.21471	40.6	40.6	1.5	ANNUAL	SRCGP2	5	
595414.53	4130351.04	0.48287	41.2	41.2	1.5	ANNUAL	SRCGP2	5	
595434.53	4130351.04	0.45525	41.19	41.19	1.5	ANNUAL	SRCGP2	5	
595474.53	4130351.04	0.40688	41.08	41.08	1.5	ANNUAL	SRCGP2	5	
595494.53	4130351.04	0.38589	41.14	41.14	1.5	ANNUAL	SRCGP2	5	
595514.53	4130351.04	0.36623	40.98	40.98	1.5	ANNUAL	SRCGP2	5	
595534.53	4130351.04	0.34834	40.97	40.97	1.5	ANNUAL	SRCGP2	5	
595574.53	4130351.04	0.31637	40.83	40.83	1.5	ANNUAL	SRCGP2	5	
595594.53	4130351.04	0.30251	41.1	41.1	1.5	ANNUAL	SRCGP2	5	
595614.53	4130351.04	0.28917	40.97	40.97	1.5	ANNUAL	SRCGP2	5	
595694.53	4130351.04	0.24469	41.09	41.09	1.5	ANNUAL	SRCGP2	5	
595714.53	4130351.04	0.23521	41	41	1.5	ANNUAL	SRCGP2	5	
595734.53	4130351.04	0.2262	40.77	40.77	1.5	ANNUAL	SRCGP2	5	
595774.53	4130351.04	0.21008	40.76	40.76	1.5	ANNUAL	SRCGP2	5	
595794.53	4130351.04	0.20249	40.43	40.43	1.5	ANNUAL	SRCGP2	5	
595414.53	4130371.04	0.43841	41	41	1.5	ANNUAL	SRCGP2	5	
595434.53	4130371.04	0.4147	41.02	41.02	1.5	ANNUAL	SRCGP2	5	
595474.53	4130371.04	0.37267	40.85	40.85	1.5	ANNUAL	SRCGP2	5	
595494.53	4130371.04	0.35442	40.93	40.93	1.5	ANNUAL	SRCGP2	5	
595514.53	4130371.04	0.33727	40.82	40.82	1.5	ANNUAL	SRCGP2	5	
595534.53	4130371.04	0.32144	40.74	40.74	1.5	ANNUAL	SRCGP2	5	
595574.53	4130371.04	0.29332	40.73	40.73	1.5	ANNUAL	SRCGP2	5	
595594.53	4130371.04	0.28093	40.93	40.93	1.5	ANNUAL	SRCGP2	5	
595614.53	4130371.04	0.26904	40.79	40.79	1.5	ANNUAL	SRCGP2	5	
595654.53	4130371.04	0.24796	40.92	40.92	1.5	ANNUAL	SRCGP2	5	
595674.53	4130371.04	0.2383	40.87	40.87	1.5	ANNUAL	SRCGP2	5	
595694.53	4130371.04	0.22931	40.94	40.94	1.5	ANNUAL	SRCGP2	5	
595714.53	4130371.04	0.22079	40.9	40.9	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595734.53	4130371.04	0.21269	40.73	40.73	1.5	ANNUAL	SRCGP2	5	
595774.53	4130371.04	0.198	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
595794.53	4130371.04	0.19115	40.41	40.41	1.5	ANNUAL	SRCGP2	5	
595414.53	4130391.04	0.40002	41.01	41.01	1.5	ANNUAL	SRCGP2	5	
595434.53	4130391.04	0.37923	40.91	40.91	1.5	ANNUAL	SRCGP2	5	
595474.53	4130391.04	0.34268	40.81	40.81	1.5	ANNUAL	SRCGP2	5	
595494.53	4130391.04	0.32656	40.83	40.83	1.5	ANNUAL	SRCGP2	5	
595514.53	4130391.04	0.31144	40.71	40.71	1.5	ANNUAL	SRCGP2	5	
595534.53	4130391.04	0.29742	40.6	40.6	1.5	ANNUAL	SRCGP2	5	
595614.53	4130391.04	0.25092	40.69	40.69	1.5	ANNUAL	SRCGP2	5	
595654.53	4130391.04	0.23199	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
595674.53	4130391.04	0.22337	40.89	40.89	1.5	ANNUAL	SRCGP2	5	
595694.53	4130391.04	0.2152	40.85	40.85	1.5	ANNUAL	SRCGP2	5	
595714.53	4130391.04	0.20748	40.78	40.78	1.5	ANNUAL	SRCGP2	5	
595734.53	4130391.04	0.20019	40.69	40.69	1.5	ANNUAL	SRCGP2	5	
595774.53	4130391.04	0.18684	40.6	40.6	1.5	ANNUAL	SRCGP2	5	
595794.53	4130391.04	0.1806	40.39	40.39	1.5	ANNUAL	SRCGP2	5	
595414.53	4130411.04	0.36618	40.72	40.72	1.5	ANNUAL	SRCGP2	5	
595434.53	4130411.04	0.34826	40.77	40.77	1.5	ANNUAL	SRCGP2	5	
595614.53	4130411.04	0.2345	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
595654.53	4130411.04	0.21741	40.69	40.69	1.5	ANNUAL	SRCGP2	5	
595674.53	4130411.04	0.20956	40.67	40.67	1.5	ANNUAL	SRCGP2	5	
595694.53	4130411.04	0.20218	40.68	40.68	1.5	ANNUAL	SRCGP2	5	
595714.53	4130411.04	0.19525	40.71	40.71	1.5	ANNUAL	SRCGP2	5	
595734.53	4130411.04	0.18863	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
595774.53	4130411.04	0.17642	40.4	40.4	1.5	ANNUAL	SRCGP2	5	
595794.53	4130411.04	0.17081	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
595414.53	4130431.04	0.33752	40.71	40.71	1.5	ANNUAL	SRCGP2	5	
595434.53	4130431.04	0.32144	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
595454.53	4130431.04	0.30634	40.4	40.4	1.5	ANNUAL	SRCGP2	5	
595474.53	4130431.04	0.29296	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
595494.53	4130431.04	0.28016	40.55	40.55	1.5	ANNUAL	SRCGP2	5	
595514.53	4130431.04	0.26836	40.57	40.57	1.5	ANNUAL	SRCGP2	5	
595614.53	4130431.04	0.21973	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
595774.53	4130431.04	0.16692	40.4	40.4	1.5	ANNUAL	SRCGP2	5	
595794.53	4130431.04	0.16179	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
595414.53	4130451.04	0.31285	40.69	40.69	1.5	ANNUAL	SRCGP2	5	
595434.53	4130451.04	0.29842	40.59	40.59	1.5	ANNUAL	SRCGP2	5	
595454.53	4130451.04	0.28488	40.36	40.36	1.5	ANNUAL	SRCGP2	5	
595474.53	4130451.04	0.27287	40.59	40.59	1.5	ANNUAL	SRCGP2	5	
595494.53	4130451.04	0.26151	40.67	40.67	1.5	ANNUAL	SRCGP2	5	
595514.53	4130451.04	0.2507	40.56	40.56	1.5	ANNUAL	SRCGP2	5	
595614.53	4130451.04	0.20661	40.53	40.53	1.5	ANNUAL	SRCGP2	5	
595634.53	4130451.04	0.19945	40.72	40.72	1.5	ANNUAL	SRCGP2	5	
595654.53	4130451.04	0.19245	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
595674.53	4130451.04	0.18598	40.58	40.58	1.5	ANNUAL	SRCGP2	5	
595694.53	4130451.04	0.17977	40.45	40.45	1.5	ANNUAL	SRCGP2	5	
595714.53	4130451.04	0.17395	40.42	40.42	1.5	ANNUAL	SRCGP2	5	
595734.53	4130451.04	0.1685	40.5	40.5	1.5	ANNUAL	SRCGP2	5	
595774.53	4130451.04	0.15824	40.32	40.32	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.53	4130451.04	0.15353	40.33	40.33	1.5	ANNUAL	SRCGP2	5	
595414.53	4130471.04	0.29174	40.7	40.7	1.5	ANNUAL	SRCGP2	5	
595434.53	4130471.04	0.27869	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
595454.53	4130471.04	0.2663	40.3	40.3	1.5	ANNUAL	SRCGP2	5	
595474.53	4130471.04	0.25546	40.59	40.59	1.5	ANNUAL	SRCGP2	5	
595494.53	4130471.04	0.2451	40.67	40.67	1.5	ANNUAL	SRCGP2	5	
595514.53	4130471.04	0.23532	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
595614.53	4130471.04	0.19485	40.44	40.44	1.5	ANNUAL	SRCGP2	5	
595634.53	4130471.04	0.18826	40.58	40.58	1.5	ANNUAL	SRCGP2	5	
595654.53	4130471.04	0.18188	40.47	40.47	1.5	ANNUAL	SRCGP2	5	
595674.53	4130471.04	0.17593	40.5	40.5	1.5	ANNUAL	SRCGP2	5	
595694.53	4130471.04	0.17019	40.36	40.36	1.5	ANNUAL	SRCGP2	5	
595714.53	4130471.04	0.16477	40.23	40.23	1.5	ANNUAL	SRCGP2	5	
595734.53	4130471.04	0.15973	40.29	40.29	1.5	ANNUAL	SRCGP2	5	
595774.53	4130471.04	0.15031	40.25	40.25	1.5	ANNUAL	SRCGP2	5	
595794.53	4130471.04	0.14596	40.24	40.24	1.5	ANNUAL	SRCGP2	5	
595414.53	4130491.04	0.27349	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
595434.53	4130491.04	0.26161	40.59	40.59	1.5	ANNUAL	SRCGP2	5	
595454.53	4130491.04	0.25019	40.2	40.2	1.5	ANNUAL	SRCGP2	5	
595474.53	4130491.04	0.24018	40.42	40.42	1.5	ANNUAL	SRCGP2	5	
595494.53	4130491.04	0.23067	40.49	40.49	1.5	ANNUAL	SRCGP2	5	
595514.53	4130491.04	0.22184	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
595614.53	4130491.04	0.18438	40.26	40.26	1.5	ANNUAL	SRCGP2	5	
595634.53	4130491.04	0.1783	40.42	40.42	1.5	ANNUAL	SRCGP2	5	
595654.53	4130491.04	0.17241	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
595674.53	4130491.04	0.16686	40.31	40.31	1.5	ANNUAL	SRCGP2	5	
595694.53	4130491.04	0.16163	40.31	40.31	1.5	ANNUAL	SRCGP2	5	
595714.53	4130491.04	0.15658	40.15	40.15	1.5	ANNUAL	SRCGP2	5	
595734.53	4130491.04	0.15191	40.2	40.2	1.5	ANNUAL	SRCGP2	5	
594970.73	4130091.46	3.74028	44.35	44.35	1.5	ANNUAL	SRCGP2	5	
595473.2	4129914.46	1.29569	43.66	43.66	1.5	ANNUAL	SRCGP2	5	
595513.2	4129914.46	1.19624	43.35	43.35	1.5	ANNUAL	SRCGP2	5	
595533.2	4129914.46	1.14543	43.57	43.57	1.5	ANNUAL	SRCGP2	5	
595553.2	4129914.46	1.09596	43.62	43.62	1.5	ANNUAL	SRCGP2	5	
595573.2	4129914.46	1.04796	43.52	43.52	1.5	ANNUAL	SRCGP2	5	
595613.2	4129914.46	0.95578	43.31	43.31	1.5	ANNUAL	SRCGP2	5	
595633.2	4129914.46	0.91165	43.31	43.31	1.5	ANNUAL	SRCGP2	5	
595673.2	4129914.46	0.82931	42.87	42.87	1.5	ANNUAL	SRCGP2	5	
595693.2	4129914.46	0.79008	43	43	1.5	ANNUAL	SRCGP2	5	
595713.2	4129914.46	0.75315	42.82	42.82	1.5	ANNUAL	SRCGP2	5	
595733.2	4129914.46	0.7178	42.74	42.74	1.5	ANNUAL	SRCGP2	5	
595773.2	4129914.46	0.65236	42.48	42.48	1.5	ANNUAL	SRCGP2	5	
595793.2	4129914.46	0.62204	42.39	42.39	1.5	ANNUAL	SRCGP2	5	
595473.2	4129934.46	1.32825	43.44	43.44	1.5	ANNUAL	SRCGP2	5	
595513.2	4129934.46	1.21402	43.2	43.2	1.5	ANNUAL	SRCGP2	5	
595533.2	4129934.46	1.15771	43.29	43.29	1.5	ANNUAL	SRCGP2	5	
595553.2	4129934.46	1.10291	43.38	43.38	1.5	ANNUAL	SRCGP2	5	
595573.2	4129934.46	1.04989	43.47	43.47	1.5	ANNUAL	SRCGP2	5	
595613.2	4129934.46	0.95108	43.12	43.12	1.5	ANNUAL	SRCGP2	5	
595633.2	4129934.46	0.90443	43.06	43.06	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4129934.46	0.8178	42.78	42.78	1.5	ANNUAL	SRCGP2	5	
595693.2	4129934.46	0.77719	42.89	42.89	1.5	ANNUAL	SRCGP2	5	
595713.2	4129934.46	0.73902	42.81	42.81	1.5	ANNUAL	SRCGP2	5	
595733.2	4129934.46	0.70298	42.66	42.66	1.5	ANNUAL	SRCGP2	5	
595773.2	4129934.46	0.6365	42.47	42.47	1.5	ANNUAL	SRCGP2	5	
595793.2	4129934.46	0.606	42.36	42.36	1.5	ANNUAL	SRCGP2	5	
595473.2	4129954.46	1.35153	43.17	43.17	1.5	ANNUAL	SRCGP2	5	
595513.2	4129954.46	1.22314	42.98	42.98	1.5	ANNUAL	SRCGP2	5	
595533.2	4129954.46	1.16126	43.09	43.09	1.5	ANNUAL	SRCGP2	5	
595553.2	4129954.46	1.10203	43.11	43.11	1.5	ANNUAL	SRCGP2	5	
595573.2	4129954.46	1.04529	43.13	43.13	1.5	ANNUAL	SRCGP2	5	
595613.2	4129954.46	0.9398	43.09	43.09	1.5	ANNUAL	SRCGP2	5	
595633.2	4129954.46	0.89109	43.03	43.03	1.5	ANNUAL	SRCGP2	5	
595673.2	4129954.46	0.80169	42.7	42.7	1.5	ANNUAL	SRCGP2	5	
595693.2	4129954.46	0.76018	42.8	42.8	1.5	ANNUAL	SRCGP2	5	
595713.2	4129954.46	0.7216	42.6	42.6	1.5	ANNUAL	SRCGP2	5	
595733.2	4129954.46	0.68498	42.55	42.55	1.5	ANNUAL	SRCGP2	5	
595773.2	4129954.46	0.61817	42.44	42.44	1.5	ANNUAL	SRCGP2	5	
595793.2	4129954.46	0.5878	42.3	42.3	1.5	ANNUAL	SRCGP2	5	
595473.2	4129974.46	1.36317	43.09	43.09	1.5	ANNUAL	SRCGP2	5	
595513.2	4129974.46	1.22204	42.94	42.94	1.5	ANNUAL	SRCGP2	5	
595533.2	4129974.46	1.15573	42.94	42.94	1.5	ANNUAL	SRCGP2	5	
595553.2	4129974.46	1.09234	43.04	43.04	1.5	ANNUAL	SRCGP2	5	
595613.2	4129974.46	0.92266	42.97	42.97	1.5	ANNUAL	SRCGP2	5	
595633.2	4129974.46	0.87256	42.89	42.89	1.5	ANNUAL	SRCGP2	5	
595673.2	4129974.46	0.78138	42.59	42.59	1.5	ANNUAL	SRCGP2	5	
595693.2	4129974.46	0.7395	42.66	42.66	1.5	ANNUAL	SRCGP2	5	
595713.2	4129974.46	0.70057	42.58	42.58	1.5	ANNUAL	SRCGP2	5	
595733.2	4129974.46	0.66417	42.4	42.4	1.5	ANNUAL	SRCGP2	5	
595773.2	4129974.46	0.59783	42.19	42.19	1.5	ANNUAL	SRCGP2	5	
595793.2	4129974.46	0.56773	42.3	42.3	1.5	ANNUAL	SRCGP2	5	
595473.2	4129994.46	1.36321	42.95	42.95	1.5	ANNUAL	SRCGP2	5	
595513.2	4129994.46	1.21103	42.86	42.86	1.5	ANNUAL	SRCGP2	5	
595533.2	4129994.46	1.14084	42.87	42.87	1.5	ANNUAL	SRCGP2	5	
595553.2	4129994.46	1.07463	42.91	42.91	1.5	ANNUAL	SRCGP2	5	
595613.2	4129994.46	0.89982	42.84	42.84	1.5	ANNUAL	SRCGP2	5	
595633.2	4129994.46	0.84875	42.84	42.84	1.5	ANNUAL	SRCGP2	5	
595673.2	4129994.46	0.75721	42.47	42.47	1.5	ANNUAL	SRCGP2	5	
595693.2	4129994.46	0.71528	42.65	42.65	1.5	ANNUAL	SRCGP2	5	
595713.2	4129994.46	0.67677	42.5	42.5	1.5	ANNUAL	SRCGP2	5	
595733.2	4129994.46	0.64081	42.33	42.33	1.5	ANNUAL	SRCGP2	5	
595773.2	4129994.46	0.57555	42.21	42.21	1.5	ANNUAL	SRCGP2	5	
595793.2	4129994.46	0.54616	42.2	42.2	1.5	ANNUAL	SRCGP2	5	
595473.2	4130014.46	1.35015	42.98	42.98	1.5	ANNUAL	SRCGP2	5	
595513.2	4130014.46	1.19008	42.75	42.75	1.5	ANNUAL	SRCGP2	5	
595533.2	4130014.46	1.11678	42.88	42.88	1.5	ANNUAL	SRCGP2	5	
595553.2	4130014.46	1.04876	42.87	42.87	1.5	ANNUAL	SRCGP2	5	
595593.2	4130014.46	0.92712	42.52	42.52	1.5	ANNUAL	SRCGP2	5	
595613.2	4130014.46	0.87171	42.71	42.71	1.5	ANNUAL	SRCGP2	5	
595633.2	4130014.46	0.82064	42.7	42.7	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4130014.46	0.72971	42.38	42.38	1.5	ANNUAL	SRCGP2	5	
595693.2	4130014.46	0.68848	42.53	42.53	1.5	ANNUAL	SRCGP2	5	
595713.2	4130014.46	0.65061	42.41	42.41	1.5	ANNUAL	SRCGP2	5	
595733.2	4130014.46	0.61538	42.26	42.26	1.5	ANNUAL	SRCGP2	5	
595773.2	4130014.46	0.55191	42.18	42.18	1.5	ANNUAL	SRCGP2	5	
595793.2	4130014.46	0.52346	42.11	42.11	1.5	ANNUAL	SRCGP2	5	
595473.2	4130034.46	1.32503	42.9	42.9	1.5	ANNUAL	SRCGP2	5	
595513.2	4130034.46	1.15913	42.74	42.74	1.5	ANNUAL	SRCGP2	5	
595533.2	4130034.46	1.08471	42.76	42.76	1.5	ANNUAL	SRCGP2	5	
595553.2	4130034.46	1.01583	42.76	42.76	1.5	ANNUAL	SRCGP2	5	
595593.2	4130034.46	0.89395	42.44	42.44	1.5	ANNUAL	SRCGP2	5	
595613.2	4130034.46	0.83882	42.69	42.69	1.5	ANNUAL	SRCGP2	5	
595633.2	4130034.46	0.78861	42.61	42.61	1.5	ANNUAL	SRCGP2	5	
595673.2	4130034.46	0.69948	42.24	42.24	1.5	ANNUAL	SRCGP2	5	
595693.2	4130034.46	0.6594	42.43	42.43	1.5	ANNUAL	SRCGP2	5	
595713.2	4130034.46	0.62264	42.32	42.32	1.5	ANNUAL	SRCGP2	5	
595733.2	4130034.46	0.58845	42.22	42.22	1.5	ANNUAL	SRCGP2	5	
595773.2	4130034.46	0.52734	42.14	42.14	1.5	ANNUAL	SRCGP2	5	
595793.2	4130034.46	0.50004	42.03	42.03	1.5	ANNUAL	SRCGP2	5	
595473.2	4130054.46	1.28802	42.8	42.8	1.5	ANNUAL	SRCGP2	5	
595513.2	4130054.46	1.11974	42.61	42.61	1.5	ANNUAL	SRCGP2	5	
595533.2	4130054.46	1.04533	42.57	42.57	1.5	ANNUAL	SRCGP2	5	
595553.2	4130054.46	0.97662	42.62	42.62	1.5	ANNUAL	SRCGP2	5	
595593.2	4130054.46	0.85636	42.34	42.34	1.5	ANNUAL	SRCGP2	5	
595613.2	4130054.46	0.80242	42.59	42.59	1.5	ANNUAL	SRCGP2	5	
595633.2	4130054.46	0.7536	42.49	42.49	1.5	ANNUAL	SRCGP2	5	
595673.2	4130054.46	0.66713	42.16	42.16	1.5	ANNUAL	SRCGP2	5	
595693.2	4130054.46	0.62872	42.29	42.29	1.5	ANNUAL	SRCGP2	5	
595713.2	4130054.46	0.59327	42.22	42.22	1.5	ANNUAL	SRCGP2	5	
595733.2	4130054.46	0.56055	42.09	42.09	1.5	ANNUAL	SRCGP2	5	
595773.2	4130054.46	0.50222	42.19	42.19	1.5	ANNUAL	SRCGP2	5	
595793.2	4130054.46	0.47626	41.9	41.9	1.5	ANNUAL	SRCGP2	5	
595473.2	4130074.46	1.24014	42.7	42.7	1.5	ANNUAL	SRCGP2	5	
595513.2	4130074.46	1.0729	42.43	42.43	1.5	ANNUAL	SRCGP2	5	
595533.2	4130074.46	0.99916	42.53	42.53	1.5	ANNUAL	SRCGP2	5	
595553.2	4130074.46	0.93219	42.49	42.49	1.5	ANNUAL	SRCGP2	5	
595593.2	4130074.46	0.81512	42.2	42.2	1.5	ANNUAL	SRCGP2	5	
595613.2	4130074.46	0.76359	42.35	42.35	1.5	ANNUAL	SRCGP2	5	
595633.2	4130074.46	0.71635	42.38	42.38	1.5	ANNUAL	SRCGP2	5	
595673.2	4130074.46	0.63346	42.03	42.03	1.5	ANNUAL	SRCGP2	5	
595693.2	4130074.46	0.59686	42.2	42.2	1.5	ANNUAL	SRCGP2	5	
595713.2	4130074.46	0.56318	42.18	42.18	1.5	ANNUAL	SRCGP2	5	
595733.2	4130074.46	0.53214	42.01	42.01	1.5	ANNUAL	SRCGP2	5	
595773.2	4130074.46	0.47698	41.96	41.96	1.5	ANNUAL	SRCGP2	5	
595793.2	4130074.46	0.45242	41.81	41.81	1.5	ANNUAL	SRCGP2	5	
595473.2	4130094.46	1.18312	42.58	42.58	1.5	ANNUAL	SRCGP2	5	
595513.2	4130094.46	1.01955	42.37	42.37	1.5	ANNUAL	SRCGP2	5	
595533.2	4130094.46	0.94834	42.4	42.4	1.5	ANNUAL	SRCGP2	5	
595553.2	4130094.46	0.8838	42.37	42.37	1.5	ANNUAL	SRCGP2	5	
595593.2	4130094.46	0.77141	42.17	42.17	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4130094.46	0.72238	42.32	42.32	1.5	ANNUAL	SRCGP2	5	
595633.2	4130094.46	0.67763	42.33	42.33	1.5	ANNUAL	SRCGP2	5	
595673.2	4130094.46	0.5991	41.97	41.97	1.5	ANNUAL	SRCGP2	5	
595693.2	4130094.46	0.56458	42.11	42.11	1.5	ANNUAL	SRCGP2	5	
595713.2	4130094.46	0.53289	42.1	42.1	1.5	ANNUAL	SRCGP2	5	
595733.2	4130094.46	0.50369	41.88	41.88	1.5	ANNUAL	SRCGP2	5	
595773.2	4130094.46	0.45191	41.82	41.82	1.5	ANNUAL	SRCGP2	5	
595793.2	4130094.46	0.42878	41.67	41.67	1.5	ANNUAL	SRCGP2	5	
595473.2	4130114.46	1.11845	42.56	42.56	1.5	ANNUAL	SRCGP2	5	
595513.2	4130114.46	0.96165	42.3	42.3	1.5	ANNUAL	SRCGP2	5	
595533.2	4130114.46	0.89395	42.26	42.26	1.5	ANNUAL	SRCGP2	5	
595553.2	4130114.46	0.83258	42.21	42.21	1.5	ANNUAL	SRCGP2	5	
595593.2	4130114.46	0.72631	42.02	42.02	1.5	ANNUAL	SRCGP2	5	
595613.2	4130114.46	0.68024	42.27	42.27	1.5	ANNUAL	SRCGP2	5	
595633.2	4130114.46	0.6382	42.14	42.14	1.5	ANNUAL	SRCGP2	5	
595673.2	4130114.46	0.56468	41.87	41.87	1.5	ANNUAL	SRCGP2	5	
595693.2	4130114.46	0.53247	41.98	41.98	1.5	ANNUAL	SRCGP2	5	
595713.2	4130114.46	0.50286	41.93	41.93	1.5	ANNUAL	SRCGP2	5	
595733.2	4130114.46	0.47557	41.76	41.76	1.5	ANNUAL	SRCGP2	5	
595773.2	4130114.46	0.42722	41.7	41.7	1.5	ANNUAL	SRCGP2	5	
595793.2	4130114.46	0.40563	41.51	41.51	1.5	ANNUAL	SRCGP2	5	
595473.2	4130134.46	1.04933	42.41	42.41	1.5	ANNUAL	SRCGP2	5	
595513.2	4130134.46	0.90089	42.23	42.23	1.5	ANNUAL	SRCGP2	5	
595533.2	4130134.46	0.83735	42.17	42.17	1.5	ANNUAL	SRCGP2	5	
595553.2	4130134.46	0.77998	42.16	42.16	1.5	ANNUAL	SRCGP2	5	
595593.2	4130134.46	0.6809	42	42	1.5	ANNUAL	SRCGP2	5	
595613.2	4130134.46	0.63801	42.16	42.16	1.5	ANNUAL	SRCGP2	5	
595633.2	4130134.46	0.59899	42.11	42.11	1.5	ANNUAL	SRCGP2	5	
595673.2	4130134.46	0.5307	41.76	41.76	1.5	ANNUAL	SRCGP2	5	
595693.2	4130134.46	0.50092	41.95	41.95	1.5	ANNUAL	SRCGP2	5	
595713.2	4130134.46	0.4735	41.85	41.85	1.5	ANNUAL	SRCGP2	5	
595733.2	4130134.46	0.44811	41.68	41.68	1.5	ANNUAL	SRCGP2	5	
595773.2	4130134.46	0.40334	41.62	41.62	1.5	ANNUAL	SRCGP2	5	
595793.2	4130134.46	0.38333	41.43	41.43	1.5	ANNUAL	SRCGP2	5	
594298.04	4130501.51	0.45868	42.76	42.76	1.5	ANNUAL	SRCGP2	5	
594318.04	4130501.51	0.50543	42.79	42.79	1.5	ANNUAL	SRCGP2	5	
594338.04	4130501.51	0.55889	42.79	42.79	1.5	ANNUAL	SRCGP2	5	
594358.04	4130501.51	0.6206	42.61	42.61	1.5	ANNUAL	SRCGP2	5	
594378.04	4130501.51	0.69143	42.45	42.45	1.5	ANNUAL	SRCGP2	5	
594398.04	4130501.51	0.77246	42.44	42.44	1.5	ANNUAL	SRCGP2	5	
594418.04	4130501.51	0.86516	42.6	42.6	1.5	ANNUAL	SRCGP2	5	
594438.04	4130501.51	0.97355	42.24	42.24	1.5	ANNUAL	SRCGP2	5	
594458.04	4130501.51	1.09697	42.35	42.35	1.5	ANNUAL	SRCGP2	5	
594498.04	4130501.51	1.40056	42.37	42.37	1.5	ANNUAL	SRCGP2	5	
594518.04	4130501.51	1.58238	42.63	42.63	1.5	ANNUAL	SRCGP2	5	
594538.04	4130501.51	1.78903	42.53	42.53	1.5	ANNUAL	SRCGP2	5	
594298.04	4130521.51	0.48968	42.61	42.61	1.5	ANNUAL	SRCGP2	5	
594318.04	4130521.51	0.53904	42.51	42.51	1.5	ANNUAL	SRCGP2	5	
594338.04	4130521.51	0.59523	42.22	42.22	1.5	ANNUAL	SRCGP2	5	
594358.04	4130521.51	0.65835	42.44	42.44	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594378.04	4130521.51	0.73071	42.11	42.11	1.5	ANNUAL	SRCGP2	5	
594398.04	4130521.51	0.81259	42.04	42.04	1.5	ANNUAL	SRCGP2	5	
594418.04	4130521.51	0.90556	42.03	42.03	1.5	ANNUAL	SRCGP2	5	
594438.04	4130521.51	1.01081	41.99	41.99	1.5	ANNUAL	SRCGP2	5	
594458.04	4130521.51	1.12955	42.1	42.1	1.5	ANNUAL	SRCGP2	5	
594498.04	4130521.51	1.41099	42.08	42.08	1.5	ANNUAL	SRCGP2	5	
594518.04	4130521.51	1.5741	41.98	41.98	1.5	ANNUAL	SRCGP2	5	
594538.04	4130521.51	1.75069	42.22	42.22	1.5	ANNUAL	SRCGP2	5	
594298.04	4130541.51	0.51819	42.39	42.39	1.5	ANNUAL	SRCGP2	5	
594318.04	4130541.51	0.56884	42.35	42.35	1.5	ANNUAL	SRCGP2	5	
594358.04	4130541.51	0.68974	41.94	41.94	1.5	ANNUAL	SRCGP2	5	
594418.04	4130541.51	0.93156	41.79	41.79	1.5	ANNUAL	SRCGP2	5	
594438.04	4130541.51	1.03127	41.78	41.78	1.5	ANNUAL	SRCGP2	5	
594458.04	4130541.51	1.14167	41.99	41.99	1.5	ANNUAL	SRCGP2	5	
594498.04	4130541.51	1.39269	42	42	1.5	ANNUAL	SRCGP2	5	
594518.04	4130541.51	1.53137	41.79	41.79	1.5	ANNUAL	SRCGP2	5	
594538.04	4130541.51	1.67694	42.03	42.03	1.5	ANNUAL	SRCGP2	5	
594298.04	4130561.51	0.54283	42.12	42.12	1.5	ANNUAL	SRCGP2	5	
594318.04	4130561.51	0.59372	41.8	41.8	1.5	ANNUAL	SRCGP2	5	
594798.04	4130621.51	1.15152	40.79	40.79	1.5	ANNUAL	SRCGP2	5	
594818.04	4130621.51	1.0656	40.8	40.8	1.5	ANNUAL	SRCGP2	5	
594838.04	4130621.51	0.9686	40.83	40.83	1.5	ANNUAL	SRCGP2	5	
594858.04	4130621.51	0.87068	41.04	41.04	1.5	ANNUAL	SRCGP2	5	
594878.04	4130621.51	0.77772	41.03	41.03	1.5	ANNUAL	SRCGP2	5	
594898.04	4130621.51	0.6966	40.95	40.95	1.5	ANNUAL	SRCGP2	5	
594918.04	4130621.51	0.62909	40.75	40.75	1.5	ANNUAL	SRCGP2	5	
594938.04	4130621.51	0.57601	40.91	40.91	1.5	ANNUAL	SRCGP2	5	
594958.04	4130621.51	0.53273	41.06	41.06	1.5	ANNUAL	SRCGP2	5	
594978.04	4130621.51	0.49545	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
594998.04	4130621.51	0.46391	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
595018.04	4130621.51	0.43591	40.76	40.76	1.5	ANNUAL	SRCGP2	5	
595038.04	4130621.51	0.41152	40.9	40.9	1.5	ANNUAL	SRCGP2	5	
595058.04	4130621.51	0.38957	40.93	40.93	1.5	ANNUAL	SRCGP2	5	
595078.04	4130621.51	0.36988	40.84	40.84	1.5	ANNUAL	SRCGP2	5	
595118.04	4130621.51	0.33673	40.61	40.61	1.5	ANNUAL	SRCGP2	5	
595138.04	4130621.51	0.32273	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
595158.04	4130621.51	0.31	40.48	40.48	1.5	ANNUAL	SRCGP2	5	
595198.04	4130621.51	0.28726	40.38	40.38	1.5	ANNUAL	SRCGP2	5	
595218.04	4130621.51	0.27669	40.2	40.2	1.5	ANNUAL	SRCGP2	5	
595238.04	4130621.51	0.26693	40.28	40.28	1.5	ANNUAL	SRCGP2	5	
595578.04	4130621.51	0.14743	39.46	39.46	1.5	ANNUAL	SRCGP2	5	
595598.04	4130621.51	0.14292	39.52	39.52	1.5	ANNUAL	SRCGP2	5	
595618.04	4130621.51	0.13859	39.49	39.49	1.5	ANNUAL	SRCGP2	5	
595638.04	4130621.51	0.13444	39.43	39.43	1.5	ANNUAL	SRCGP2	5	
595658.04	4130621.51	0.13053	39.48	39.48	1.5	ANNUAL	SRCGP2	5	
595678.04	4130621.51	0.12678	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
595778.04	4130621.51	0.11048	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
594758.04	4130641.51	1.10999	40.38	40.38	1.5	ANNUAL	SRCGP2	5	
594778.04	4130641.51	1.06988	40.61	40.61	1.5	ANNUAL	SRCGP2	5	
594798.04	4130641.51	1.01097	40.58	40.58	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594818.04	4130641.51	0.93805	40.58	40.58	1.5	ANNUAL	SRCGP2	5	
594838.04	4130641.51	0.85624	40.56	40.56	1.5	ANNUAL	SRCGP2	5	
594858.04	4130641.51	0.77365	40.68	40.68	1.5	ANNUAL	SRCGP2	5	
594878.04	4130641.51	0.69527	40.67	40.67	1.5	ANNUAL	SRCGP2	5	
594898.04	4130641.51	0.62655	40.69	40.69	1.5	ANNUAL	SRCGP2	5	
594918.04	4130641.51	0.56834	40.52	40.52	1.5	ANNUAL	SRCGP2	5	
594938.04	4130641.51	0.52251	40.8	40.8	1.5	ANNUAL	SRCGP2	5	
594958.04	4130641.51	0.48425	40.82	40.82	1.5	ANNUAL	SRCGP2	5	
594978.04	4130641.51	0.45207	40.77	40.77	1.5	ANNUAL	SRCGP2	5	
594998.04	4130641.51	0.42424	40.68	40.68	1.5	ANNUAL	SRCGP2	5	
595018.04	4130641.51	0.39958	40.57	40.57	1.5	ANNUAL	SRCGP2	5	
595038.04	4130641.51	0.37816	40.79	40.79	1.5	ANNUAL	SRCGP2	5	
595058.04	4130641.51	0.35843	40.77	40.77	1.5	ANNUAL	SRCGP2	5	
595078.04	4130641.51	0.34059	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
595118.04	4130641.51	0.31063	40.47	40.47	1.5	ANNUAL	SRCGP2	5	
595138.04	4130641.51	0.29802	40.42	40.42	1.5	ANNUAL	SRCGP2	5	
595158.04	4130641.51	0.28666	40.41	40.41	1.5	ANNUAL	SRCGP2	5	
595198.04	4130641.51	0.26648	40.25	40.25	1.5	ANNUAL	SRCGP2	5	
595218.04	4130641.51	0.25724	40.07	40.07	1.5	ANNUAL	SRCGP2	5	
595238.04	4130641.51	0.24851	39.92	39.92	1.5	ANNUAL	SRCGP2	5	
595278.04	4130641.51	0.23235	39.83	39.83	1.5	ANNUAL	SRCGP2	5	
595298.04	4130641.51	0.22492	40.01	40.01	1.5	ANNUAL	SRCGP2	5	
595318.04	4130641.51	0.21758	40.05	40.05	1.5	ANNUAL	SRCGP2	5	
595338.04	4130641.51	0.21024	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
595378.04	4130641.51	0.19651	39.67	39.67	1.5	ANNUAL	SRCGP2	5	
595398.04	4130641.51	0.19005	39.65	39.65	1.5	ANNUAL	SRCGP2	5	
595418.04	4130641.51	0.18374	39.52	39.52	1.5	ANNUAL	SRCGP2	5	
595438.04	4130641.51	0.17771	39.45	39.45	1.5	ANNUAL	SRCGP2	5	
595478.04	4130641.51	0.16657	39.63	39.63	1.5	ANNUAL	SRCGP2	5	
595498.04	4130641.51	0.16117	39.45	39.45	1.5	ANNUAL	SRCGP2	5	
595518.04	4130641.51	0.15609	39.44	39.44	1.5	ANNUAL	SRCGP2	5	
595538.04	4130641.51	0.15131	39.56	39.56	1.5	ANNUAL	SRCGP2	5	
595578.04	4130641.51	0.14202	39.18	39.18	1.5	ANNUAL	SRCGP2	5	
595598.04	4130641.51	0.13777	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595618.04	4130641.51	0.13369	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
595638.04	4130641.51	0.12983	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595658.04	4130641.51	0.12612	39.18	39.18	1.5	ANNUAL	SRCGP2	5	
595678.04	4130641.51	0.12259	39.21	39.21	1.5	ANNUAL	SRCGP2	5	
595718.04	4130641.51	0.11595	39.19	39.19	1.5	ANNUAL	SRCGP2	5	
595738.04	4130641.51	0.11286	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
595758.04	4130641.51	0.10982	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
595778.04	4130641.51	0.10697	38.99	38.99	1.5	ANNUAL	SRCGP2	5	
594538.04	4130661.51	1.03136	40.75	40.75	1.5	ANNUAL	SRCGP2	5	
594558.04	4130661.51	1.04643	40.57	40.57	1.5	ANNUAL	SRCGP2	5	
594578.04	4130661.51	1.05761	40.72	40.72	1.5	ANNUAL	SRCGP2	5	
594598.04	4130661.51	1.06093	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
594618.04	4130661.51	1.05915	40.51	40.51	1.5	ANNUAL	SRCGP2	5	
594718.04	4130661.51	1.02411	40.36	40.36	1.5	ANNUAL	SRCGP2	5	
594738.04	4130661.51	1.00636	40.07	40.07	1.5	ANNUAL	SRCGP2	5	
594758.04	4130661.51	0.9815	40.08	40.08	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594778.04	4130661.51	0.94486	40.2	40.2	1.5	ANNUAL	SRCGP2	5	
594798.04	4130661.51	0.89406	40.23	40.23	1.5	ANNUAL	SRCGP2	5	
594818.04	4130661.51	0.83222	40.31	40.31	1.5	ANNUAL	SRCGP2	5	
594838.04	4130661.51	0.76254	40.25	40.25	1.5	ANNUAL	SRCGP2	5	
594858.04	4130661.51	0.69278	40.41	40.41	1.5	ANNUAL	SRCGP2	5	
594878.04	4130661.51	0.62618	40.45	40.45	1.5	ANNUAL	SRCGP2	5	
594898.04	4130661.51	0.56713	40.5	40.5	1.5	ANNUAL	SRCGP2	5	
594918.04	4130661.51	0.51631	40.3	40.3	1.5	ANNUAL	SRCGP2	5	
594938.04	4130661.51	0.47609	40.58	40.58	1.5	ANNUAL	SRCGP2	5	
594958.04	4130661.51	0.44268	40.72	40.72	1.5	ANNUAL	SRCGP2	5	
594978.04	4130661.51	0.41386	40.49	40.49	1.5	ANNUAL	SRCGP2	5	
594998.04	4130661.51	0.38977	40.57	40.57	1.5	ANNUAL	SRCGP2	5	
595018.04	4130661.51	0.36795	40.43	40.43	1.5	ANNUAL	SRCGP2	5	
595038.04	4130661.51	0.34912	40.73	40.73	1.5	ANNUAL	SRCGP2	5	
595058.04	4130661.51	0.33125	40.58	40.58	1.5	ANNUAL	SRCGP2	5	
595078.04	4130661.51	0.31511	40.44	40.44	1.5	ANNUAL	SRCGP2	5	
595118.04	4130661.51	0.28783	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
595138.04	4130661.51	0.27636	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
595158.04	4130661.51	0.26603	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
595198.04	4130661.51	0.24777	40.08	40.08	1.5	ANNUAL	SRCGP2	5	
595218.04	4130661.51	0.23966	39.97	39.97	1.5	ANNUAL	SRCGP2	5	
595238.04	4130661.51	0.23205	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
595278.04	4130661.51	0.21786	39.73	39.73	1.5	ANNUAL	SRCGP2	5	
595298.04	4130661.51	0.21137	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
595318.04	4130661.51	0.20488	39.83	39.83	1.5	ANNUAL	SRCGP2	5	
595338.04	4130661.51	0.19854	39.72	39.72	1.5	ANNUAL	SRCGP2	5	
595378.04	4130661.51	0.18647	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
595398.04	4130661.51	0.1807	39.53	39.53	1.5	ANNUAL	SRCGP2	5	
595418.04	4130661.51	0.17504	39.37	39.37	1.5	ANNUAL	SRCGP2	5	
595438.04	4130661.51	0.16965	39.33	39.33	1.5	ANNUAL	SRCGP2	5	
595478.04	4130661.51	0.15953	39.44	39.44	1.5	ANNUAL	SRCGP2	5	
595498.04	4130661.51	0.15469	39.42	39.42	1.5	ANNUAL	SRCGP2	5	
595518.04	4130661.51	0.15001	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
595538.04	4130661.51	0.14555	39.41	39.41	1.5	ANNUAL	SRCGP2	5	
595578.04	4130661.51	0.13695	39.06	39.06	1.5	ANNUAL	SRCGP2	5	
595598.04	4130661.51	0.13297	39	39	1.5	ANNUAL	SRCGP2	5	
595618.04	4130661.51	0.12919	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
595638.04	4130661.51	0.12554	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
595658.04	4130661.51	0.12203	39	39	1.5	ANNUAL	SRCGP2	5	
595678.04	4130661.51	0.11868	39	39	1.5	ANNUAL	SRCGP2	5	
595698.04	4130661.51	0.11549	39.07	39.07	1.5	ANNUAL	SRCGP2	5	
595718.04	4130661.51	0.11237	38.94	38.94	1.5	ANNUAL	SRCGP2	5	
595738.04	4130661.51	0.10947	39.1	39.1	1.5	ANNUAL	SRCGP2	5	
595758.04	4130661.51	0.1066	39	39	1.5	ANNUAL	SRCGP2	5	
595778.04	4130661.51	0.1039	39.01	39.01	1.5	ANNUAL	SRCGP2	5	
595798.04	4130661.51	0.10122	38.79	38.79	1.5	ANNUAL	SRCGP2	5	
594418.04	4130681.51	0.79305	40.87	40.87	1.5	ANNUAL	SRCGP2	5	
594438.04	4130681.51	0.82574	40.87	40.87	1.5	ANNUAL	SRCGP2	5	
594458.04	4130681.51	0.85579	40.79	40.79	1.5	ANNUAL	SRCGP2	5	
594478.04	4130681.51	0.88274	40.7	40.7	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130681.51	0.9071	40.83	40.83	1.5	ANNUAL	SRCGP2	5	
594518.04	4130681.51	0.92516	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
594538.04	4130681.51	0.93882	40.52	40.52	1.5	ANNUAL	SRCGP2	5	
594558.04	4130681.51	0.94734	40.43	40.43	1.5	ANNUAL	SRCGP2	5	
594578.04	4130681.51	0.95191	40.5	40.5	1.5	ANNUAL	SRCGP2	5	
594598.04	4130681.51	0.95194	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
594618.04	4130681.51	0.94848	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
594718.04	4130681.51	0.91481	40.22	40.22	1.5	ANNUAL	SRCGP2	5	
594738.04	4130681.51	0.89772	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
594758.04	4130681.51	0.87491	39.86	39.86	1.5	ANNUAL	SRCGP2	5	
594778.04	4130681.51	0.84182	39.95	39.95	1.5	ANNUAL	SRCGP2	5	
594798.04	4130681.51	0.79795	40.09	40.09	1.5	ANNUAL	SRCGP2	5	
594818.04	4130681.51	0.74435	40.15	40.15	1.5	ANNUAL	SRCGP2	5	
594838.04	4130681.51	0.68402	39.99	39.99	1.5	ANNUAL	SRCGP2	5	
594858.04	4130681.51	0.62417	40.12	40.12	1.5	ANNUAL	SRCGP2	5	
594878.04	4130681.51	0.56717	40.23	40.23	1.5	ANNUAL	SRCGP2	5	
594898.04	4130681.51	0.51607	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
594918.04	4130681.51	0.47134	40.08	40.08	1.5	ANNUAL	SRCGP2	5	
594938.04	4130681.51	0.43575	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
594958.04	4130681.51	0.40586	40.38	40.38	1.5	ANNUAL	SRCGP2	5	
594978.04	4130681.51	0.38085	40.39	40.39	1.5	ANNUAL	SRCGP2	5	
594998.04	4130681.51	0.35937	40.4	40.4	1.5	ANNUAL	SRCGP2	5	
595018.04	4130681.51	0.34018	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
595038.04	4130681.51	0.32347	40.62	40.62	1.5	ANNUAL	SRCGP2	5	
595058.04	4130681.51	0.30747	40.47	40.47	1.5	ANNUAL	SRCGP2	5	
595078.04	4130681.51	0.29309	40.48	40.48	1.5	ANNUAL	SRCGP2	5	
595118.04	4130681.51	0.26804	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
595138.04	4130681.51	0.25719	40.12	40.12	1.5	ANNUAL	SRCGP2	5	
595158.04	4130681.51	0.24778	40.21	40.21	1.5	ANNUAL	SRCGP2	5	
595198.04	4130681.51	0.23113	40.01	40.01	1.5	ANNUAL	SRCGP2	5	
595218.04	4130681.51	0.2239	39.99	39.99	1.5	ANNUAL	SRCGP2	5	
595238.04	4130681.51	0.21708	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
595278.04	4130681.51	0.20446	39.63	39.63	1.5	ANNUAL	SRCGP2	5	
595298.04	4130681.51	0.19875	39.76	39.76	1.5	ANNUAL	SRCGP2	5	
595318.04	4130681.51	0.19318	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
595338.04	4130681.51	0.18751	39.6	39.6	1.5	ANNUAL	SRCGP2	5	
595378.04	4130681.51	0.17684	39.42	39.42	1.5	ANNUAL	SRCGP2	5	
595398.04	4130681.51	0.17182	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
595418.04	4130681.51	0.16665	39.14	39.14	1.5	ANNUAL	SRCGP2	5	
595438.04	4130681.51	0.16181	39.06	39.06	1.5	ANNUAL	SRCGP2	5	
595478.04	4130681.51	0.15279	39.32	39.32	1.5	ANNUAL	SRCGP2	5	
595498.04	4130681.51	0.14841	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
595518.04	4130681.51	0.14416	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
595538.04	4130681.51	0.14007	39.33	39.33	1.5	ANNUAL	SRCGP2	5	
595578.04	4130681.51	0.13223	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
595598.04	4130681.51	0.12856	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
595618.04	4130681.51	0.12503	39.27	39.27	1.5	ANNUAL	SRCGP2	5	
595638.04	4130681.51	0.12158	39.21	39.21	1.5	ANNUAL	SRCGP2	5	
595658.04	4130681.51	0.11829	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595678.04	4130681.51	0.11511	39.14	39.14	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130681.51	0.11199	38.92	38.92	1.5	ANNUAL	SRCGP2	5	
595718.04	4130681.51	0.10902	38.79	38.79	1.5	ANNUAL	SRCGP2	5	
595738.04	4130681.51	0.1063	38.98	38.98	1.5	ANNUAL	SRCGP2	5	
595758.04	4130681.51	0.10362	39.06	39.06	1.5	ANNUAL	SRCGP2	5	
595778.04	4130681.51	0.10103	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595798.04	4130681.51	0.09838	38.55	38.55	1.5	ANNUAL	SRCGP2	5	
594318.04	4130701.51	0.60205	40.53	40.53	1.5	ANNUAL	SRCGP2	5	
594338.04	4130701.51	0.63291	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
594358.04	4130701.51	0.66305	40.54	40.54	1.5	ANNUAL	SRCGP2	5	
594378.04	4130701.51	0.69333	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
594398.04	4130701.51	0.72252	40.66	40.66	1.5	ANNUAL	SRCGP2	5	
594418.04	4130701.51	0.75007	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
594438.04	4130701.51	0.77584	40.63	40.63	1.5	ANNUAL	SRCGP2	5	
594458.04	4130701.51	0.7988	40.56	40.56	1.5	ANNUAL	SRCGP2	5	
594478.04	4130701.51	0.81879	40.52	40.52	1.5	ANNUAL	SRCGP2	5	
594498.04	4130701.51	0.836	40.64	40.64	1.5	ANNUAL	SRCGP2	5	
594518.04	4130701.51	0.84761	40.46	40.46	1.5	ANNUAL	SRCGP2	5	
594538.04	4130701.51	0.85577	40.44	40.44	1.5	ANNUAL	SRCGP2	5	
594558.04	4130701.51	0.85902	40.3	40.3	1.5	ANNUAL	SRCGP2	5	
594578.04	4130701.51	0.85922	40.29	40.29	1.5	ANNUAL	SRCGP2	5	
594598.04	4130701.51	0.85683	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
594618.04	4130701.51	0.85124	40.16	40.16	1.5	ANNUAL	SRCGP2	5	
595278.04	4130701.51	0.19209	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
595298.04	4130701.51	0.187	39.58	39.58	1.5	ANNUAL	SRCGP2	5	
595318.04	4130701.51	0.18215	39.73	39.73	1.5	ANNUAL	SRCGP2	5	
595338.04	4130701.51	0.17719	39.54	39.54	1.5	ANNUAL	SRCGP2	5	
595378.04	4130701.51	0.16777	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
595398.04	4130701.51	0.16324	39.26	39.26	1.5	ANNUAL	SRCGP2	5	
595418.04	4130701.51	0.1587	39.02	39.02	1.5	ANNUAL	SRCGP2	5	
595438.04	4130701.51	0.15435	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
595478.04	4130701.51	0.14626	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
595498.04	4130701.51	0.14232	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595518.04	4130701.51	0.1385	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
595538.04	4130701.51	0.13472	39.18	39.18	1.5	ANNUAL	SRCGP2	5	
595578.04	4130701.51	0.12757	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595598.04	4130701.51	0.12417	39.18	39.18	1.5	ANNUAL	SRCGP2	5	
595618.04	4130701.51	0.1209	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
595638.04	4130701.51	0.11766	39.09	39.09	1.5	ANNUAL	SRCGP2	5	
595658.04	4130701.51	0.1145	38.86	38.86	1.5	ANNUAL	SRCGP2	5	
595678.04	4130701.51	0.11157	38.95	38.95	1.5	ANNUAL	SRCGP2	5	
595698.04	4130701.51	0.10869	38.87	38.87	1.5	ANNUAL	SRCGP2	5	
595718.04	4130701.51	0.10601	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
595738.04	4130701.51	0.10337	39.16	39.16	1.5	ANNUAL	SRCGP2	5	
595758.04	4130701.51	0.10076	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595778.04	4130701.51	0.09834	39.18	39.18	1.5	ANNUAL	SRCGP2	5	
595798.04	4130701.51	0.09587	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
594318.04	4130721.51	0.58444	40.39	40.39	1.5	ANNUAL	SRCGP2	5	
594338.04	4130721.51	0.61094	40.5	40.5	1.5	ANNUAL	SRCGP2	5	
594358.04	4130721.51	0.63646	40.44	40.44	1.5	ANNUAL	SRCGP2	5	
594378.04	4130721.51	0.66116	40.39	40.39	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398.04	4130721.51	0.685	40.45	40.45	1.5	ANNUAL	SRCGP2	5	
594418.04	4130721.51	0.7073	40.52	40.52	1.5	ANNUAL	SRCGP2	5	
594438.04	4130721.51	0.72705	40.47	40.47	1.5	ANNUAL	SRCGP2	5	
594458.04	4130721.51	0.74411	40.39	40.39	1.5	ANNUAL	SRCGP2	5	
594478.04	4130721.51	0.75821	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
594498.04	4130721.51	0.76978	40.43	40.43	1.5	ANNUAL	SRCGP2	5	
594518.04	4130721.51	0.77707	40.38	40.38	1.5	ANNUAL	SRCGP2	5	
594538.04	4130721.51	0.78048	40.27	40.27	1.5	ANNUAL	SRCGP2	5	
594558.04	4130721.51	0.7804	40.13	40.13	1.5	ANNUAL	SRCGP2	5	
594578.04	4130721.51	0.77847	40.15	40.15	1.5	ANNUAL	SRCGP2	5	
594598.04	4130721.51	0.77435	40.1	40.1	1.5	ANNUAL	SRCGP2	5	
594618.04	4130721.51	0.76937	40.04	40.04	1.5	ANNUAL	SRCGP2	5	
594678.04	4130721.51	0.75702	40.05	40.05	1.5	ANNUAL	SRCGP2	5	
594698.04	4130721.51	0.75197	40.01	40.01	1.5	ANNUAL	SRCGP2	5	
594718.04	4130721.51	0.7433	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
594758.04	4130721.51	0.70933	39.57	39.57	1.5	ANNUAL	SRCGP2	5	
594778.04	4130721.51	0.68224	39.66	39.66	1.5	ANNUAL	SRCGP2	5	
594798.04	4130721.51	0.64682	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
594818.04	4130721.51	0.60566	39.62	39.62	1.5	ANNUAL	SRCGP2	5	
594838.04	4130721.51	0.56068	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
594858.04	4130721.51	0.51563	39.71	39.71	1.5	ANNUAL	SRCGP2	5	
594878.04	4130721.51	0.47195	39.69	39.69	1.5	ANNUAL	SRCGP2	5	
594898.04	4130721.51	0.43248	39.71	39.71	1.5	ANNUAL	SRCGP2	5	
594938.04	4130721.51	0.3694	39.8	39.8	1.5	ANNUAL	SRCGP2	5	
594958.04	4130721.51	0.34589	40.05	40.05	1.5	ANNUAL	SRCGP2	5	
594978.04	4130721.51	0.32593	40.13	40.13	1.5	ANNUAL	SRCGP2	5	
594998.04	4130721.51	0.30884	40.18	40.18	1.5	ANNUAL	SRCGP2	5	
595018.04	4130721.51	0.29356	40.07	40.07	1.5	ANNUAL	SRCGP2	5	
595038.04	4130721.51	0.28026	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
595058.04	4130721.51	0.26744	40.18	40.18	1.5	ANNUAL	SRCGP2	5	
595078.04	4130721.51	0.2556	40.08	40.08	1.5	ANNUAL	SRCGP2	5	
595118.04	4130721.51	0.23463	39.96	39.96	1.5	ANNUAL	SRCGP2	5	
595138.04	4130721.51	0.22554	39.98	39.98	1.5	ANNUAL	SRCGP2	5	
595158.04	4130721.51	0.21723	39.92	39.92	1.5	ANNUAL	SRCGP2	5	
595198.04	4130721.51	0.20287	39.74	39.74	1.5	ANNUAL	SRCGP2	5	
595218.04	4130721.51	0.19674	39.74	39.74	1.5	ANNUAL	SRCGP2	5	
595238.04	4130721.51	0.19109	39.7	39.7	1.5	ANNUAL	SRCGP2	5	
595278.04	4130721.51	0.18087	39.52	39.52	1.5	ANNUAL	SRCGP2	5	
595298.04	4130721.51	0.17635	39.66	39.66	1.5	ANNUAL	SRCGP2	5	
595318.04	4130721.51	0.17187	39.58	39.58	1.5	ANNUAL	SRCGP2	5	
595338.04	4130721.51	0.16752	39.48	39.48	1.5	ANNUAL	SRCGP2	5	
595378.04	4130721.51	0.15916	39.23	39.23	1.5	ANNUAL	SRCGP2	5	
595398.04	4130721.51	0.15514	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
595418.04	4130721.51	0.15113	38.92	38.92	1.5	ANNUAL	SRCGP2	5	
595438.04	4130721.51	0.14719	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
595478.04	4130721.51	0.14003	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595498.04	4130721.51	0.13645	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
595518.04	4130721.51	0.13296	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595538.04	4130721.51	0.12956	39.06	39.06	1.5	ANNUAL	SRCGP2	5	
595578.04	4130721.51	0.12301	39.04	39.04	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598.04	4130721.51	0.11991	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
595618.04	4130721.51	0.11683	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
595638.04	4130721.51	0.11387	39.03	39.03	1.5	ANNUAL	SRCGP2	5	
595658.04	4130721.51	0.11091	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595678.04	4130721.51	0.1083	39.21	39.21	1.5	ANNUAL	SRCGP2	5	
595698.04	4130721.51	0.10551	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
595718.04	4130721.51	0.10299	39.14	39.14	1.5	ANNUAL	SRCGP2	5	
595738.04	4130721.51	0.10048	39.11	39.11	1.5	ANNUAL	SRCGP2	5	
595758.04	4130721.51	0.09803	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595778.04	4130721.51	0.09572	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
595798.04	4130721.51	0.09335	38.73	38.73	1.5	ANNUAL	SRCGP2	5	
594318.04	4130741.51	0.56469	40.35	40.35	1.5	ANNUAL	SRCGP2	5	
594338.04	4130741.51	0.58684	40.33	40.33	1.5	ANNUAL	SRCGP2	5	
594358.04	4130741.51	0.60837	40.36	40.36	1.5	ANNUAL	SRCGP2	5	
594378.04	4130741.51	0.62861	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
594398.04	4130741.51	0.64763	40.33	40.33	1.5	ANNUAL	SRCGP2	5	
594418.04	4130741.51	0.66543	40.49	40.49	1.5	ANNUAL	SRCGP2	5	
594438.04	4130741.51	0.68015	40.38	40.38	1.5	ANNUAL	SRCGP2	5	
594458.04	4130741.51	0.69262	40.34	40.34	1.5	ANNUAL	SRCGP2	5	
594478.04	4130741.51	0.70179	40.18	40.18	1.5	ANNUAL	SRCGP2	5	
594498.04	4130741.51	0.7092	40.31	40.31	1.5	ANNUAL	SRCGP2	5	
594518.04	4130741.51	0.71289	40.28	40.28	1.5	ANNUAL	SRCGP2	5	
594538.04	4130741.51	0.71318	40.13	40.13	1.5	ANNUAL	SRCGP2	5	
594558.04	4130741.51	0.71108	40	40	1.5	ANNUAL	SRCGP2	5	
594578.04	4130741.51	0.70828	40.1	40.1	1.5	ANNUAL	SRCGP2	5	
594598.04	4130741.51	0.7037	40.02	40.02	1.5	ANNUAL	SRCGP2	5	
594618.04	4130741.51	0.69926	39.99	39.99	1.5	ANNUAL	SRCGP2	5	
594678.04	4130741.51	0.68955	40.1	40.1	1.5	ANNUAL	SRCGP2	5	
594698.04	4130741.51	0.68521	40.13	40.13	1.5	ANNUAL	SRCGP2	5	
594718.04	4130741.51	0.67636	39.83	39.83	1.5	ANNUAL	SRCGP2	5	
594758.04	4130741.51	0.64369	39.38	39.38	1.5	ANNUAL	SRCGP2	5	
594778.04	4130741.51	0.61922	39.5	39.5	1.5	ANNUAL	SRCGP2	5	
594798.04	4130741.51	0.58831	39.62	39.62	1.5	ANNUAL	SRCGP2	5	
594818.04	4130741.51	0.55076	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
594838.04	4130741.51	0.51152	39.39	39.39	1.5	ANNUAL	SRCGP2	5	
594858.04	4130741.51	0.472	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
594878.04	4130741.51	0.43351	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
594898.04	4130741.51	0.39885	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
594938.04	4130741.51	0.34194	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
594958.04	4130741.51	0.32061	39.7	39.7	1.5	ANNUAL	SRCGP2	5	
594978.04	4130741.51	0.30291	39.95	39.95	1.5	ANNUAL	SRCGP2	5	
594998.04	4130741.51	0.28747	39.98	39.98	1.5	ANNUAL	SRCGP2	5	
595018.04	4130741.51	0.27381	39.9	39.9	1.5	ANNUAL	SRCGP2	5	
595038.04	4130741.51	0.26199	40.2	40.2	1.5	ANNUAL	SRCGP2	5	
595058.04	4130741.51	0.2506	40.15	40.15	1.5	ANNUAL	SRCGP2	5	
595078.04	4130741.51	0.23976	39.91	39.91	1.5	ANNUAL	SRCGP2	5	
595118.04	4130741.51	0.22072	39.9	39.9	1.5	ANNUAL	SRCGP2	5	
595138.04	4130741.51	0.21226	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
595158.04	4130741.51	0.20446	39.81	39.81	1.5	ANNUAL	SRCGP2	5	
595198.04	4130741.51	0.19097	39.63	39.63	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218.04	4130741.51	0.18523	39.64	39.64	1.5	ANNUAL	SRCGP2	5	
595238.04	4130741.51	0.17996	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
595278.04	4130741.51	0.17055	39.44	39.44	1.5	ANNUAL	SRCGP2	5	
595298.04	4130741.51	0.16641	39.53	39.53	1.5	ANNUAL	SRCGP2	5	
595318.04	4130741.51	0.16248	39.62	39.62	1.5	ANNUAL	SRCGP2	5	
595338.04	4130741.51	0.15839	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
595378.04	4130741.51	0.15105	39.14	39.14	1.5	ANNUAL	SRCGP2	5	
595398.04	4130741.51	0.14754	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
595418.04	4130741.51	0.14391	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
595438.04	4130741.51	0.1404	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
595478.04	4130741.51	0.13403	38.99	38.99	1.5	ANNUAL	SRCGP2	5	
595498.04	4130741.51	0.1308	38.96	38.96	1.5	ANNUAL	SRCGP2	5	
595518.04	4130741.51	0.12763	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
595538.04	4130741.51	0.12455	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
595578.04	4130741.51	0.11861	38.98	38.98	1.5	ANNUAL	SRCGP2	5	
595598.04	4130741.51	0.11571	38.94	38.94	1.5	ANNUAL	SRCGP2	5	
595618.04	4130741.51	0.11295	39.05	39.05	1.5	ANNUAL	SRCGP2	5	
595638.04	4130741.51	0.11019	38.98	38.98	1.5	ANNUAL	SRCGP2	5	
595658.04	4130741.51	0.10746	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595678.04	4130741.51	0.10499	39.11	39.11	1.5	ANNUAL	SRCGP2	5	
595698.04	4130741.51	0.10242	38.87	38.87	1.5	ANNUAL	SRCGP2	5	
595718.04	4130741.51	0.09995	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595738.04	4130741.51	0.0976	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595758.04	4130741.51	0.09524	38.51	38.51	1.5	ANNUAL	SRCGP2	5	
595778.04	4130741.51	0.09308	38.66	38.66	1.5	ANNUAL	SRCGP2	5	
595798.04	4130741.51	0.09085	38.36	38.36	1.5	ANNUAL	SRCGP2	5	
594318.04	4130761.51	0.54266	40.07	40.07	1.5	ANNUAL	SRCGP2	5	
594338.04	4130761.51	0.56159	40.19	40.19	1.5	ANNUAL	SRCGP2	5	
594358.04	4130761.51	0.57932	40.21	40.21	1.5	ANNUAL	SRCGP2	5	
594378.04	4130761.51	0.59562	40.15	40.15	1.5	ANNUAL	SRCGP2	5	
594398.04	4130761.51	0.61053	40.13	40.13	1.5	ANNUAL	SRCGP2	5	
594418.04	4130761.51	0.62437	40.32	40.32	1.5	ANNUAL	SRCGP2	5	
594438.04	4130761.51	0.63504	40.19	40.19	1.5	ANNUAL	SRCGP2	5	
594458.04	4130761.51	0.64356	40.12	40.12	1.5	ANNUAL	SRCGP2	5	
594478.04	4130761.51	0.64922	39.97	39.97	1.5	ANNUAL	SRCGP2	5	
594498.04	4130761.51	0.6542	40.31	40.31	1.5	ANNUAL	SRCGP2	5	
594518.04	4130761.51	0.65464	40.12	40.12	1.5	ANNUAL	SRCGP2	5	
594538.04	4130761.51	0.65283	39.93	39.93	1.5	ANNUAL	SRCGP2	5	
594558.04	4130761.51	0.64967	39.83	39.83	1.5	ANNUAL	SRCGP2	5	
594578.04	4130761.51	0.64683	40.05	40.05	1.5	ANNUAL	SRCGP2	5	
594598.04	4130761.51	0.64185	39.83	39.83	1.5	ANNUAL	SRCGP2	5	
594618.04	4130761.51	0.63786	39.76	39.76	1.5	ANNUAL	SRCGP2	5	
594678.04	4130761.51	0.63075	40.06	40.06	1.5	ANNUAL	SRCGP2	5	
594698.04	4130761.51	0.62609	39.96	39.96	1.5	ANNUAL	SRCGP2	5	
594718.04	4130761.51	0.61741	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
594758.04	4130761.51	0.58736	39.29	39.29	1.5	ANNUAL	SRCGP2	5	
594778.04	4130761.51	0.56473	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
594798.04	4130761.51	0.53638	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594818.04	4130761.51	0.50399	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594838.04	4130761.51	0.46871	39.17	39.17	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858.04	4130761.51	0.43388	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594878.04	4130761.51	0.3996	39.2	39.2	1.5	ANNUAL	SRCGP2	5	
594898.04	4130761.51	0.36851	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
594938.04	4130761.51	0.31762	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
594958.04	4130761.51	0.29846	39.53	39.53	1.5	ANNUAL	SRCGP2	5	
594978.04	4130761.51	0.28202	39.58	39.58	1.5	ANNUAL	SRCGP2	5	
594998.04	4130761.51	0.26814	39.66	39.66	1.5	ANNUAL	SRCGP2	5	
595018.04	4130761.51	0.25589	39.63	39.63	1.5	ANNUAL	SRCGP2	5	
595038.04	4130761.51	0.24522	39.86	39.86	1.5	ANNUAL	SRCGP2	5	
595058.04	4130761.51	0.23523	39.99	39.99	1.5	ANNUAL	SRCGP2	5	
595078.04	4130761.51	0.22559	39.88	39.88	1.5	ANNUAL	SRCGP2	5	
595118.04	4130761.51	0.20816	39.8	39.8	1.5	ANNUAL	SRCGP2	5	
595138.04	4130761.51	0.2003	39.76	39.76	1.5	ANNUAL	SRCGP2	5	
595158.04	4130761.51	0.19289	39.54	39.54	1.5	ANNUAL	SRCGP2	5	
595198.04	4130761.51	0.18038	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
595218.04	4130761.51	0.17502	39.72	39.72	1.5	ANNUAL	SRCGP2	5	
595238.04	4130761.51	0.16985	39.4	39.4	1.5	ANNUAL	SRCGP2	5	
595278.04	4130761.51	0.16115	39.37	39.37	1.5	ANNUAL	SRCGP2	5	
595298.04	4130761.51	0.15739	39.54	39.54	1.5	ANNUAL	SRCGP2	5	
595318.04	4130761.51	0.15359	39.29	39.29	1.5	ANNUAL	SRCGP2	5	
595338.04	4130761.51	0.15004	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
595378.04	4130761.51	0.14336	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
595398.04	4130761.51	0.14025	38.96	38.96	1.5	ANNUAL	SRCGP2	5	
595418.04	4130761.51	0.13699	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
595438.04	4130761.51	0.13396	38.57	38.57	1.5	ANNUAL	SRCGP2	5	
595478.04	4130761.51	0.12823	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
595498.04	4130761.51	0.1253	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
595518.04	4130761.51	0.12246	38.74	38.74	1.5	ANNUAL	SRCGP2	5	
595538.04	4130761.51	0.11971	38.79	38.79	1.5	ANNUAL	SRCGP2	5	
595578.04	4130761.51	0.11433	38.93	38.93	1.5	ANNUAL	SRCGP2	5	
595598.04	4130761.51	0.11168	38.86	38.86	1.5	ANNUAL	SRCGP2	5	
595618.04	4130761.51	0.10914	38.97	38.97	1.5	ANNUAL	SRCGP2	5	
595638.04	4130761.51	0.10658	38.85	38.85	1.5	ANNUAL	SRCGP2	5	
595658.04	4130761.51	0.10406	38.66	38.66	1.5	ANNUAL	SRCGP2	5	
595678.04	4130761.51	0.10177	38.99	38.99	1.5	ANNUAL	SRCGP2	5	
595698.04	4130761.51	0.09939	38.85	38.85	1.5	ANNUAL	SRCGP2	5	
595718.04	4130761.51	0.09705	38.62	38.62	1.5	ANNUAL	SRCGP2	5	
595738.04	4130761.51	0.09486	38.66	38.66	1.5	ANNUAL	SRCGP2	5	
595758.04	4130761.51	0.09271	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
595778.04	4130761.51	0.09061	38.59	38.59	1.5	ANNUAL	SRCGP2	5	
595798.04	4130761.51	0.08856	38.48	38.48	1.5	ANNUAL	SRCGP2	5	
594318.04	4130781.51	0.51999	39.91	39.91	1.5	ANNUAL	SRCGP2	5	
594338.04	4130781.51	0.53574	40.03	40.03	1.5	ANNUAL	SRCGP2	5	
594358.04	4130781.51	0.55028	40.08	40.08	1.5	ANNUAL	SRCGP2	5	
594378.04	4130781.51	0.56326	40.03	40.03	1.5	ANNUAL	SRCGP2	5	
594398.04	4130781.51	0.57463	39.95	39.95	1.5	ANNUAL	SRCGP2	5	
594418.04	4130781.51	0.58481	40.06	40.06	1.5	ANNUAL	SRCGP2	5	
594438.04	4130781.51	0.59243	39.99	39.99	1.5	ANNUAL	SRCGP2	5	
594458.04	4130781.51	0.59811	39.98	39.98	1.5	ANNUAL	SRCGP2	5	
594478.04	4130781.51	0.60146	39.94	39.94	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130781.51	0.60303	40.01	40.01	1.5	ANNUAL	SRCGP2	5	
594518.04	4130781.51	0.60213	39.94	39.94	1.5	ANNUAL	SRCGP2	5	
594538.04	4130781.51	0.59991	39.95	39.95	1.5	ANNUAL	SRCGP2	5	
594558.04	4130781.51	0.59552	39.67	39.67	1.5	ANNUAL	SRCGP2	5	
594578.04	4130781.51	0.59262	39.9	39.9	1.5	ANNUAL	SRCGP2	5	
594598.04	4130781.51	0.58937	40	40	1.5	ANNUAL	SRCGP2	5	
594618.04	4130781.51	0.58545	39.76	39.76	1.5	ANNUAL	SRCGP2	5	
594678.04	4130781.51	0.57886	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
594698.04	4130781.51	0.57378	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
594718.04	4130781.51	0.56576	39.33	39.33	1.5	ANNUAL	SRCGP2	5	
594758.04	4130781.51	0.53787	39.1	39.1	1.5	ANNUAL	SRCGP2	5	
594778.04	4130781.51	0.51751	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
594798.04	4130781.51	0.49172	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
594818.04	4130781.51	0.46306	39.23	39.23	1.5	ANNUAL	SRCGP2	5	
594838.04	4130781.51	0.43116	38.93	38.93	1.5	ANNUAL	SRCGP2	5	
594858.04	4130781.51	0.40094	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594878.04	4130781.51	0.37027	39.16	39.16	1.5	ANNUAL	SRCGP2	5	
594898.04	4130781.51	0.34218	39.08	39.08	1.5	ANNUAL	SRCGP2	5	
594938.04	4130781.51	0.29609	39.07	39.07	1.5	ANNUAL	SRCGP2	5	
594958.04	4130781.51	0.27849	39.27	39.27	1.5	ANNUAL	SRCGP2	5	
594978.04	4130781.51	0.26398	39.64	39.64	1.5	ANNUAL	SRCGP2	5	
594998.04	4130781.51	0.25105	39.55	39.55	1.5	ANNUAL	SRCGP2	5	
595018.04	4130781.51	0.23999	39.56	39.56	1.5	ANNUAL	SRCGP2	5	
595038.04	4130781.51	0.23047	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
595058.04	4130781.51	0.2213	39.86	39.86	1.5	ANNUAL	SRCGP2	5	
595078.04	4130781.51	0.21263	39.77	39.77	1.5	ANNUAL	SRCGP2	5	
595118.04	4130781.51	0.19677	39.7	39.7	1.5	ANNUAL	SRCGP2	5	
595138.04	4130781.51	0.18948	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
595158.04	4130781.51	0.1827	39.54	39.54	1.5	ANNUAL	SRCGP2	5	
595198.04	4130781.51	0.17077	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
595218.04	4130781.51	0.16557	39.42	39.42	1.5	ANNUAL	SRCGP2	5	
595238.04	4130781.51	0.16086	39.39	39.39	1.5	ANNUAL	SRCGP2	5	
595278.04	4130781.51	0.1526	39.29	39.29	1.5	ANNUAL	SRCGP2	5	
595298.04	4130781.51	0.14909	39.46	39.46	1.5	ANNUAL	SRCGP2	5	
595318.04	4130781.51	0.14557	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
595338.04	4130781.51	0.1422	38.89	38.89	1.5	ANNUAL	SRCGP2	5	
595378.04	4130781.51	0.13625	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
595398.04	4130781.51	0.13339	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595418.04	4130781.51	0.13052	38.53	38.53	1.5	ANNUAL	SRCGP2	5	
595438.04	4130781.51	0.12776	38.41	38.41	1.5	ANNUAL	SRCGP2	5	
595478.04	4130781.51	0.12265	38.72	38.72	1.5	ANNUAL	SRCGP2	5	
595498.04	4130781.51	0.12001	38.57	38.57	1.5	ANNUAL	SRCGP2	5	
595518.04	4130781.51	0.11752	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
595538.04	4130781.51	0.11503	38.71	38.71	1.5	ANNUAL	SRCGP2	5	
595578.04	4130781.51	0.11015	38.83	38.83	1.5	ANNUAL	SRCGP2	5	
595598.04	4130781.51	0.10778	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
595618.04	4130781.51	0.10546	39.01	39.01	1.5	ANNUAL	SRCGP2	5	
595638.04	4130781.51	0.10305	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
595658.04	4130781.51	0.10077	38.65	38.65	1.5	ANNUAL	SRCGP2	5	
595678.04	4130781.51	0.09863	38.91	38.91	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130781.51	0.0964	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
595718.04	4130781.51	0.09428	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
595738.04	4130781.51	0.0923	39.01	39.01	1.5	ANNUAL	SRCGP2	5	
595758.04	4130781.51	0.09028	38.97	38.97	1.5	ANNUAL	SRCGP2	5	
595778.04	4130781.51	0.08831	38.92	38.92	1.5	ANNUAL	SRCGP2	5	
595798.04	4130781.51	0.08635	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
594318.04	4130801.51	0.49733	39.92	39.92	1.5	ANNUAL	SRCGP2	5	
594338.04	4130801.51	0.50992	39.89	39.89	1.5	ANNUAL	SRCGP2	5	
594358.04	4130801.51	0.52179	40	40	1.5	ANNUAL	SRCGP2	5	
594378.04	4130801.51	0.53167	39.86	39.86	1.5	ANNUAL	SRCGP2	5	
594398.04	4130801.51	0.54031	39.82	39.82	1.5	ANNUAL	SRCGP2	5	
594418.04	4130801.51	0.54774	39.94	39.94	1.5	ANNUAL	SRCGP2	5	
594438.04	4130801.51	0.5532	40.01	40.01	1.5	ANNUAL	SRCGP2	5	
594458.04	4130801.51	0.55634	39.95	39.95	1.5	ANNUAL	SRCGP2	5	
594478.04	4130801.51	0.55689	39.68	39.68	1.5	ANNUAL	SRCGP2	5	
594498.04	4130801.51	0.55727	39.9	39.9	1.5	ANNUAL	SRCGP2	5	
594518.04	4130801.51	0.55534	39.87	39.87	1.5	ANNUAL	SRCGP2	5	
594538.04	4130801.51	0.55232	39.84	39.84	1.5	ANNUAL	SRCGP2	5	
594558.04	4130801.51	0.54764	39.49	39.49	1.5	ANNUAL	SRCGP2	5	
594578.04	4130801.51	0.54481	39.68	39.68	1.5	ANNUAL	SRCGP2	5	
594598.04	4130801.51	0.54124	39.53	39.53	1.5	ANNUAL	SRCGP2	5	
594618.04	4130801.51	0.53907	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
594678.04	4130801.51	0.53362	39.69	39.69	1.5	ANNUAL	SRCGP2	5	
594698.04	4130801.51	0.52903	39.54	39.54	1.5	ANNUAL	SRCGP2	5	
594718.04	4130801.51	0.52127	39.28	39.28	1.5	ANNUAL	SRCGP2	5	
594758.04	4130801.51	0.49453	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
594778.04	4130801.51	0.47645	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
594798.04	4130801.51	0.45218	38.86	38.86	1.5	ANNUAL	SRCGP2	5	
594818.04	4130801.51	0.42626	38.87	38.87	1.5	ANNUAL	SRCGP2	5	
594838.04	4130801.51	0.39848	38.82	38.82	1.5	ANNUAL	SRCGP2	5	
594858.04	4130801.51	0.37091	38.97	38.97	1.5	ANNUAL	SRCGP2	5	
594878.04	4130801.51	0.34414	39.09	39.09	1.5	ANNUAL	SRCGP2	5	
594898.04	4130801.51	0.31851	38.85	38.85	1.5	ANNUAL	SRCGP2	5	
594938.04	4130801.51	0.27672	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
594958.04	4130801.51	0.26049	38.97	38.97	1.5	ANNUAL	SRCGP2	5	
594978.04	4130801.51	0.24718	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594998.04	4130801.51	0.23535	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
595018.04	4130801.51	0.22535	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
595038.04	4130801.51	0.21679	39.68	39.68	1.5	ANNUAL	SRCGP2	5	
595058.04	4130801.51	0.20865	39.78	39.78	1.5	ANNUAL	SRCGP2	5	
595078.04	4130801.51	0.20073	39.59	39.59	1.5	ANNUAL	SRCGP2	5	
595118.04	4130801.51	0.18655	39.79	39.79	1.5	ANNUAL	SRCGP2	5	
595138.04	4130801.51	0.17971	39.56	39.56	1.5	ANNUAL	SRCGP2	5	
595158.04	4130801.51	0.17327	39.3	39.3	1.5	ANNUAL	SRCGP2	5	
595198.04	4130801.51	0.16208	39.3	39.3	1.5	ANNUAL	SRCGP2	5	
595218.04	4130801.51	0.15722	39.38	39.38	1.5	ANNUAL	SRCGP2	5	
595238.04	4130801.51	0.15269	39.29	39.29	1.5	ANNUAL	SRCGP2	5	
595278.04	4130801.51	0.14488	39.29	39.29	1.5	ANNUAL	SRCGP2	5	
595298.04	4130801.51	0.1415	39.35	39.35	1.5	ANNUAL	SRCGP2	5	
595318.04	4130801.51	0.13823	39.17	39.17	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338.04	4130801.51	0.1351	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
595378.04	4130801.51	0.12959	38.71	38.71	1.5	ANNUAL	SRCGP2	5	
595398.04	4130801.51	0.12703	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
595418.04	4130801.51	0.1244	38.41	38.41	1.5	ANNUAL	SRCGP2	5	
595438.04	4130801.51	0.12192	38.28	38.28	1.5	ANNUAL	SRCGP2	5	
595478.04	4130801.51	0.11736	38.65	38.65	1.5	ANNUAL	SRCGP2	5	
595498.04	4130801.51	0.11493	38.36	38.36	1.5	ANNUAL	SRCGP2	5	
595518.04	4130801.51	0.11267	38.4	38.4	1.5	ANNUAL	SRCGP2	5	
595538.04	4130801.51	0.11045	38.51	38.51	1.5	ANNUAL	SRCGP2	5	
595578.04	4130801.51	0.10609	38.72	38.72	1.5	ANNUAL	SRCGP2	5	
595598.04	4130801.51	0.10391	38.69	38.69	1.5	ANNUAL	SRCGP2	5	
595618.04	4130801.51	0.10178	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
595638.04	4130801.51	0.09964	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
595658.04	4130801.51	0.09752	38.56	38.56	1.5	ANNUAL	SRCGP2	5	
595678.04	4130801.51	0.09555	38.81	38.81	1.5	ANNUAL	SRCGP2	5	
595698.04	4130801.51	0.09351	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
595718.04	4130801.51	0.09151	38.57	38.57	1.5	ANNUAL	SRCGP2	5	
595738.04	4130801.51	0.08961	38.66	38.66	1.5	ANNUAL	SRCGP2	5	
595758.04	4130801.51	0.08774	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
595778.04	4130801.51	0.0859	38.65	38.65	1.5	ANNUAL	SRCGP2	5	
595798.04	4130801.51	0.08402	38.27	38.27	1.5	ANNUAL	SRCGP2	5	
594318.04	4130821.51	0.4742	39.74	39.74	1.5	ANNUAL	SRCGP2	5	
594338.04	4130821.51	0.48479	39.88	39.88	1.5	ANNUAL	SRCGP2	5	
594358.04	4130821.51	0.49418	39.98	39.98	1.5	ANNUAL	SRCGP2	5	
594378.04	4130821.51	0.50137	39.72	39.72	1.5	ANNUAL	SRCGP2	5	
594398.04	4130821.51	0.50765	39.68	39.68	1.5	ANNUAL	SRCGP2	5	
594418.04	4130821.51	0.51319	39.94	39.94	1.5	ANNUAL	SRCGP2	5	
594438.04	4130821.51	0.51618	39.88	39.88	1.5	ANNUAL	SRCGP2	5	
594458.04	4130821.51	0.51721	39.72	39.72	1.5	ANNUAL	SRCGP2	5	
594478.04	4130821.51	0.51649	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
594498.04	4130821.51	0.51554	39.68	39.68	1.5	ANNUAL	SRCGP2	5	
594518.04	4130821.51	0.51282	39.62	39.62	1.5	ANNUAL	SRCGP2	5	
594538.04	4130821.51	0.50967	39.63	39.63	1.5	ANNUAL	SRCGP2	5	
594558.04	4130821.51	0.50548	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
594578.04	4130821.51	0.50272	39.45	39.45	1.5	ANNUAL	SRCGP2	5	
594598.04	4130821.51	0.50041	39.5	39.5	1.5	ANNUAL	SRCGP2	5	
594618.04	4130821.51	0.49833	39.41	39.41	1.5	ANNUAL	SRCGP2	5	
594678.04	4130821.51	0.49362	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
594698.04	4130821.51	0.48907	39.35	39.35	1.5	ANNUAL	SRCGP2	5	
594718.04	4130821.51	0.48177	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
594758.04	4130821.51	0.45639	38.74	38.74	1.5	ANNUAL	SRCGP2	5	
594778.04	4130821.51	0.43975	39.07	39.07	1.5	ANNUAL	SRCGP2	5	
594798.04	4130821.51	0.41808	38.82	38.82	1.5	ANNUAL	SRCGP2	5	
594818.04	4130821.51	0.39441	38.73	38.73	1.5	ANNUAL	SRCGP2	5	
594838.04	4130821.51	0.36939	38.65	38.65	1.5	ANNUAL	SRCGP2	5	
594858.04	4130821.51	0.34453	38.74	38.74	1.5	ANNUAL	SRCGP2	5	
594878.04	4130821.51	0.32008	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
594898.04	4130821.51	0.29736	38.63	38.63	1.5	ANNUAL	SRCGP2	5	
594938.04	4130821.51	0.2594	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
594958.04	4130821.51	0.24464	38.9	38.9	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978.04	4130821.51	0.23197	38.96	38.96	1.5	ANNUAL	SRCGP2	5	
594998.04	4130821.51	0.22131	39.06	39.06	1.5	ANNUAL	SRCGP2	5	
595018.04	4130821.51	0.21209	39.1	39.1	1.5	ANNUAL	SRCGP2	5	
595038.04	4130821.51	0.20419	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
595058.04	4130821.51	0.19686	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
595078.04	4130821.51	0.18989	39.48	39.48	1.5	ANNUAL	SRCGP2	5	
595118.04	4130821.51	0.17684	39.45	39.45	1.5	ANNUAL	SRCGP2	5	
595138.04	4130821.51	0.17067	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
595158.04	4130821.51	0.16475	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595198.04	4130821.51	0.15429	39.26	39.26	1.5	ANNUAL	SRCGP2	5	
595218.04	4130821.51	0.14962	39.27	39.27	1.5	ANNUAL	SRCGP2	5	
595238.04	4130821.51	0.14525	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
595278.04	4130821.51	0.13783	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
595298.04	4130821.51	0.13461	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
595318.04	4130821.51	0.13143	38.96	38.96	1.5	ANNUAL	SRCGP2	5	
595338.04	4130821.51	0.12858	38.81	38.81	1.5	ANNUAL	SRCGP2	5	
595378.04	4130821.51	0.12342	38.62	38.62	1.5	ANNUAL	SRCGP2	5	
595398.04	4130821.51	0.12109	38.65	38.65	1.5	ANNUAL	SRCGP2	5	
595418.04	4130821.51	0.11868	38.32	38.32	1.5	ANNUAL	SRCGP2	5	
595438.04	4130821.51	0.11644	38.23	38.23	1.5	ANNUAL	SRCGP2	5	
595478.04	4130821.51	0.11229	38.48	38.48	1.5	ANNUAL	SRCGP2	5	
595498.04	4130821.51	0.11014	38.3	38.3	1.5	ANNUAL	SRCGP2	5	
595518.04	4130821.51	0.10817	38.5	38.5	1.5	ANNUAL	SRCGP2	5	
595538.04	4130821.51	0.10607	38.37	38.37	1.5	ANNUAL	SRCGP2	5	
595558.04	4130821.51	0.1041	38.48	38.48	1.5	ANNUAL	SRCGP2	5	
595578.04	4130821.51	0.10218	38.71	38.71	1.5	ANNUAL	SRCGP2	5	
595598.04	4130821.51	0.10019	38.64	38.64	1.5	ANNUAL	SRCGP2	5	
595618.04	4130821.51	0.09829	38.83	38.83	1.5	ANNUAL	SRCGP2	5	
595638.04	4130821.51	0.09628	38.56	38.56	1.5	ANNUAL	SRCGP2	5	
595658.04	4130821.51	0.09434	38.44	38.44	1.5	ANNUAL	SRCGP2	5	
595678.04	4130821.51	0.09257	38.82	38.82	1.5	ANNUAL	SRCGP2	5	
595698.04	4130821.51	0.09066	38.6	38.6	1.5	ANNUAL	SRCGP2	5	
595718.04	4130821.51	0.08885	38.64	38.64	1.5	ANNUAL	SRCGP2	5	
595738.04	4130821.51	0.08707	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
595758.04	4130821.51	0.0853	38.6	38.6	1.5	ANNUAL	SRCGP2	5	
595778.04	4130821.51	0.0836	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
595798.04	4130821.51	0.0818	38.14	38.14	1.5	ANNUAL	SRCGP2	5	
594318.04	4130841.51	0.45149	39.6	39.6	1.5	ANNUAL	SRCGP2	5	
594338.04	4130841.51	0.46002	39.76	39.76	1.5	ANNUAL	SRCGP2	5	
594358.04	4130841.51	0.46687	39.67	39.67	1.5	ANNUAL	SRCGP2	5	
594378.04	4130841.51	0.4724	39.56	39.56	1.5	ANNUAL	SRCGP2	5	
594398.04	4130841.51	0.47688	39.58	39.58	1.5	ANNUAL	SRCGP2	5	
594418.04	4130841.51	0.48166	40.3	40.3	1.5	ANNUAL	SRCGP2	5	
594438.04	4130841.51	0.48179	39.73	39.73	1.5	ANNUAL	SRCGP2	5	
594458.04	4130841.51	0.48135	39.52	39.52	1.5	ANNUAL	SRCGP2	5	
594478.04	4130841.51	0.4797	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
594498.04	4130841.51	0.47873	39.78	39.78	1.5	ANNUAL	SRCGP2	5	
594518.04	4130841.51	0.47499	39.46	39.46	1.5	ANNUAL	SRCGP2	5	
594538.04	4130841.51	0.47186	39.47	39.47	1.5	ANNUAL	SRCGP2	5	
594558.04	4130841.51	0.4681	39.21	39.21	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594578.04	4130841.51	0.46592	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
594598.04	4130841.51	0.46441	39.48	39.48	1.5	ANNUAL	SRCGP2	5	
594618.04	4130841.51	0.46303	39.46	39.46	1.5	ANNUAL	SRCGP2	5	
594678.04	4130841.51	0.45755	39.13	39.13	1.5	ANNUAL	SRCGP2	5	
594698.04	4130841.51	0.45368	39.19	39.19	1.5	ANNUAL	SRCGP2	5	
594718.04	4130841.51	0.44577	38.74	38.74	1.5	ANNUAL	SRCGP2	5	
594758.04	4130841.51	0.42308	38.73	38.73	1.5	ANNUAL	SRCGP2	5	
594778.04	4130841.51	0.40703	38.81	38.81	1.5	ANNUAL	SRCGP2	5	
594798.04	4130841.51	0.38785	38.78	38.78	1.5	ANNUAL	SRCGP2	5	
594818.04	4130841.51	0.36688	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
594838.04	4130841.51	0.34361	38.52	38.52	1.5	ANNUAL	SRCGP2	5	
594858.04	4130841.51	0.32118	38.6	38.6	1.5	ANNUAL	SRCGP2	5	
594878.04	4130841.51	0.29898	38.48	38.48	1.5	ANNUAL	SRCGP2	5	
594898.04	4130841.51	0.27869	38.59	38.59	1.5	ANNUAL	SRCGP2	5	
594938.04	4130841.51	0.24381	38.54	38.54	1.5	ANNUAL	SRCGP2	5	
594958.04	4130841.51	0.23022	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
594978.04	4130841.51	0.21851	38.85	38.85	1.5	ANNUAL	SRCGP2	5	
594998.04	4130841.51	0.20854	38.86	38.86	1.5	ANNUAL	SRCGP2	5	
595018.04	4130841.51	0.20012	38.97	38.97	1.5	ANNUAL	SRCGP2	5	
595038.04	4130841.51	0.193	39.33	39.33	1.5	ANNUAL	SRCGP2	5	
595058.04	4130841.51	0.18631	39.44	39.44	1.5	ANNUAL	SRCGP2	5	
595078.04	4130841.51	0.17992	39.38	39.38	1.5	ANNUAL	SRCGP2	5	
595118.04	4130841.51	0.16814	39.44	39.44	1.5	ANNUAL	SRCGP2	5	
595138.04	4130841.51	0.16233	39.12	39.12	1.5	ANNUAL	SRCGP2	5	
595158.04	4130841.51	0.15702	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595198.04	4130841.51	0.14728	39.37	39.37	1.5	ANNUAL	SRCGP2	5	
595218.04	4130841.51	0.1427	39.14	39.14	1.5	ANNUAL	SRCGP2	5	
595238.04	4130841.51	0.13858	39.11	39.11	1.5	ANNUAL	SRCGP2	5	
595278.04	4130841.51	0.13143	39.16	39.16	1.5	ANNUAL	SRCGP2	5	
595298.04	4130841.51	0.12833	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
595318.04	4130841.51	0.12529	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
595338.04	4130841.51	0.12259	38.79	38.79	1.5	ANNUAL	SRCGP2	5	
595378.04	4130841.51	0.11779	38.69	38.69	1.5	ANNUAL	SRCGP2	5	
595398.04	4130841.51	0.11558	38.63	38.63	1.5	ANNUAL	SRCGP2	5	
595418.04	4130841.51	0.11334	38.28	38.28	1.5	ANNUAL	SRCGP2	5	
595438.04	4130841.51	0.11132	38.26	38.26	1.5	ANNUAL	SRCGP2	5	
595478.04	4130841.51	0.10755	38.48	38.48	1.5	ANNUAL	SRCGP2	5	
595498.04	4130841.51	0.10561	38.33	38.33	1.5	ANNUAL	SRCGP2	5	
595518.04	4130841.51	0.10374	38.29	38.29	1.5	ANNUAL	SRCGP2	5	
595538.04	4130841.51	0.10189	38.3	38.3	1.5	ANNUAL	SRCGP2	5	
595558.04	4130841.51	0.10007	38.28	38.28	1.5	ANNUAL	SRCGP2	5	
595578.04	4130841.51	0.09835	38.54	38.54	1.5	ANNUAL	SRCGP2	5	
595598.04	4130841.51	0.09653	38.45	38.45	1.5	ANNUAL	SRCGP2	5	
595618.04	4130841.51	0.09481	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
595638.04	4130841.51	0.09302	38.52	38.52	1.5	ANNUAL	SRCGP2	5	
595658.04	4130841.51	0.09125	38.38	38.38	1.5	ANNUAL	SRCGP2	5	
595678.04	4130841.51	0.08961	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
595698.04	4130841.51	0.08787	38.55	38.55	1.5	ANNUAL	SRCGP2	5	
595718.04	4130841.51	0.0862	38.56	38.56	1.5	ANNUAL	SRCGP2	5	
595738.04	4130841.51	0.08456	38.63	38.63	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595758.04	4130841.51	0.08292	38.55	38.55	1.5	ANNUAL	SRCGP2	5	
595778.04	4130841.51	0.08131	38.52	38.52	1.5	ANNUAL	SRCGP2	5	
595798.04	4130841.51	0.07962	37.98	37.98	1.5	ANNUAL	SRCGP2	5	
594318.04	4130861.51	0.42954	39.56	39.56	1.5	ANNUAL	SRCGP2	5	
594338.04	4130861.51	0.43604	39.62	39.62	1.5	ANNUAL	SRCGP2	5	
594358.04	4130861.51	0.44132	39.61	39.61	1.5	ANNUAL	SRCGP2	5	
594378.04	4130861.51	0.44505	39.45	39.45	1.5	ANNUAL	SRCGP2	5	
594398.04	4130861.51	0.44803	39.51	39.51	1.5	ANNUAL	SRCGP2	5	
594418.04	4130861.51	0.45031	39.82	39.82	1.5	ANNUAL	SRCGP2	5	
594438.04	4130861.51	0.45031	39.7	39.7	1.5	ANNUAL	SRCGP2	5	
594458.04	4130861.51	0.44861	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
594478.04	4130861.51	0.44645	39.24	39.24	1.5	ANNUAL	SRCGP2	5	
594498.04	4130861.51	0.4452	39.77	39.77	1.5	ANNUAL	SRCGP2	5	
594518.04	4130861.51	0.44137	39.41	39.41	1.5	ANNUAL	SRCGP2	5	
594538.04	4130861.51	0.43775	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
594558.04	4130861.51	0.43508	39.12	39.12	1.5	ANNUAL	SRCGP2	5	
594578.04	4130861.51	0.43329	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
594598.04	4130861.51	0.4323	39.39	39.39	1.5	ANNUAL	SRCGP2	5	
594618.04	4130861.51	0.43121	39.33	39.33	1.5	ANNUAL	SRCGP2	5	
594678.04	4130861.51	0.42564	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
594698.04	4130861.51	0.42184	38.93	38.93	1.5	ANNUAL	SRCGP2	5	
594718.04	4130861.51	0.41539	38.93	38.93	1.5	ANNUAL	SRCGP2	5	
594758.04	4130861.51	0.3933	38.68	38.68	1.5	ANNUAL	SRCGP2	5	
594778.04	4130861.51	0.37857	38.8	38.8	1.5	ANNUAL	SRCGP2	5	
594798.04	4130861.51	0.36083	38.7	38.7	1.5	ANNUAL	SRCGP2	5	
594818.04	4130861.51	0.34149	38.67	38.67	1.5	ANNUAL	SRCGP2	5	
594838.04	4130861.51	0.32062	38.41	38.41	1.5	ANNUAL	SRCGP2	5	
594858.04	4130861.51	0.30048	38.58	38.58	1.5	ANNUAL	SRCGP2	5	
594878.04	4130861.51	0.28021	38.39	38.39	1.5	ANNUAL	SRCGP2	5	
594898.04	4130861.51	0.26165	38.44	38.44	1.5	ANNUAL	SRCGP2	5	
594938.04	4130861.51	0.22959	38.34	38.34	1.5	ANNUAL	SRCGP2	5	
594958.04	4130861.51	0.21711	38.63	38.63	1.5	ANNUAL	SRCGP2	5	
594978.04	4130861.51	0.20637	38.82	38.82	1.5	ANNUAL	SRCGP2	5	
594998.04	4130861.51	0.19701	38.75	38.75	1.5	ANNUAL	SRCGP2	5	
595018.04	4130861.51	0.18911	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
595038.04	4130861.51	0.18242	38.98	38.98	1.5	ANNUAL	SRCGP2	5	
595058.04	4130861.51	0.17639	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595078.04	4130861.51	0.17065	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
595118.04	4130861.51	0.15998	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
595138.04	4130861.51	0.15476	39.08	39.08	1.5	ANNUAL	SRCGP2	5	
595158.04	4130861.51	0.1498	39.02	39.02	1.5	ANNUAL	SRCGP2	5	
595198.04	4130861.51	0.14067	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
595238.04	4130861.51	0.13237	38.84	38.84	1.5	ANNUAL	SRCGP2	5	
595278.04	4130861.51	0.12553	38.98	38.98	1.5	ANNUAL	SRCGP2	5	
595298.04	4130861.51	0.12244	38.83	38.83	1.5	ANNUAL	SRCGP2	5	
595318.04	4130861.51	0.11962	38.73	38.73	1.5	ANNUAL	SRCGP2	5	
595338.04	4130861.51	0.11704	38.64	38.64	1.5	ANNUAL	SRCGP2	5	
595378.04	4130861.51	0.11243	38.43	38.43	1.5	ANNUAL	SRCGP2	5	
595398.04	4130861.51	0.11038	38.42	38.42	1.5	ANNUAL	SRCGP2	5	
595418.04	4130861.51	0.10829	38.07	38.07	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595438.04	4130861.51	0.10647	38.17	38.17	1.5	ANNUAL	SRCGP2	5	
595478.04	4130861.51	0.10295	38.2	38.2	1.5	ANNUAL	SRCGP2	5	
595498.04	4130861.51	0.10126	38.25	38.25	1.5	ANNUAL	SRCGP2	5	
595518.04	4130861.51	0.09956	38.21	38.21	1.5	ANNUAL	SRCGP2	5	
595538.04	4130861.51	0.09784	38.05	38.05	1.5	ANNUAL	SRCGP2	5	
595558.04	4130861.51	0.09625	38.23	38.23	1.5	ANNUAL	SRCGP2	5	
595578.04	4130861.51	0.09472	38.56	38.56	1.5	ANNUAL	SRCGP2	5	
595598.04	4130861.51	0.0931	38.58	38.58	1.5	ANNUAL	SRCGP2	5	
595618.04	4130861.51	0.09145	38.46	38.46	1.5	ANNUAL	SRCGP2	5	
595638.04	4130861.51	0.08983	38.4	38.4	1.5	ANNUAL	SRCGP2	5	
595658.04	4130861.51	0.08823	38.36	38.36	1.5	ANNUAL	SRCGP2	5	
595678.04	4130861.51	0.08672	38.59	38.59	1.5	ANNUAL	SRCGP2	5	
595698.04	4130861.51	0.08513	38.44	38.44	1.5	ANNUAL	SRCGP2	5	
595718.04	4130861.51	0.08363	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
595738.04	4130861.51	0.0821	38.59	38.59	1.5	ANNUAL	SRCGP2	5	
595758.04	4130861.51	0.08059	38.56	38.56	1.5	ANNUAL	SRCGP2	5	
595778.04	4130861.51	0.0791	38.55	38.55	1.5	ANNUAL	SRCGP2	5	
595798.04	4130861.51	0.07754	38.11	38.11	1.5	ANNUAL	SRCGP2	5	
594318.04	4130881.51	0.40796	39.36	39.36	1.5	ANNUAL	SRCGP2	5	
594338.04	4130881.51	0.41283	39.38	39.38	1.5	ANNUAL	SRCGP2	5	
594358.04	4130881.51	0.41648	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594378.04	4130881.51	0.41905	39.26	39.26	1.5	ANNUAL	SRCGP2	5	
594398.04	4130881.51	0.4205	39.22	39.22	1.5	ANNUAL	SRCGP2	5	
594418.04	4130881.51	0.42119	39.34	39.34	1.5	ANNUAL	SRCGP2	5	
594438.04	4130881.51	0.42039	39.27	39.27	1.5	ANNUAL	SRCGP2	5	
594458.04	4130881.51	0.41841	39.09	39.09	1.5	ANNUAL	SRCGP2	5	
594478.04	4130881.51	0.41594	39.01	39.01	1.5	ANNUAL	SRCGP2	5	
594498.04	4130881.51	0.41394	39.31	39.31	1.5	ANNUAL	SRCGP2	5	
594518.04	4130881.51	0.41074	39.15	39.15	1.5	ANNUAL	SRCGP2	5	
594538.04	4130881.51	0.40777	39	39	1.5	ANNUAL	SRCGP2	5	
594558.04	4130881.51	0.40571	39.04	39.04	1.5	ANNUAL	SRCGP2	5	
594578.04	4130881.51	0.40461	39.25	39.25	1.5	ANNUAL	SRCGP2	5	
594598.04	4130881.51	0.40279	38.91	38.91	1.5	ANNUAL	SRCGP2	5	
594618.04	4130881.51	0.40277	39.17	39.17	1.5	ANNUAL	SRCGP2	5	
594678.04	4130881.51	0.39789	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
594698.04	4130881.51	0.393	38.54	38.54	1.5	ANNUAL	SRCGP2	5	
594718.04	4130881.51	0.38666	38.52	38.52	1.5	ANNUAL	SRCGP2	5	
594758.04	4130881.51	0.36616	38.42	38.42	1.5	ANNUAL	SRCGP2	5	
594778.04	4130881.51	0.35227	38.43	38.43	1.5	ANNUAL	SRCGP2	5	
594798.04	4130881.51	0.33622	38.42	38.42	1.5	ANNUAL	SRCGP2	5	
594818.04	4130881.51	0.3183	38.25	38.25	1.5	ANNUAL	SRCGP2	5	
594838.04	4130881.51	0.29979	38.21	38.21	1.5	ANNUAL	SRCGP2	5	
594858.04	4130881.51	0.28115	38.18	38.18	1.5	ANNUAL	SRCGP2	5	
594878.04	4130881.51	0.26288	38.08	38.08	1.5	ANNUAL	SRCGP2	5	
594898.04	4130881.51	0.24594	38.12	38.12	1.5	ANNUAL	SRCGP2	5	
594938.04	4130881.51	0.21668	38.14	38.14	1.5	ANNUAL	SRCGP2	5	
594958.04	4130881.51	0.20495	38.3	38.3	1.5	ANNUAL	SRCGP2	5	
594978.04	4130881.51	0.19489	38.42	38.42	1.5	ANNUAL	SRCGP2	5	
595038.04	4130881.51	0.17284	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
595058.04	4130881.51	0.16715	38.77	38.77	1.5	ANNUAL	SRCGP2	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595078.04	4130881.51	0.16202	38.89	38.89	1.5	ANNUAL	SRCGP2	5	
595098.04	4130881.51	0.15712	38.96	38.96	1.5	ANNUAL	SRCGP2	5	
595118.04	4130881.51	0.15236	39	39	1.5	ANNUAL	SRCGP2	5	
595138.04	4130881.51	0.14763	38.88	38.88	1.5	ANNUAL	SRCGP2	5	
595158.04	4130881.51	0.14305	38.77	38.77	1.5	ANNUAL	SRCGP2	5	
595178.04	4130881.51	0.13857	38.61	38.61	1.5	ANNUAL	SRCGP2	5	
594658.04	4130981.51	0.29533	38.34	38.34	1.5	ANNUAL	SRCGP2	5	

CONCUNIT ug /m^3
DEPUNIT g/m ^2

MODELING IONS USED: gDFAULT CONC ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF AN VALUES AVERA GED ACROS 5 YEARS FOR SO URCE GRO UP: SRCGP1
FOR A TOTAL OF 1 RECEPTORS.
FORM AT: (3(1X,F1),3(1X,F8.2), 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.89	4130188.6	0.11379	46.81	46.81	1.5	ANNUAL	SRCGP1	5	
594481.89	4130188.6	0.12086	46.84	46.84	1.5	ANNUAL	SRCGP1	5	
594501.89	4130188.6	0.13052	46.82	46.82	1.5	ANNUAL	SRCGP1	5	
594521.89	4130188.6	0.14374	46.7	46.7	1.5	ANNUAL	SRCGP1	5	
594541.89	4130188.6	0.16103	46.61	46.61	1.5	ANNUAL	SRCGP1	5	
594561.89	4130188.6	0.18355	46.45	46.45	1.5	ANNUAL	SRCGP1	5	
594421.89	4130208.6	0.11935	46.02	46.02	1.5	ANNUAL	SRCGP1	5	
594441.89	4130208.6	0.12421	46.01	46.01	1.5	ANNUAL	SRCGP1	5	
594461.89	4130208.6	0.12955	46.26	46.26	1.5	ANNUAL	SRCGP1	5	
594481.89	4130208.6	0.13688	46.32	46.32	1.5	ANNUAL	SRCGP1	5	
594501.89	4130208.6	0.14552	46.8	46.8	1.5	ANNUAL	SRCGP1	5	
594521.89	4130208.6	0.15878	46.82	46.82	1.5	ANNUAL	SRCGP1	5	
594541.89	4130208.6	0.17669	46.85	46.85	1.5	ANNUAL	SRCGP1	5	
594561.89	4130208.6	0.20114	46.7	46.7	1.5	ANNUAL	SRCGP1	5	
594581.89	4130208.6	0.23549	45.96	45.96	1.5	ANNUAL	SRCGP1	5	
594421.89	4130228.6	0.136	46.01	46.01	1.5	ANNUAL	SRCGP1	5	
594441.89	4130228.6	0.14182	46.01	46.01	1.5	ANNUAL	SRCGP1	5	
594461.89	4130228.6	0.14849	46.01	46.01	1.5	ANNUAL	SRCGP1	5	
594481.89	4130228.6	0.15616	46.18	46.18	1.5	ANNUAL	SRCGP1	5	
594501.89	4130228.6	0.16585	46.42	46.42	1.5	ANNUAL	SRCGP1	5	
594521.89	4130228.6	0.17916	46.6	46.6	1.5	ANNUAL	SRCGP1	5	
594541.89	4130228.6	0.1976	46.75	46.75	1.5	ANNUAL	SRCGP1	5	
594561.89	4130228.6	0.22593	46.19	46.19	1.5	ANNUAL	SRCGP1	5	
594581.89	4130228.6	0.2755	45.57	45.57	1.5	ANNUAL	SRCGP1	5	
594421.89	4130248.6	0.15579	45.94	45.94	1.5	ANNUAL	SRCGP1	5	
594441.89	4130248.6	0.16327	45.94	45.94	1.5	ANNUAL	SRCGP1	5	
594461.89	4130248.6	0.17145	45.94	45.94	1.5	ANNUAL	SRCGP1	5	
594481.89	4130248.6	0.18078	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594501.89	4130248.6	0.19191	46.08	46.08	1.5	ANNUAL	SRCGP1	5	
594521.89	4130248.6	0.20659	46.15	46.15	1.5	ANNUAL	SRCGP1	5	
594561.89	4130248.6	0.27167	45.4	45.4	1.5	ANNUAL	SRCGP1	5	
594581.89	4130248.6	0.31365	45	45	1.5	ANNUAL	SRCGP1	5	
594421.89	4130268.6	0.17884	45.9	45.9	1.5	ANNUAL	SRCGP1	5	
594441.89	4130268.6	0.1887	45.93	45.93	1.5	ANNUAL	SRCGP1	5	
594461.89	4130268.6	0.19938	45.92	45.92	1.5	ANNUAL	SRCGP1	5	
594421.89	4130288.6	0.20523	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594441.89	4130288.6	0.21852	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594461.89	4130288.6	0.23289	45.95	45.95	1.5	ANNUAL	SRCGP1	5	
594421.89	4130308.6	0.23571	46	46	1.5	ANNUAL	SRCGP1	5	
594441.89	4130308.6	0.25324	46.04	46.04	1.5	ANNUAL	SRCGP1	5	
594461.89	4130308.6	0.27287	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594361.89	4130488.6	0.67255	42.59	42.59	1.5	ANNUAL	SRCGP1	5	
594381.89	4130488.6	0.77413	42.59	42.59	1.5	ANNUAL	SRCGP1	5	
594401.89	4130488.6	0.90136	42.5	42.5	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594261.22	4129769.7	0.02174	47.77	47.77	1.5	ANNUAL	SRCGP1	5	
594281.44	4129769.7	0.02278	47.78	47.78	1.5	ANNUAL	SRCGP1	5	
594301.66	4129769.7	0.02399	47.68	47.68	1.5	ANNUAL	SRCGP1	5	
594321.88	4129769.7	0.02531	47.73	47.73	1.5	ANNUAL	SRCGP1	5	
594342.1	4129769.7	0.02682	47.62	47.62	1.5	ANNUAL	SRCGP1	5	
594362.32	4129769.7	0.02845	47.63	47.63	1.5	ANNUAL	SRCGP1	5	
594382.54	4129769.7	0.03026	47.58	47.58	1.5	ANNUAL	SRCGP1	5	
594402.76	4129769.7	0.03227	47.37	47.37	1.5	ANNUAL	SRCGP1	5	
594422.98	4129769.7	0.03439	47.36	47.36	1.5	ANNUAL	SRCGP1	5	
594443.2	4129769.7	0.03672	47.21	47.21	1.5	ANNUAL	SRCGP1	5	
594261.22	4129789.7	0.02228	47.73	47.73	1.5	ANNUAL	SRCGP1	5	
594281.44	4129789.7	0.02336	47.63	47.63	1.5	ANNUAL	SRCGP1	5	
594301.66	4129789.7	0.02456	47.64	47.64	1.5	ANNUAL	SRCGP1	5	
594321.88	4129789.7	0.02588	47.78	47.78	1.5	ANNUAL	SRCGP1	5	
594342.1	4129789.7	0.02736	47.98	47.98	1.5	ANNUAL	SRCGP1	5	
594362.32	4129789.7	0.02917	47.46	47.46	1.5	ANNUAL	SRCGP1	5	
594382.54	4129789.7	0.03106	47.4	47.4	1.5	ANNUAL	SRCGP1	5	
594402.76	4129789.7	0.03315	47.22	47.22	1.5	ANNUAL	SRCGP1	5	
594422.98	4129789.7	0.03539	47.19	47.19	1.5	ANNUAL	SRCGP1	5	
594443.2	4129789.7	0.0378	47.21	47.21	1.5	ANNUAL	SRCGP1	5	
594261.22	4129809.7	0.02286	47.82	47.82	1.5	ANNUAL	SRCGP1	5	
594281.44	4129809.7	0.02389	47.95	47.95	1.5	ANNUAL	SRCGP1	5	
594301.66	4129809.7	0.02513	47.8	47.8	1.5	ANNUAL	SRCGP1	5	
594321.88	4129809.7	0.02652	47.74	47.74	1.5	ANNUAL	SRCGP1	5	
594342.1	4129809.7	0.02806	47.82	47.82	1.5	ANNUAL	SRCGP1	5	
594362.32	4129809.7	0.02994	47.28	47.28	1.5	ANNUAL	SRCGP1	5	
594382.54	4129809.7	0.03183	47.48	47.48	1.5	ANNUAL	SRCGP1	5	
594402.76	4129809.7	0.03403	47.26	47.26	1.5	ANNUAL	SRCGP1	5	
594422.98	4129809.7	0.03633	47.45	47.45	1.5	ANNUAL	SRCGP1	5	
594443.2	4129809.7	0.03895	47.19	47.19	1.5	ANNUAL	SRCGP1	5	
594261.22	4129849.7	0.02441	47.39	47.39	1.5	ANNUAL	SRCGP1	5	
594281.44	4129849.7	0.02541	47.5	47.5	1.5	ANNUAL	SRCGP1	5	
594301.66	4129849.7	0.02658	47.62	47.62	1.5	ANNUAL	SRCGP1	5	
594321.88	4129849.7	0.02796	47.72	47.72	1.5	ANNUAL	SRCGP1	5	
594342.1	4129849.7	0.0296	47.64	47.64	1.5	ANNUAL	SRCGP1	5	
594362.32	4129849.7	0.03155	47.3	47.3	1.5	ANNUAL	SRCGP1	5	
594382.54	4129849.7	0.03364	47.25	47.25	1.5	ANNUAL	SRCGP1	5	
594402.76	4129849.7	0.03604	47.02	47.02	1.5	ANNUAL	SRCGP1	5	
594422.98	4129849.7	0.03861	47.06	47.06	1.5	ANNUAL	SRCGP1	5	
594443.2	4129849.7	0.04147	47.02	47.02	1.5	ANNUAL	SRCGP1	5	
594463.42	4129849.7	0.0446	46.96	46.96	1.5	ANNUAL	SRCGP1	5	
594483.64	4129849.7	0.04799	46.99	46.99	1.5	ANNUAL	SRCGP1	5	
594503.86	4129849.7	0.05174	46.95	46.95	1.5	ANNUAL	SRCGP1	5	
594524.08	4129849.7	0.05584	47	47	1.5	ANNUAL	SRCGP1	5	
594544.3	4129849.7	0.06041	47.1	47.1	1.5	ANNUAL	SRCGP1	5	
594564.52	4129849.7	0.06562	47.14	47.14	1.5	ANNUAL	SRCGP1	5	
594584.74	4129849.7	0.07153	47.25	47.25	1.5	ANNUAL	SRCGP1	5	
594604.96	4129849.7	0.07841	47.31	47.31	1.5	ANNUAL	SRCGP1	5	
594625.18	4129849.7	0.08629	47.4	47.4	1.5	ANNUAL	SRCGP1	5	
594261.22	4129869.7	0.02528	47.43	47.43	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594281.44	4129869.7	0.02634	47.21	47.21	1.5	ANNUAL	SRCGP1	5	
594301.66	4129869.7	0.02742	47.6	47.6	1.5	ANNUAL	SRCGP1	5	
594321.88	4129869.7	0.02889	47.4	47.4	1.5	ANNUAL	SRCGP1	5	
594342.1	4129869.7	0.03049	47.54	47.54	1.5	ANNUAL	SRCGP1	5	
594362.32	4129869.7	0.03241	47.44	47.44	1.5	ANNUAL	SRCGP1	5	
594382.54	4129869.7	0.03463	47.21	47.21	1.5	ANNUAL	SRCGP1	5	
594402.76	4129869.7	0.0371	47.06	47.06	1.5	ANNUAL	SRCGP1	5	
594422.98	4129869.7	0.03981	47.03	47.03	1.5	ANNUAL	SRCGP1	5	
594443.2	4129869.7	0.04286	46.88	46.88	1.5	ANNUAL	SRCGP1	5	
594463.42	4129869.7	0.04615	46.93	46.93	1.5	ANNUAL	SRCGP1	5	
594483.64	4129869.7	0.04978	46.92	46.92	1.5	ANNUAL	SRCGP1	5	
594503.86	4129869.7	0.05375	46.94	46.94	1.5	ANNUAL	SRCGP1	5	
594524.08	4129869.7	0.05814	46.98	46.98	1.5	ANNUAL	SRCGP1	5	
594544.3	4129869.7	0.06308	47	47	1.5	ANNUAL	SRCGP1	5	
594564.52	4129869.7	0.06864	47.08	47.08	1.5	ANNUAL	SRCGP1	5	
594584.74	4129869.7	0.075	47.18	47.18	1.5	ANNUAL	SRCGP1	5	
594604.96	4129869.7	0.08238	47.27	47.27	1.5	ANNUAL	SRCGP1	5	
594625.18	4129869.7	0.09113	47.16	47.16	1.5	ANNUAL	SRCGP1	5	
594261.22	4129889.7	0.02637	47.16	47.16	1.5	ANNUAL	SRCGP1	5	
594281.44	4129889.7	0.02735	47.13	47.13	1.5	ANNUAL	SRCGP1	5	
594301.66	4129889.7	0.02848	47.25	47.25	1.5	ANNUAL	SRCGP1	5	
594321.88	4129889.7	0.02994	47.06	47.06	1.5	ANNUAL	SRCGP1	5	
594342.1	4129889.7	0.03158	47.1	47.1	1.5	ANNUAL	SRCGP1	5	
594362.32	4129889.7	0.0335	47.13	47.13	1.5	ANNUAL	SRCGP1	5	
594382.54	4129889.7	0.03573	47.05	47.05	1.5	ANNUAL	SRCGP1	5	
594402.76	4129889.7	0.03826	47	47	1.5	ANNUAL	SRCGP1	5	
594422.98	4129889.7	0.0411	46.99	46.99	1.5	ANNUAL	SRCGP1	5	
594443.2	4129889.7	0.04434	46.79	46.79	1.5	ANNUAL	SRCGP1	5	
594463.42	4129889.7	0.04786	46.73	46.73	1.5	ANNUAL	SRCGP1	5	
594483.64	4129889.7	0.05171	46.79	46.79	1.5	ANNUAL	SRCGP1	5	
594503.86	4129889.7	0.05599	46.75	46.75	1.5	ANNUAL	SRCGP1	5	
594524.08	4129889.7	0.06064	46.9	46.9	1.5	ANNUAL	SRCGP1	5	
594544.3	4129889.7	0.06596	46.89	46.89	1.5	ANNUAL	SRCGP1	5	
594564.52	4129889.7	0.07187	47.07	47.07	1.5	ANNUAL	SRCGP1	5	
594584.74	4129889.7	0.07856	47.34	47.34	1.5	ANNUAL	SRCGP1	5	
594301.66	4129929.7	0.03091	47.08	47.08	1.5	ANNUAL	SRCGP1	5	
594321.88	4129929.7	0.03226	47.08	47.08	1.5	ANNUAL	SRCGP1	5	
594342.1	4129929.7	0.03384	47.21	47.21	1.5	ANNUAL	SRCGP1	5	
594362.32	4129929.7	0.03586	47.03	47.03	1.5	ANNUAL	SRCGP1	5	
594422.98	4129929.7	0.044	46.87	46.87	1.5	ANNUAL	SRCGP1	5	
594443.2	4129929.7	0.0475	46.84	46.84	1.5	ANNUAL	SRCGP1	5	
594301.66	4129949.7	0.03239	47.11	47.11	1.5	ANNUAL	SRCGP1	5	
594321.88	4129949.7	0.0337	47.07	47.07	1.5	ANNUAL	SRCGP1	5	
594342.1	4129949.7	0.03527	47.14	47.14	1.5	ANNUAL	SRCGP1	5	
594362.32	4129949.7	0.03727	47.01	47.01	1.5	ANNUAL	SRCGP1	5	
594402.76	4129949.7	0.04242	46.87	46.87	1.5	ANNUAL	SRCGP1	5	
594422.98	4129949.7	0.04563	46.83	46.83	1.5	ANNUAL	SRCGP1	5	
594443.2	4129949.7	0.0493	46.82	46.82	1.5	ANNUAL	SRCGP1	5	
594463.42	4129949.7	0.05344	46.88	46.88	1.5	ANNUAL	SRCGP1	5	
594402.76	4129969.7	0.04408	46.88	46.88	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594422.98	4129969.7	0.04742	46.81	46.81	1.5	ANNUAL	SRCGP1	5	
594443.2	4129969.7	0.05122	46.87	46.87	1.5	ANNUAL	SRCGP1	5	
594463.42	4129969.7	0.05559	46.91	46.91	1.5	ANNUAL	SRCGP1	5	
594261.22	4129989.7	0.03473	46.96	46.96	1.5	ANNUAL	SRCGP1	5	
594281.44	4129989.7	0.03542	46.88	46.88	1.5	ANNUAL	SRCGP1	5	
594301.66	4129989.7	0.03636	46.76	46.76	1.5	ANNUAL	SRCGP1	5	
594321.88	4129989.7	0.03751	46.79	46.79	1.5	ANNUAL	SRCGP1	5	
594342.1	4129989.7	0.03907	46.63	46.63	1.5	ANNUAL	SRCGP1	5	
594362.32	4129989.7	0.04099	46.54	46.54	1.5	ANNUAL	SRCGP1	5	
594422.98	4129989.7	0.04941	46.79	46.79	1.5	ANNUAL	SRCGP1	5	
594443.2	4129989.7	0.0534	46.8	46.8	1.5	ANNUAL	SRCGP1	5	
594463.42	4129989.7	0.05799	46.86	46.86	1.5	ANNUAL	SRCGP1	5	
594342.1	4130009.7	0.04142	46.52	46.52	1.5	ANNUAL	SRCGP1	5	
594362.32	4130009.7	0.04323	46.52	46.52	1.5	ANNUAL	SRCGP1	5	
594382.54	4130009.7	0.0456	46.4	46.4	1.5	ANNUAL	SRCGP1	5	
594422.98	4130009.7	0.05197	46.3	46.3	1.5	ANNUAL	SRCGP1	5	
594342.1	4130029.7	0.04441	46.06	46.06	1.5	ANNUAL	SRCGP1	5	
594362.32	4130029.7	0.04618	46.03	46.03	1.5	ANNUAL	SRCGP1	5	
594382.54	4130029.7	0.04838	46.1	46.1	1.5	ANNUAL	SRCGP1	5	
594422.98	4130029.7	0.05468	46.15	46.15	1.5	ANNUAL	SRCGP1	5	
594321.88	4130049.7	0.04638	46.11	46.11	1.5	ANNUAL	SRCGP1	5	
594342.1	4130049.7	0.04766	46.08	46.08	1.5	ANNUAL	SRCGP1	5	
594362.32	4130049.7	0.04936	46.02	46.02	1.5	ANNUAL	SRCGP1	5	
594382.54	4130049.7	0.05144	46.14	46.14	1.5	ANNUAL	SRCGP1	5	
594422.98	4130049.7	0.05764	46.25	46.25	1.5	ANNUAL	SRCGP1	5	
594443.2	4130049.7	0.06191	46.34	46.34	1.5	ANNUAL	SRCGP1	5	
594463.42	4130049.7	0.06718	46.36	46.36	1.5	ANNUAL	SRCGP1	5	
594443.2	4130089.7	0.07025	45.91	45.91	1.5	ANNUAL	SRCGP1	5	
594463.42	4130089.7	0.07569	46.05	46.05	1.5	ANNUAL	SRCGP1	5	
594321.88	4130109.7	0.06027	46.22	46.22	1.5	ANNUAL	SRCGP1	5	
594342.1	4130109.7	0.06156	46.15	46.15	1.5	ANNUAL	SRCGP1	5	
594362.32	4130109.7	0.06341	45.72	45.72	1.5	ANNUAL	SRCGP1	5	
594402.76	4130109.7	0.06783	45.82	45.82	1.5	ANNUAL	SRCGP1	5	
594422.98	4130109.7	0.07094	46.03	46.03	1.5	ANNUAL	SRCGP1	5	
594443.2	4130109.7	0.07536	45.98	45.98	1.5	ANNUAL	SRCGP1	5	
594463.42	4130109.7	0.08097	46.01	46.01	1.5	ANNUAL	SRCGP1	5	
594321.88	4130129.7	0.06669	45.91	45.91	1.5	ANNUAL	SRCGP1	5	
594342.1	4130129.7	0.06818	45.82	45.82	1.5	ANNUAL	SRCGP1	5	
594362.32	4130129.7	0.07295	45.47	45.47	1.5	ANNUAL	SRCGP1	5	
594402.76	4130129.7	0.07397	46.12	46.12	1.5	ANNUAL	SRCGP1	5	
594422.98	4130129.7	0.07694	46.34	46.34	1.5	ANNUAL	SRCGP1	5	
594443.2	4130129.7	0.08162	46.02	46.02	1.5	ANNUAL	SRCGP1	5	
594463.42	4130129.7	0.0875	45.86	45.86	1.5	ANNUAL	SRCGP1	5	
594321.88	4130149.7	0.07398	45.64	45.64	1.5	ANNUAL	SRCGP1	5	
594342.1	4130149.7	0.07811	45.56	45.56	1.5	ANNUAL	SRCGP1	5	
594362.32	4130149.7	0.08056	45.36	45.36	1.5	ANNUAL	SRCGP1	5	
594422.98	4130149.7	0.08425	46.7	46.7	1.5	ANNUAL	SRCGP1	5	
594443.2	4130149.7	0.08891	46.34	46.34	1.5	ANNUAL	SRCGP1	5	
594463.42	4130149.7	0.09466	46.24	46.24	1.5	ANNUAL	SRCGP1	5	
594483.64	4130149.7	0.10231	46.1	46.1	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594503.86	4130149.7	0.11214	46.02	46.02	1.5	ANNUAL	SRCGP1	5	
594524.08	4130149.7	0.12442	46.08	46.08	1.5	ANNUAL	SRCGP1	5	
594544.3	4130149.7	0.14019	45.96	45.96	1.5	ANNUAL	SRCGP1	5	
594564.52	4130149.7	0.15998	45.71	45.71	1.5	ANNUAL	SRCGP1	5	
594584.74	4130149.7	0.19071	45.58	45.58	1.5	ANNUAL	SRCGP1	5	
594301.66	4130169.7	0.08151	45.46	45.46	1.5	ANNUAL	SRCGP1	5	
594321.88	4130169.7	0.08403	45.36	45.36	1.5	ANNUAL	SRCGP1	5	
594342.1	4130169.7	0.0866	45.38	45.38	1.5	ANNUAL	SRCGP1	5	
594362.32	4130169.7	0.08933	45.44	45.44	1.5	ANNUAL	SRCGP1	5	
594422.98	4130169.7	0.09348	46.88	46.88	1.5	ANNUAL	SRCGP1	5	
594443.2	4130169.7	0.09777	46.77	46.77	1.5	ANNUAL	SRCGP1	5	
594463.42	4130169.7	0.10334	46.72	46.72	1.5	ANNUAL	SRCGP1	5	
594483.64	4130169.7	0.11081	46.67	46.67	1.5	ANNUAL	SRCGP1	5	
594503.86	4130169.7	0.12101	46.51	46.51	1.5	ANNUAL	SRCGP1	5	
594524.08	4130169.7	0.13421	46.41	46.41	1.5	ANNUAL	SRCGP1	5	
594544.3	4130169.7	0.15128	46.26	46.26	1.5	ANNUAL	SRCGP1	5	
594564.52	4130169.7	0.17342	45.88	45.88	1.5	ANNUAL	SRCGP1	5	
594790.33	4129651.7	0.10171	49.15	49.15	1.5	ANNUAL	SRCGP1	5	
594810.33	4129651.7	0.10844	49.15	49.15	1.5	ANNUAL	SRCGP1	5	
594830.33	4129651.7	0.11531	49.14	49.14	1.5	ANNUAL	SRCGP1	5	
594850.33	4129651.7	0.12231	49.18	49.18	1.5	ANNUAL	SRCGP1	5	
594870.33	4129651.7	0.12958	49.15	49.15	1.5	ANNUAL	SRCGP1	5	
594890.33	4129651.7	0.13734	48.97	48.97	1.5	ANNUAL	SRCGP1	5	
594910.33	4129651.7	0.14531	48.87	48.87	1.5	ANNUAL	SRCGP1	5	
594930.33	4129651.7	0.15363	48.81	48.81	1.5	ANNUAL	SRCGP1	5	
594950.33	4129651.7	0.16267	48.63	48.63	1.5	ANNUAL	SRCGP1	5	
594970.33	4129651.7	0.17227	48.49	48.49	1.5	ANNUAL	SRCGP1	5	
594990.33	4129651.7	0.18272	48.3	48.3	1.5	ANNUAL	SRCGP1	5	
595010.33	4129651.7	0.19416	48.05	48.05	1.5	ANNUAL	SRCGP1	5	
595030.33	4129651.7	0.20656	47.79	47.79	1.5	ANNUAL	SRCGP1	5	
595050.33	4129651.7	0.21876	47.99	47.99	1.5	ANNUAL	SRCGP1	5	
595070.33	4129651.7	0.23412	47.33	47.33	1.5	ANNUAL	SRCGP1	5	
595090.33	4129651.7	0.24852	47.35	47.35	1.5	ANNUAL	SRCGP1	5	
594790.33	4129671.7	0.10751	48.86	48.86	1.5	ANNUAL	SRCGP1	5	
594810.33	4129671.7	0.1147	48.93	48.93	1.5	ANNUAL	SRCGP1	5	
594830.33	4129671.7	0.12202	49.02	49.02	1.5	ANNUAL	SRCGP1	5	
594850.33	4129671.7	0.12972	48.97	48.97	1.5	ANNUAL	SRCGP1	5	
594870.33	4129671.7	0.13765	48.92	48.92	1.5	ANNUAL	SRCGP1	5	
594890.33	4129671.7	0.14579	48.94	48.94	1.5	ANNUAL	SRCGP1	5	
594910.33	4129671.7	0.15448	48.84	48.84	1.5	ANNUAL	SRCGP1	5	
594930.33	4129671.7	0.16382	48.65	48.65	1.5	ANNUAL	SRCGP1	5	
594950.33	4129671.7	0.17367	48.52	48.52	1.5	ANNUAL	SRCGP1	5	
594970.33	4129671.7	0.18423	48.41	48.41	1.5	ANNUAL	SRCGP1	5	
594990.33	4129671.7	0.1959	48.18	48.18	1.5	ANNUAL	SRCGP1	5	
595010.33	4129671.7	0.20885	47.83	47.83	1.5	ANNUAL	SRCGP1	5	
595030.33	4129671.7	0.22232	47.69	47.69	1.5	ANNUAL	SRCGP1	5	
595050.33	4129671.7	0.23646	47.68	47.68	1.5	ANNUAL	SRCGP1	5	
595090.33	4129671.7	0.26834	47.36	47.36	1.5	ANNUAL	SRCGP1	5	
594790.33	4129691.7	0.11368	48.71	48.71	1.5	ANNUAL	SRCGP1	5	
594810.33	4129691.7	0.12147	48.78	48.78	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594830.33	4129691.7	0.1296	48.73	48.73	1.5	ANNUAL	SRCGP1	5	
594850.33	4129691.7	0.13802	48.64	48.64	1.5	ANNUAL	SRCGP1	5	
594870.33	4129691.7	0.14661	48.64	48.64	1.5	ANNUAL	SRCGP1	5	
594890.33	4129691.7	0.15544	48.7	48.7	1.5	ANNUAL	SRCGP1	5	
594910.33	4129691.7	0.16508	48.55	48.55	1.5	ANNUAL	SRCGP1	5	
594930.33	4129691.7	0.17518	48.46	48.46	1.5	ANNUAL	SRCGP1	5	
594950.33	4129691.7	0.18634	48.21	48.21	1.5	ANNUAL	SRCGP1	5	
594970.33	4129691.7	0.1982	48.05	48.05	1.5	ANNUAL	SRCGP1	5	
594990.33	4129691.7	0.21062	48.06	48.06	1.5	ANNUAL	SRCGP1	5	
595010.33	4129691.7	0.22479	47.8	47.8	1.5	ANNUAL	SRCGP1	5	
595050.33	4129691.7	0.2559	47.51	47.51	1.5	ANNUAL	SRCGP1	5	
595070.33	4129691.7	0.27263	47.48	47.48	1.5	ANNUAL	SRCGP1	5	
595090.33	4129691.7	0.2909	47.23	47.23	1.5	ANNUAL	SRCGP1	5	
594790.33	4129711.7	0.12069	48.36	48.36	1.5	ANNUAL	SRCGP1	5	
594810.33	4129711.7	0.12918	48.42	48.42	1.5	ANNUAL	SRCGP1	5	
594830.33	4129711.7	0.13782	48.52	48.52	1.5	ANNUAL	SRCGP1	5	
594850.33	4129711.7	0.14722	48.29	48.29	1.5	ANNUAL	SRCGP1	5	
594870.33	4129711.7	0.15659	48.31	48.31	1.5	ANNUAL	SRCGP1	5	
594890.33	4129711.7	0.166	48.53	48.53	1.5	ANNUAL	SRCGP1	5	
594910.33	4129711.7	0.17651	48.43	48.43	1.5	ANNUAL	SRCGP1	5	
594930.33	4129711.7	0.18782	48.27	48.27	1.5	ANNUAL	SRCGP1	5	
595050.33	4129711.7	0.27726	47.48	47.48	1.5	ANNUAL	SRCGP1	5	
595070.33	4129711.7	0.29595	47.39	47.39	1.5	ANNUAL	SRCGP1	5	
595090.33	4129711.7	0.31587	47.17	47.17	1.5	ANNUAL	SRCGP1	5	
595130.33	4129711.7	0.35791	46.45	46.45	1.5	ANNUAL	SRCGP1	5	
595150.33	4129711.7	0.37878	46.11	46.11	1.5	ANNUAL	SRCGP1	5	
595170.33	4129711.7	0.39888	45.84	45.84	1.5	ANNUAL	SRCGP1	5	
594790.33	4129731.7	0.12829	48.09	48.09	1.5	ANNUAL	SRCGP1	5	
594810.33	4129731.7	0.1374	48.25	48.25	1.5	ANNUAL	SRCGP1	5	
594830.33	4129731.7	0.14682	48.35	48.35	1.5	ANNUAL	SRCGP1	5	
594850.33	4129731.7	0.15674	48.33	48.33	1.5	ANNUAL	SRCGP1	5	
594870.33	4129731.7	0.16713	48.27	48.27	1.5	ANNUAL	SRCGP1	5	
594890.33	4129731.7	0.1779	48.27	48.27	1.5	ANNUAL	SRCGP1	5	
594910.33	4129731.7	0.18939	48.23	48.23	1.5	ANNUAL	SRCGP1	5	
594930.33	4129731.7	0.20218	47.98	47.98	1.5	ANNUAL	SRCGP1	5	
594950.33	4129731.7	0.2156	47.9	47.9	1.5	ANNUAL	SRCGP1	5	
594970.33	4129731.7	0.2302	47.8	47.8	1.5	ANNUAL	SRCGP1	5	
594990.33	4129731.7	0.24595	47.74	47.74	1.5	ANNUAL	SRCGP1	5	
595010.33	4129731.7	0.26294	47.7	47.7	1.5	ANNUAL	SRCGP1	5	
595050.33	4129731.7	0.30206	47.24	47.24	1.5	ANNUAL	SRCGP1	5	
595070.33	4129731.7	0.32228	47.26	47.26	1.5	ANNUAL	SRCGP1	5	
595090.33	4129731.7	0.34346	47.2	47.2	1.5	ANNUAL	SRCGP1	5	
595130.33	4129731.7	0.38923	46.39	46.39	1.5	ANNUAL	SRCGP1	5	
595150.33	4129731.7	0.41205	45.88	45.88	1.5	ANNUAL	SRCGP1	5	
595210.33	4129731.7	0.46985	45.68	45.68	1.5	ANNUAL	SRCGP1	5	
595230.33	4129731.7	0.48628	45.67	45.67	1.5	ANNUAL	SRCGP1	5	
595270.33	4129731.7	0.52179	45.17	45.17	1.5	ANNUAL	SRCGP1	5	
595290.33	4129731.7	0.53416	44.96	44.96	1.5	ANNUAL	SRCGP1	5	
594470.33	4129751.7	0.03888	47.62	47.62	1.5	ANNUAL	SRCGP1	5	
594490.33	4129751.7	0.04142	47.72	47.72	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594510.33	4129751.7	0.04419	47.78	47.78	1.5	ANNUAL	SRCGP1	5	
594530.33	4129751.7	0.04725	47.86	47.86	1.5	ANNUAL	SRCGP1	5	
594550.33	4129751.7	0.05082	47.58	47.58	1.5	ANNUAL	SRCGP1	5	
594570.33	4129751.7	0.05469	47.65	47.65	1.5	ANNUAL	SRCGP1	5	
594590.33	4129751.7	0.05909	47.72	47.72	1.5	ANNUAL	SRCGP1	5	
594790.33	4129751.7	0.13653	47.91	47.91	1.5	ANNUAL	SRCGP1	5	
594810.33	4129751.7	0.14656	48.01	48.01	1.5	ANNUAL	SRCGP1	5	
594830.33	4129751.7	0.15692	48.09	48.09	1.5	ANNUAL	SRCGP1	5	
594850.33	4129751.7	0.16796	47.99	47.99	1.5	ANNUAL	SRCGP1	5	
594870.33	4129751.7	0.179	48.14	48.14	1.5	ANNUAL	SRCGP1	5	
594890.33	4129751.7	0.19076	48.2	48.2	1.5	ANNUAL	SRCGP1	5	
594910.33	4129751.7	0.20359	48.12	48.12	1.5	ANNUAL	SRCGP1	5	
594930.33	4129751.7	0.2175	48	48	1.5	ANNUAL	SRCGP1	5	
594950.33	4129751.7	0.23242	47.94	47.94	1.5	ANNUAL	SRCGP1	5	
594970.33	4129751.7	0.24862	47.89	47.89	1.5	ANNUAL	SRCGP1	5	
594990.33	4129751.7	0.26652	47.75	47.75	1.5	ANNUAL	SRCGP1	5	
595010.33	4129751.7	0.28625	47.52	47.52	1.5	ANNUAL	SRCGP1	5	
595050.33	4129751.7	0.3297	47.09	47.09	1.5	ANNUAL	SRCGP1	5	
595070.33	4129751.7	0.35219	47.06	47.06	1.5	ANNUAL	SRCGP1	5	
595090.33	4129751.7	0.37555	46.95	46.95	1.5	ANNUAL	SRCGP1	5	
595170.33	4129751.7	0.46962	45.71	45.71	1.5	ANNUAL	SRCGP1	5	
595190.33	4129751.7	0.48933	45.71	45.71	1.5	ANNUAL	SRCGP1	5	
595210.33	4129751.7	0.50775	45.65	45.65	1.5	ANNUAL	SRCGP1	5	
595230.33	4129751.7	0.52425	45.65	45.65	1.5	ANNUAL	SRCGP1	5	
595270.33	4129751.7	0.55964	45.33	45.33	1.5	ANNUAL	SRCGP1	5	
595290.33	4129751.7	0.57192	45.04	45.04	1.5	ANNUAL	SRCGP1	5	
594470.33	4129771.7	0.04021	47.2	47.2	1.5	ANNUAL	SRCGP1	5	
594490.33	4129771.7	0.04282	47.61	47.61	1.5	ANNUAL	SRCGP1	5	
594510.33	4129771.7	0.04587	47.36	47.36	1.5	ANNUAL	SRCGP1	5	
594530.33	4129771.7	0.04909	47.53	47.53	1.5	ANNUAL	SRCGP1	5	
594550.33	4129771.7	0.05288	47.29	47.29	1.5	ANNUAL	SRCGP1	5	
594570.33	4129771.7	0.05696	47.46	47.46	1.5	ANNUAL	SRCGP1	5	
594590.33	4129771.7	0.06164	47.57	47.57	1.5	ANNUAL	SRCGP1	5	
594790.33	4129771.7	0.14549	47.83	47.83	1.5	ANNUAL	SRCGP1	5	
594810.33	4129771.7	0.15632	48.01	48.01	1.5	ANNUAL	SRCGP1	5	
594830.33	4129771.7	0.16779	48.02	48.02	1.5	ANNUAL	SRCGP1	5	
594850.33	4129771.7	0.17941	48.17	48.17	1.5	ANNUAL	SRCGP1	5	
594870.33	4129771.7	0.19225	48	48	1.5	ANNUAL	SRCGP1	5	
594890.33	4129771.7	0.2054	48.02	48.02	1.5	ANNUAL	SRCGP1	5	
594910.33	4129771.7	0.22111	47.42	47.42	1.5	ANNUAL	SRCGP1	5	
594930.33	4129771.7	0.23692	47.27	47.27	1.5	ANNUAL	SRCGP1	5	
594950.33	4129771.7	0.25349	47.33	47.33	1.5	ANNUAL	SRCGP1	5	
594970.33	4129771.7	0.27181	47.3	47.3	1.5	ANNUAL	SRCGP1	5	
594990.33	4129771.7	0.291	47.45	47.45	1.5	ANNUAL	SRCGP1	5	
595010.33	4129771.7	0.31262	47.36	47.36	1.5	ANNUAL	SRCGP1	5	
595050.33	4129771.7	0.36057	47.02	47.02	1.5	ANNUAL	SRCGP1	5	
595070.33	4129771.7	0.38562	46.92	46.92	1.5	ANNUAL	SRCGP1	5	
595090.33	4129771.7	0.41042	46.95	46.95	1.5	ANNUAL	SRCGP1	5	
595170.33	4129771.7	0.51006	45.71	45.71	1.5	ANNUAL	SRCGP1	5	
595190.33	4129771.7	0.53043	45.67	45.67	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595230.33	4129771.7	0.56547	45.62	45.62	1.5	ANNUAL	SRCGP1	5	
595250.33	4129771.7	0.57958	45.71	45.71	1.5	ANNUAL	SRCGP1	5	
595270.33	4129771.7	0.60023	45.55	45.55	1.5	ANNUAL	SRCGP1	5	
595290.33	4129771.7	0.61227	45.19	45.19	1.5	ANNUAL	SRCGP1	5	
594470.33	4129791.7	0.0415	47.17	47.17	1.5	ANNUAL	SRCGP1	5	
594490.33	4129791.7	0.04443	47.06	47.06	1.5	ANNUAL	SRCGP1	5	
594510.33	4129791.7	0.04758	47.13	47.13	1.5	ANNUAL	SRCGP1	5	
594530.33	4129791.7	0.0511	47.12	47.12	1.5	ANNUAL	SRCGP1	5	
594550.33	4129791.7	0.05491	47.37	47.37	1.5	ANNUAL	SRCGP1	5	
594570.33	4129791.7	0.05942	47.24	47.24	1.5	ANNUAL	SRCGP1	5	
594590.33	4129791.7	0.0645	47.24	47.24	1.5	ANNUAL	SRCGP1	5	
594610.33	4129791.7	0.0702	47.37	47.37	1.5	ANNUAL	SRCGP1	5	
594790.33	4129791.7	0.15526	47.83	47.83	1.5	ANNUAL	SRCGP1	5	
594810.33	4129791.7	0.16703	48.06	48.06	1.5	ANNUAL	SRCGP1	5	
594830.33	4129791.7	0.17968	48.04	48.04	1.5	ANNUAL	SRCGP1	5	
594850.33	4129791.7	0.19333	47.82	47.82	1.5	ANNUAL	SRCGP1	5	
594870.33	4129791.7	0.20689	47.94	47.94	1.5	ANNUAL	SRCGP1	5	
594890.33	4129791.7	0.22186	47.84	47.84	1.5	ANNUAL	SRCGP1	5	
594930.33	4129791.7	0.25673	47.26	47.26	1.5	ANNUAL	SRCGP1	5	
594950.33	4129791.7	0.2753	47.35	47.35	1.5	ANNUAL	SRCGP1	5	
594970.33	4129791.7	0.29602	47.3	47.3	1.5	ANNUAL	SRCGP1	5	
594990.33	4129791.7	0.31912	47.1	47.1	1.5	ANNUAL	SRCGP1	5	
595010.33	4129791.7	0.34397	46.9	46.9	1.5	ANNUAL	SRCGP1	5	
595050.33	4129791.7	0.39594	46.86	46.86	1.5	ANNUAL	SRCGP1	5	
595070.33	4129791.7	0.42327	46.79	46.79	1.5	ANNUAL	SRCGP1	5	
595090.33	4129791.7	0.45082	46.69	46.69	1.5	ANNUAL	SRCGP1	5	
595190.33	4129791.7	0.57507	45.69	45.69	1.5	ANNUAL	SRCGP1	5	
595210.33	4129791.7	0.59356	45.67	45.67	1.5	ANNUAL	SRCGP1	5	
595230.33	4129791.7	0.60973	45.68	45.68	1.5	ANNUAL	SRCGP1	5	
595250.33	4129791.7	0.62396	45.65	45.65	1.5	ANNUAL	SRCGP1	5	
595270.33	4129791.7	0.64539	45.31	45.31	1.5	ANNUAL	SRCGP1	5	
595290.33	4129791.7	0.65674	44.96	44.96	1.5	ANNUAL	SRCGP1	5	
595310.33	4129791.7	0.66498	45	45	1.5	ANNUAL	SRCGP1	5	
595330.33	4129791.7	0.67209	44.84	44.84	1.5	ANNUAL	SRCGP1	5	
594470.33	4129811.7	0.04289	47.07	47.07	1.5	ANNUAL	SRCGP1	5	
594490.33	4129811.7	0.04602	46.93	46.93	1.5	ANNUAL	SRCGP1	5	
594510.33	4129811.7	0.04933	47.1	47.1	1.5	ANNUAL	SRCGP1	5	
594530.33	4129811.7	0.05308	47.07	47.07	1.5	ANNUAL	SRCGP1	5	
594550.33	4129811.7	0.05715	47.3	47.3	1.5	ANNUAL	SRCGP1	5	
594570.33	4129811.7	0.0619	47.27	47.27	1.5	ANNUAL	SRCGP1	5	
594590.33	4129811.7	0.0672	47.43	47.43	1.5	ANNUAL	SRCGP1	5	
594610.33	4129811.7	0.07345	47.37	47.37	1.5	ANNUAL	SRCGP1	5	
594790.33	4129811.7	0.16651	47.62	47.62	1.5	ANNUAL	SRCGP1	5	
594810.33	4129811.7	0.17966	47.77	47.77	1.5	ANNUAL	SRCGP1	5	
594830.33	4129811.7	0.19355	47.8	47.8	1.5	ANNUAL	SRCGP1	5	
594850.33	4129811.7	0.20873	47.57	47.57	1.5	ANNUAL	SRCGP1	5	
594870.33	4129811.7	0.2241	47.61	47.61	1.5	ANNUAL	SRCGP1	5	
594890.33	4129811.7	0.24065	47.6	47.6	1.5	ANNUAL	SRCGP1	5	
594950.33	4129811.7	0.30055	47.26	47.26	1.5	ANNUAL	SRCGP1	5	
594970.33	4129811.7	0.32389	47.24	47.24	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.33	4129811.7	0.35067	46.89	46.89	1.5	ANNUAL	SRCGP1	5	
595010.33	4129811.7	0.37807	46.8	46.8	1.5	ANNUAL	SRCGP1	5	
595050.33	4129811.7	0.43579	46.75	46.75	1.5	ANNUAL	SRCGP1	5	
595070.33	4129811.7	0.46581	46.65	46.65	1.5	ANNUAL	SRCGP1	5	
595090.33	4129811.7	0.49526	46.6	46.6	1.5	ANNUAL	SRCGP1	5	
595190.33	4129811.7	0.62399	45.68	45.68	1.5	ANNUAL	SRCGP1	5	
595210.33	4129811.7	0.64225	45.67	45.67	1.5	ANNUAL	SRCGP1	5	
595250.33	4129811.7	0.68262	45.08	45.08	1.5	ANNUAL	SRCGP1	5	
595270.33	4129811.7	0.69393	45.11	45.11	1.5	ANNUAL	SRCGP1	5	
595310.33	4129811.7	0.71096	44.98	44.98	1.5	ANNUAL	SRCGP1	5	
595350.33	4129811.7	0.72105	44.65	44.65	1.5	ANNUAL	SRCGP1	5	
594790.33	4129831.7	0.17876	47.56	47.56	1.5	ANNUAL	SRCGP1	5	
594810.33	4129831.7	0.19329	47.71	47.71	1.5	ANNUAL	SRCGP1	5	
594830.33	4129831.7	0.20861	47.77	47.77	1.5	ANNUAL	SRCGP1	5	
594850.33	4129831.7	0.22574	47.45	47.45	1.5	ANNUAL	SRCGP1	5	
594870.33	4129831.7	0.24268	47.58	47.58	1.5	ANNUAL	SRCGP1	5	
594890.33	4129831.7	0.26159	47.48	47.48	1.5	ANNUAL	SRCGP1	5	
594950.33	4129831.7	0.32879	47.32	47.32	1.5	ANNUAL	SRCGP1	5	
594970.33	4129831.7	0.35559	47.23	47.23	1.5	ANNUAL	SRCGP1	5	
594990.33	4129831.7	0.38671	46.71	46.71	1.5	ANNUAL	SRCGP1	5	
595010.33	4129831.7	0.41727	46.66	46.66	1.5	ANNUAL	SRCGP1	5	
595050.33	4129831.7	0.48153	46.55	46.55	1.5	ANNUAL	SRCGP1	5	
595070.33	4129831.7	0.51412	46.46	46.46	1.5	ANNUAL	SRCGP1	5	
595090.33	4129831.7	0.54561	46.43	46.43	1.5	ANNUAL	SRCGP1	5	
595270.33	4129831.7	0.74598	44.97	44.97	1.5	ANNUAL	SRCGP1	5	
595310.33	4129831.7	0.76043	44.84	44.84	1.5	ANNUAL	SRCGP1	5	
595330.33	4129831.7	0.76448	44.79	44.79	1.5	ANNUAL	SRCGP1	5	
595350.33	4129831.7	0.76683	44.68	44.68	1.5	ANNUAL	SRCGP1	5	
594790.33	4129851.7	0.19227	47.59	47.59	1.5	ANNUAL	SRCGP1	5	
594810.33	4129851.7	0.20835	47.75	47.75	1.5	ANNUAL	SRCGP1	5	
594830.33	4129851.7	0.22652	47.4	47.4	1.5	ANNUAL	SRCGP1	5	
594850.33	4129851.7	0.24521	47.26	47.26	1.5	ANNUAL	SRCGP1	5	
594870.33	4129851.7	0.26505	47.17	47.17	1.5	ANNUAL	SRCGP1	5	
594890.33	4129851.7	0.28595	47.24	47.24	1.5	ANNUAL	SRCGP1	5	
594950.33	4129851.7	0.3626	47.11	47.11	1.5	ANNUAL	SRCGP1	5	
594970.33	4129851.7	0.39397	46.87	46.87	1.5	ANNUAL	SRCGP1	5	
594990.33	4129851.7	0.42801	46.56	46.56	1.5	ANNUAL	SRCGP1	5	
595010.33	4129851.7	0.46175	46.6	46.6	1.5	ANNUAL	SRCGP1	5	
595050.33	4129851.7	0.53295	46.44	46.44	1.5	ANNUAL	SRCGP1	5	
595070.33	4129851.7	0.56839	46.32	46.32	1.5	ANNUAL	SRCGP1	5	
595090.33	4129851.7	0.60175	46.32	46.32	1.5	ANNUAL	SRCGP1	5	
595290.33	4129851.7	0.80778	44.98	44.98	1.5	ANNUAL	SRCGP1	5	
595310.33	4129851.7	0.81247	44.85	44.85	1.5	ANNUAL	SRCGP1	5	
595330.33	4129851.7	0.81449	44.84	44.84	1.5	ANNUAL	SRCGP1	5	
594790.33	4129911.7	0.24686	46.78	46.78	1.5	ANNUAL	SRCGP1	5	
594810.33	4129911.7	0.26879	47.19	47.19	1.5	ANNUAL	SRCGP1	5	
594830.33	4129911.7	0.29382	47.09	47.09	1.5	ANNUAL	SRCGP1	5	
594850.33	4129911.7	0.32207	46.7	46.7	1.5	ANNUAL	SRCGP1	5	
594870.33	4129911.7	0.35094	46.74	46.74	1.5	ANNUAL	SRCGP1	5	
594890.33	4129911.7	0.38367	46.6	46.6	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4129911.7	0.41948	46.52	46.52	1.5	ANNUAL	SRCGP1	5	
594930.33	4129911.7	0.45913	46.39	46.39	1.5	ANNUAL	SRCGP1	5	
594950.33	4129911.7	0.50265	46.19	46.19	1.5	ANNUAL	SRCGP1	5	
594970.33	4129911.7	0.54915	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594990.33	4129911.7	0.59755	45.75	45.75	1.5	ANNUAL	SRCGP1	5	
595010.33	4129911.7	0.64215	46.09	46.09	1.5	ANNUAL	SRCGP1	5	
595030.33	4129911.7	0.68979	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
595050.33	4129911.7	0.73531	45.89	45.89	1.5	ANNUAL	SRCGP1	5	
595090.33	4129911.7	0.83271	45.52	45.52	1.5	ANNUAL	SRCGP1	5	
595110.33	4129911.7	0.86628	45.59	45.59	1.5	ANNUAL	SRCGP1	5	
595130.33	4129911.7	0.89669	45.47	45.47	1.5	ANNUAL	SRCGP1	5	
595150.33	4129911.7	0.92193	45.48	45.48	1.5	ANNUAL	SRCGP1	5	
595170.33	4129911.7	0.94288	45.47	45.47	1.5	ANNUAL	SRCGP1	5	
595190.33	4129911.7	0.95947	45.48	45.48	1.5	ANNUAL	SRCGP1	5	
595210.33	4129911.7	0.97315	45.3	45.3	1.5	ANNUAL	SRCGP1	5	
595230.33	4129911.7	0.98535	44.69	44.69	1.5	ANNUAL	SRCGP1	5	
595250.33	4129911.7	0.99075	44.65	44.65	1.5	ANNUAL	SRCGP1	5	
595270.33	4129911.7	0.99282	44.61	44.61	1.5	ANNUAL	SRCGP1	5	
595290.33	4129911.7	0.98989	44.94	44.94	1.5	ANNUAL	SRCGP1	5	
595310.33	4129911.7	0.98883	44.34	44.34	1.5	ANNUAL	SRCGP1	5	
595330.33	4129911.7	0.98337	44.06	44.06	1.5	ANNUAL	SRCGP1	5	
595350.33	4129911.7	0.97295	44.33	44.33	1.5	ANNUAL	SRCGP1	5	
595370.33	4129911.7	0.9621	44.2	44.2	1.5	ANNUAL	SRCGP1	5	
595390.33	4129911.7	0.94936	44.02	44.02	1.5	ANNUAL	SRCGP1	5	
595430.33	4129911.7	0.91778	43.83	43.83	1.5	ANNUAL	SRCGP1	5	
595450.33	4129911.7	0.89863	44.05	44.05	1.5	ANNUAL	SRCGP1	5	
594790.33	4129931.7	0.27076	46.42	46.42	1.5	ANNUAL	SRCGP1	5	
594810.33	4129931.7	0.29692	46.53	46.53	1.5	ANNUAL	SRCGP1	5	
594830.33	4129931.7	0.32563	46.45	46.45	1.5	ANNUAL	SRCGP1	5	
594850.33	4129931.7	0.35707	46.31	46.31	1.5	ANNUAL	SRCGP1	5	
594870.33	4129931.7	0.3917	46.16	46.16	1.5	ANNUAL	SRCGP1	5	
594890.33	4129931.7	0.42943	46.11	46.11	1.5	ANNUAL	SRCGP1	5	
594910.33	4129931.7	0.4733	45.73	45.73	1.5	ANNUAL	SRCGP1	5	
594930.33	4129931.7	0.51773	45.86	45.86	1.5	ANNUAL	SRCGP1	5	
594950.33	4129931.7	0.56764	45.7	45.7	1.5	ANNUAL	SRCGP1	5	
594970.33	4129931.7	0.63947	45.49	45.49	1.5	ANNUAL	SRCGP1	5	
594990.33	4129931.7	0.6912	45.55	45.55	1.5	ANNUAL	SRCGP1	5	
595010.33	4129931.7	0.74256	45.59	45.59	1.5	ANNUAL	SRCGP1	5	
595030.33	4129931.7	0.79392	45.35	45.35	1.5	ANNUAL	SRCGP1	5	
595050.33	4129931.7	0.8406	45.43	45.43	1.5	ANNUAL	SRCGP1	5	
595090.33	4129931.7	0.92343	45.36	45.36	1.5	ANNUAL	SRCGP1	5	
595110.33	4129931.7	0.95782	45.32	45.32	1.5	ANNUAL	SRCGP1	5	
595130.33	4129931.7	0.98758	45.21	45.21	1.5	ANNUAL	SRCGP1	5	
595150.33	4129931.7	1.0108	45.32	45.32	1.5	ANNUAL	SRCGP1	5	
595170.33	4129931.7	1.02977	45.32	45.32	1.5	ANNUAL	SRCGP1	5	
595190.33	4129931.7	1.0452	45.14	45.14	1.5	ANNUAL	SRCGP1	5	
595210.33	4129931.7	1.05564	45.04	45.04	1.5	ANNUAL	SRCGP1	5	
595250.33	4129931.7	1.06448	44.8	44.8	1.5	ANNUAL	SRCGP1	5	
595270.33	4129931.7	1.06278	44.78	44.78	1.5	ANNUAL	SRCGP1	5	
595290.33	4129931.7	1.05969	44.41	44.41	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.33	4129931.7	1.05257	44.2	44.2	1.5	ANNUAL	SRCGP1	5	
595330.33	4129931.7	1.04286	43.93	43.93	1.5	ANNUAL	SRCGP1	5	
595350.33	4129931.7	1.02806	44.19	44.19	1.5	ANNUAL	SRCGP1	5	
595370.33	4129931.7	1.01399	43.79	43.79	1.5	ANNUAL	SRCGP1	5	
595390.33	4129931.7	0.99572	43.87	43.87	1.5	ANNUAL	SRCGP1	5	
595430.33	4129931.7	0.95536	43.72	43.72	1.5	ANNUAL	SRCGP1	5	
595450.33	4129931.7	0.93254	43.8	43.8	1.5	ANNUAL	SRCGP1	5	
594790.33	4129951.7	0.29783	46.19	46.19	1.5	ANNUAL	SRCGP1	5	
594810.33	4129951.7	0.32843	46.14	46.14	1.5	ANNUAL	SRCGP1	5	
594830.33	4129951.7	0.36173	46.03	46.03	1.5	ANNUAL	SRCGP1	5	
594850.33	4129951.7	0.39786	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594870.33	4129951.7	0.4382	45.84	45.84	1.5	ANNUAL	SRCGP1	5	
594890.33	4129951.7	0.48262	45.76	45.76	1.5	ANNUAL	SRCGP1	5	
594910.33	4129951.7	0.53099	45.76	45.76	1.5	ANNUAL	SRCGP1	5	
594930.33	4129951.7	0.60577	45.58	45.58	1.5	ANNUAL	SRCGP1	5	
594950.33	4129951.7	0.66286	45.45	45.45	1.5	ANNUAL	SRCGP1	5	
594970.33	4129951.7	0.7212	45.38	45.38	1.5	ANNUAL	SRCGP1	5	
594990.33	4129951.7	0.77939	45.36	45.36	1.5	ANNUAL	SRCGP1	5	
595010.33	4129951.7	0.83678	45.25	45.25	1.5	ANNUAL	SRCGP1	5	
595030.33	4129951.7	0.891	45.2	45.2	1.5	ANNUAL	SRCGP1	5	
595050.33	4129951.7	0.9409	45.2	45.2	1.5	ANNUAL	SRCGP1	5	
595090.33	4129951.7	1.02517	45.21	45.21	1.5	ANNUAL	SRCGP1	5	
595110.33	4129951.7	1.05827	45.27	45.27	1.5	ANNUAL	SRCGP1	5	
595130.33	4129951.7	1.08751	45.04	45.04	1.5	ANNUAL	SRCGP1	5	
595150.33	4129951.7	1.10834	45.17	45.17	1.5	ANNUAL	SRCGP1	5	
595170.33	4129951.7	1.12562	45.02	45.02	1.5	ANNUAL	SRCGP1	5	
595190.33	4129951.7	1.1392	44.64	44.64	1.5	ANNUAL	SRCGP1	5	
595210.33	4129951.7	1.14618	44.5	44.5	1.5	ANNUAL	SRCGP1	5	
595250.33	4129951.7	1.14302	44.82	44.82	1.5	ANNUAL	SRCGP1	5	
595290.33	4129951.7	1.12829	44.55	44.55	1.5	ANNUAL	SRCGP1	5	
595310.33	4129951.7	1.1167	44.27	44.27	1.5	ANNUAL	SRCGP1	5	
595330.33	4129951.7	1.10276	43.85	43.85	1.5	ANNUAL	SRCGP1	5	
595350.33	4129951.7	1.08262	44.14	44.14	1.5	ANNUAL	SRCGP1	5	
595370.33	4129951.7	1.06276	43.91	43.91	1.5	ANNUAL	SRCGP1	5	
595390.33	4129951.7	1.04023	43.82	43.82	1.5	ANNUAL	SRCGP1	5	
595430.33	4129951.7	0.99069	43.56	43.56	1.5	ANNUAL	SRCGP1	5	
595450.33	4129951.7	0.96336	43.64	43.64	1.5	ANNUAL	SRCGP1	5	
594510.33	4129971.7	0.06852	46.83	46.83	1.5	ANNUAL	SRCGP1	5	
594530.33	4129971.7	0.07493	47.03	47.03	1.5	ANNUAL	SRCGP1	5	
594550.33	4129971.7	0.08237	46.99	46.99	1.5	ANNUAL	SRCGP1	5	
595090.33	4129971.7	1.13956	45.01	45.01	1.5	ANNUAL	SRCGP1	5	
595110.33	4129971.7	1.17234	44.91	44.91	1.5	ANNUAL	SRCGP1	5	
595130.33	4129971.7	1.19769	44.88	44.88	1.5	ANNUAL	SRCGP1	5	
595150.33	4129971.7	1.21536	44.99	44.99	1.5	ANNUAL	SRCGP1	5	
595170.33	4129971.7	1.22935	44.78	44.78	1.5	ANNUAL	SRCGP1	5	
595190.33	4129971.7	1.23771	44.54	44.54	1.5	ANNUAL	SRCGP1	5	
595210.33	4129971.7	1.23871	44.57	44.57	1.5	ANNUAL	SRCGP1	5	
595230.33	4129971.7	1.23658	44.35	44.35	1.5	ANNUAL	SRCGP1	5	
595250.33	4129971.7	1.22499	44.85	44.85	1.5	ANNUAL	SRCGP1	5	
595270.33	4129971.7	1.2139	44.7	44.7	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595290.33	4129971.7	1.20072	44.28	44.28	1.5	ANNUAL	SRCGP1	5	
595310.33	4129971.7	1.18276	44.07	44.07	1.5	ANNUAL	SRCGP1	5	
595330.33	4129971.7	1.1626	43.7	43.7	1.5	ANNUAL	SRCGP1	5	
595350.33	4129971.7	1.1363	44.02	44.02	1.5	ANNUAL	SRCGP1	5	
595370.33	4129971.7	1.11024	43.88	43.88	1.5	ANNUAL	SRCGP1	5	
595390.33	4129971.7	1.08248	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595430.33	4129971.7	1.02235	43.48	43.48	1.5	ANNUAL	SRCGP1	5	
595450.33	4129971.7	0.99021	43.56	43.56	1.5	ANNUAL	SRCGP1	5	
594510.33	4129991.7	0.07182	46.81	46.81	1.5	ANNUAL	SRCGP1	5	
594530.33	4129991.7	0.07885	46.88	46.88	1.5	ANNUAL	SRCGP1	5	
594550.33	4129991.7	0.08681	46.99	46.99	1.5	ANNUAL	SRCGP1	5	
594790.33	4129991.7	0.36481	45.96	45.96	1.5	ANNUAL	SRCGP1	5	
594810.33	4129991.7	0.40499	46.02	46.02	1.5	ANNUAL	SRCGP1	5	
594830.33	4129991.7	0.44952	45.97	45.97	1.5	ANNUAL	SRCGP1	5	
594850.33	4129991.7	0.49915	45.88	45.88	1.5	ANNUAL	SRCGP1	5	
594870.33	4129991.7	0.55462	45.78	45.78	1.5	ANNUAL	SRCGP1	5	
594890.33	4129991.7	0.61622	45.68	45.68	1.5	ANNUAL	SRCGP1	5	
594910.33	4129991.7	0.70884	45.53	45.53	1.5	ANNUAL	SRCGP1	5	
594930.33	4129991.7	0.78079	45.47	45.47	1.5	ANNUAL	SRCGP1	5	
594950.33	4129991.7	0.85519	45.34	45.34	1.5	ANNUAL	SRCGP1	5	
594970.33	4129991.7	0.92952	45.21	45.21	1.5	ANNUAL	SRCGP1	5	
595010.33	4129991.7	1.06882	45.01	45.01	1.5	ANNUAL	SRCGP1	5	
595030.33	4129991.7	1.12954	45	45	1.5	ANNUAL	SRCGP1	5	
595050.33	4129991.7	1.18342	44.95	44.95	1.5	ANNUAL	SRCGP1	5	
595090.33	4129991.7	1.26768	44.79	44.79	1.5	ANNUAL	SRCGP1	5	
595110.33	4129991.7	1.29677	44.8	44.8	1.5	ANNUAL	SRCGP1	5	
595130.33	4129991.7	1.31874	44.73	44.73	1.5	ANNUAL	SRCGP1	5	
595150.33	4129991.7	1.33237	44.77	44.77	1.5	ANNUAL	SRCGP1	5	
595170.33	4129991.7	1.34193	44.48	44.48	1.5	ANNUAL	SRCGP1	5	
595190.33	4129991.7	1.34171	44.6	44.6	1.5	ANNUAL	SRCGP1	5	
595210.33	4129991.7	1.3369	44.58	44.58	1.5	ANNUAL	SRCGP1	5	
595230.33	4129991.7	1.32901	44.27	44.27	1.5	ANNUAL	SRCGP1	5	
595250.33	4129991.7	1.31337	44.36	44.36	1.5	ANNUAL	SRCGP1	5	
595270.33	4129991.7	1.29459	44.3	44.3	1.5	ANNUAL	SRCGP1	5	
595290.33	4129991.7	1.27374	43.97	43.97	1.5	ANNUAL	SRCGP1	5	
595310.33	4129991.7	1.24764	43.94	43.94	1.5	ANNUAL	SRCGP1	5	
595330.33	4129991.7	1.22028	43.63	43.63	1.5	ANNUAL	SRCGP1	5	
595350.33	4129991.7	1.18744	43.91	43.91	1.5	ANNUAL	SRCGP1	5	
595370.33	4129991.7	1.1545	43.86	43.86	1.5	ANNUAL	SRCGP1	5	
595390.33	4129991.7	1.12036	43.75	43.75	1.5	ANNUAL	SRCGP1	5	
595430.33	4129991.7	1.04963	43.39	43.39	1.5	ANNUAL	SRCGP1	5	
595450.33	4129991.7	1.01239	43.51	43.51	1.5	ANNUAL	SRCGP1	5	
594510.33	4130011.7	0.07542	46.78	46.78	1.5	ANNUAL	SRCGP1	5	
594550.33	4130011.7	0.09183	46.82	46.82	1.5	ANNUAL	SRCGP1	5	
594790.33	4130011.7	0.40785	45.75	45.75	1.5	ANNUAL	SRCGP1	5	
594810.33	4130011.7	0.45416	45.92	45.92	1.5	ANNUAL	SRCGP1	5	
594830.33	4130011.7	0.50755	45.75	45.75	1.5	ANNUAL	SRCGP1	5	
594850.33	4130011.7	0.56676	45.64	45.64	1.5	ANNUAL	SRCGP1	5	
594870.33	4130011.7	0.65732	45.52	45.52	1.5	ANNUAL	SRCGP1	5	
594890.33	4130011.7	0.73178	45.5	45.5	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.33	4130011.7	0.81196	45.39	45.39	1.5	ANNUAL	SRCGP1	5	
594930.33	4130011.7	0.89501	45.34	45.34	1.5	ANNUAL	SRCGP1	5	
594950.33	4130011.7	0.98003	45.17	45.17	1.5	ANNUAL	SRCGP1	5	
594970.33	4130011.7	1.06304	45.04	45.04	1.5	ANNUAL	SRCGP1	5	
595010.33	4130011.7	1.21308	44.88	44.88	1.5	ANNUAL	SRCGP1	5	
595030.33	4130011.7	1.27549	44.92	44.92	1.5	ANNUAL	SRCGP1	5	
595050.33	4130011.7	1.33038	44.79	44.79	1.5	ANNUAL	SRCGP1	5	
595090.33	4130011.7	1.40849	44.78	44.78	1.5	ANNUAL	SRCGP1	5	
595110.33	4130011.7	1.43446	44.66	44.66	1.5	ANNUAL	SRCGP1	5	
595150.33	4130011.7	1.46089	44.36	44.36	1.5	ANNUAL	SRCGP1	5	
595170.33	4130011.7	1.46089	44.37	44.37	1.5	ANNUAL	SRCGP1	5	
595230.33	4130011.7	1.42373	44.26	44.26	1.5	ANNUAL	SRCGP1	5	
595250.33	4130011.7	1.39935	44.4	44.4	1.5	ANNUAL	SRCGP1	5	
595270.33	4130011.7	1.37333	44.19	44.19	1.5	ANNUAL	SRCGP1	5	
595290.33	4130011.7	1.34464	43.8	43.8	1.5	ANNUAL	SRCGP1	5	
595310.33	4130011.7	1.31075	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595330.33	4130011.7	1.27483	43.53	43.53	1.5	ANNUAL	SRCGP1	5	
595350.33	4130011.7	1.2344	43.83	43.83	1.5	ANNUAL	SRCGP1	5	
595370.33	4130011.7	1.19454	43.76	43.76	1.5	ANNUAL	SRCGP1	5	
595390.33	4130011.7	1.15372	43.68	43.68	1.5	ANNUAL	SRCGP1	5	
595430.33	4130011.7	1.07155	43.29	43.29	1.5	ANNUAL	SRCGP1	5	
595450.33	4130011.7	1.02927	43.42	43.42	1.5	ANNUAL	SRCGP1	5	
594490.33	4130031.7	0.07249	46.29	46.29	1.5	ANNUAL	SRCGP1	5	
594510.33	4130031.7	0.07949	46.59	46.59	1.5	ANNUAL	SRCGP1	5	
594530.33	4130031.7	0.08784	46.58	46.58	1.5	ANNUAL	SRCGP1	5	
594570.33	4130031.7	0.10851	46.62	46.62	1.5	ANNUAL	SRCGP1	5	
594790.33	4130031.7	0.47332	45.51	45.51	1.5	ANNUAL	SRCGP1	5	
594810.33	4130031.7	0.53262	45.54	45.54	1.5	ANNUAL	SRCGP1	5	
594830.33	4130031.7	0.59935	45.44	45.44	1.5	ANNUAL	SRCGP1	5	
594850.33	4130031.7	0.67321	45.41	45.41	1.5	ANNUAL	SRCGP1	5	
594870.33	4130031.7	0.75536	45.28	45.28	1.5	ANNUAL	SRCGP1	5	
594890.33	4130031.7	0.84353	45.26	45.26	1.5	ANNUAL	SRCGP1	5	
594910.33	4130031.7	0.93776	45.12	45.12	1.5	ANNUAL	SRCGP1	5	
594930.33	4130031.7	1.03362	45.07	45.07	1.5	ANNUAL	SRCGP1	5	
594950.33	4130031.7	1.13016	44.88	44.88	1.5	ANNUAL	SRCGP1	5	
594970.33	4130031.7	1.22137	44.82	44.82	1.5	ANNUAL	SRCGP1	5	
595010.33	4130031.7	1.38108	44.66	44.66	1.5	ANNUAL	SRCGP1	5	
595030.33	4130031.7	1.44496	44.63	44.63	1.5	ANNUAL	SRCGP1	5	
595050.33	4130031.7	1.49706	44.62	44.62	1.5	ANNUAL	SRCGP1	5	
595090.33	4130031.7	1.56831	44.44	44.44	1.5	ANNUAL	SRCGP1	5	
595150.33	4130031.7	1.5968	44.17	44.17	1.5	ANNUAL	SRCGP1	5	
595170.33	4130031.7	1.58759	44.19	44.19	1.5	ANNUAL	SRCGP1	5	
595230.33	4130031.7	1.52078	44.09	44.09	1.5	ANNUAL	SRCGP1	5	
595250.33	4130031.7	1.48598	44.27	44.27	1.5	ANNUAL	SRCGP1	5	
595270.33	4130031.7	1.44982	44.11	44.11	1.5	ANNUAL	SRCGP1	5	
595290.33	4130031.7	1.41144	43.76	43.76	1.5	ANNUAL	SRCGP1	5	
595310.33	4130031.7	1.36927	43.54	43.54	1.5	ANNUAL	SRCGP1	5	
595330.33	4130031.7	1.32486	43.33	43.33	1.5	ANNUAL	SRCGP1	5	
595350.33	4130031.7	1.27591	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595370.33	4130031.7	1.22843	43.68	43.68	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595390.33	4130031.7	1.18119	43.52	43.52	1.5	ANNUAL	SRCGP1	5	
595430.33	4130031.7	1.08714	43.19	43.19	1.5	ANNUAL	SRCGP1	5	
595450.33	4130031.7	1.04009	43.29	43.29	1.5	ANNUAL	SRCGP1	5	
594490.33	4130051.7	0.07636	46.24	46.24	1.5	ANNUAL	SRCGP1	5	
594510.33	4130051.7	0.08379	46.62	46.62	1.5	ANNUAL	SRCGP1	5	
594530.33	4130051.7	0.09268	46.76	46.76	1.5	ANNUAL	SRCGP1	5	
594550.33	4130051.7	0.1032	46.7	46.7	1.5	ANNUAL	SRCGP1	5	
594570.33	4130051.7	0.11549	46.63	46.63	1.5	ANNUAL	SRCGP1	5	
594590.33	4130051.7	0.13002	46.57	46.57	1.5	ANNUAL	SRCGP1	5	
594790.33	4130051.7	0.51738	45.73	45.73	1.5	ANNUAL	SRCGP1	5	
594810.33	4130051.7	0.60671	45.52	45.52	1.5	ANNUAL	SRCGP1	5	
594830.33	4130051.7	0.68624	45.48	45.48	1.5	ANNUAL	SRCGP1	5	
594850.33	4130051.7	0.77533	45.38	45.38	1.5	ANNUAL	SRCGP1	5	
594870.33	4130051.7	0.87357	45.25	45.25	1.5	ANNUAL	SRCGP1	5	
594890.33	4130051.7	0.97787	45.25	45.25	1.5	ANNUAL	SRCGP1	5	
594910.33	4130051.7	1.08751	45.16	45.16	1.5	ANNUAL	SRCGP1	5	
594930.33	4130051.7	1.19902	44.98	44.98	1.5	ANNUAL	SRCGP1	5	
594950.33	4130051.7	1.30648	44.87	44.87	1.5	ANNUAL	SRCGP1	5	
594970.33	4130051.7	1.40666	44.77	44.77	1.5	ANNUAL	SRCGP1	5	
595010.33	4130051.7	1.57344	44.59	44.59	1.5	ANNUAL	SRCGP1	5	
595030.33	4130051.7	1.63726	44.46	44.46	1.5	ANNUAL	SRCGP1	5	
595050.33	4130051.7	1.68622	44.38	44.38	1.5	ANNUAL	SRCGP1	5	
595090.33	4130051.7	1.74347	44.21	44.21	1.5	ANNUAL	SRCGP1	5	
595150.33	4130051.7	1.7401	44.05	44.05	1.5	ANNUAL	SRCGP1	5	
595170.33	4130051.7	1.71965	44.02	44.02	1.5	ANNUAL	SRCGP1	5	
595210.33	4130051.7	1.65384	44.28	44.28	1.5	ANNUAL	SRCGP1	5	
595230.33	4130051.7	1.61628	43.96	43.96	1.5	ANNUAL	SRCGP1	5	
595250.33	4130051.7	1.56881	44.25	44.25	1.5	ANNUAL	SRCGP1	5	
595270.33	4130051.7	1.52066	44.2	44.2	1.5	ANNUAL	SRCGP1	5	
595430.33	4130051.7	1.09563	43.08	43.08	1.5	ANNUAL	SRCGP1	5	
595450.33	4130051.7	1.04375	43.26	43.26	1.5	ANNUAL	SRCGP1	5	
594490.33	4130071.7	0.08074	46.16	46.16	1.5	ANNUAL	SRCGP1	5	
594510.33	4130071.7	0.08863	46.59	46.59	1.5	ANNUAL	SRCGP1	5	
594550.33	4130071.7	0.1097	46.73	46.73	1.5	ANNUAL	SRCGP1	5	
594570.33	4130071.7	0.12382	46.28	46.28	1.5	ANNUAL	SRCGP1	5	
594790.33	4130071.7	0.59065	45.62	45.62	1.5	ANNUAL	SRCGP1	5	
594810.33	4130071.7	0.67063	45.65	45.65	1.5	ANNUAL	SRCGP1	5	
594830.33	4130071.7	0.79217	45.61	45.61	1.5	ANNUAL	SRCGP1	5	
594850.33	4130071.7	0.89941	45.54	45.54	1.5	ANNUAL	SRCGP1	5	
594870.33	4130071.7	1.01935	45.22	45.22	1.5	ANNUAL	SRCGP1	5	
594890.33	4130071.7	1.14477	45.09	45.09	1.5	ANNUAL	SRCGP1	5	
594910.33	4130071.7	1.27167	45.09	45.09	1.5	ANNUAL	SRCGP1	5	
594930.33	4130071.7	1.39755	45.01	45.01	1.5	ANNUAL	SRCGP1	5	
594950.33	4130071.7	1.51546	44.99	44.99	1.5	ANNUAL	SRCGP1	5	
594970.33	4130071.7	1.62682	44.64	44.64	1.5	ANNUAL	SRCGP1	5	
595010.33	4130071.7	1.79656	44.42	44.42	1.5	ANNUAL	SRCGP1	5	
595030.33	4130071.7	1.85522	44.35	44.35	1.5	ANNUAL	SRCGP1	5	
595050.33	4130071.7	1.89772	44.22	44.22	1.5	ANNUAL	SRCGP1	5	
595090.33	4130071.7	1.93248	44.17	44.17	1.5	ANNUAL	SRCGP1	5	
595110.33	4130071.7	1.93018	44.05	44.05	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.33	4130071.7	1.88863	43.99	43.99	1.5	ANNUAL	SRCGP1	5	
595210.33	4130071.7	1.76116	43.93	43.93	1.5	ANNUAL	SRCGP1	5	
595230.33	4130071.7	1.70823	43.75	43.75	1.5	ANNUAL	SRCGP1	5	
595250.33	4130071.7	1.648	43.96	43.96	1.5	ANNUAL	SRCGP1	5	
595270.33	4130071.7	1.5875	43.88	43.88	1.5	ANNUAL	SRCGP1	5	
595430.33	4130071.7	1.09616	43.02	43.02	1.5	ANNUAL	SRCGP1	5	
595450.33	4130071.7	1.04063	43.1	43.1	1.5	ANNUAL	SRCGP1	5	
594510.33	4130091.7	0.09434	46.34	46.34	1.5	ANNUAL	SRCGP1	5	
594550.33	4130091.7	0.11733	46.5	46.5	1.5	ANNUAL	SRCGP1	5	
594570.33	4130091.7	0.13267	46.22	46.22	1.5	ANNUAL	SRCGP1	5	
595010.33	4130091.7	2.05307	44.23	44.23	1.5	ANNUAL	SRCGP1	5	
595030.33	4130091.7	2.10208	44.22	44.22	1.5	ANNUAL	SRCGP1	5	
595050.33	4130091.7	2.13379	44.04	44.04	1.5	ANNUAL	SRCGP1	5	
595090.33	4130091.7	2.13771	44.03	44.03	1.5	ANNUAL	SRCGP1	5	
595110.33	4130091.7	2.11768	43.96	43.96	1.5	ANNUAL	SRCGP1	5	
595150.33	4130091.7	2.04128	43.8	43.8	1.5	ANNUAL	SRCGP1	5	
595170.33	4130091.7	1.98812	43.76	43.76	1.5	ANNUAL	SRCGP1	5	
595190.33	4130091.7	1.92576	43.9	43.9	1.5	ANNUAL	SRCGP1	5	
595210.33	4130091.7	1.85967	43.88	43.88	1.5	ANNUAL	SRCGP1	5	
595230.33	4130091.7	1.78953	43.86	43.86	1.5	ANNUAL	SRCGP1	5	
595250.33	4130091.7	1.71724	43.77	43.77	1.5	ANNUAL	SRCGP1	5	
595430.33	4130091.7	1.08856	42.96	42.96	1.5	ANNUAL	SRCGP1	5	
595450.33	4130091.7	1.02971	43.04	43.04	1.5	ANNUAL	SRCGP1	5	
594510.33	4130111.7	0.10072	46.21	46.21	1.5	ANNUAL	SRCGP1	5	
594530.33	4130111.7	0.11198	46.37	46.37	1.5	ANNUAL	SRCGP1	5	
594550.33	4130111.7	0.12587	46.31	46.31	1.5	ANNUAL	SRCGP1	5	
594570.33	4130111.7	0.14282	46.07	46.07	1.5	ANNUAL	SRCGP1	5	
595010.33	4130111.7	2.3438	44.14	44.14	1.5	ANNUAL	SRCGP1	5	
595030.33	4130111.7	2.37983	44.04	44.04	1.5	ANNUAL	SRCGP1	5	
595050.33	4130111.7	2.39195	43.97	43.97	1.5	ANNUAL	SRCGP1	5	
595090.33	4130111.7	2.3544	43.94	43.94	1.5	ANNUAL	SRCGP1	5	
595110.33	4130111.7	2.31316	43.79	43.79	1.5	ANNUAL	SRCGP1	5	
595130.33	4130111.7	2.25983	43.56	43.56	1.5	ANNUAL	SRCGP1	5	
595150.33	4130111.7	2.19295	43.53	43.53	1.5	ANNUAL	SRCGP1	5	
595170.33	4130111.7	2.11685	43.59	43.59	1.5	ANNUAL	SRCGP1	5	
595190.33	4130111.7	2.03214	43.9	43.9	1.5	ANNUAL	SRCGP1	5	
595210.33	4130111.7	1.94728	43.88	43.88	1.5	ANNUAL	SRCGP1	5	
595230.33	4130111.7	1.86133	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595250.33	4130111.7	1.77268	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595430.33	4130111.7	1.07281	42.89	42.89	1.5	ANNUAL	SRCGP1	5	
595450.33	4130111.7	1.01169	42.89	42.89	1.5	ANNUAL	SRCGP1	5	
594510.33	4130131.7	0.10843	45.89	45.89	1.5	ANNUAL	SRCGP1	5	
594530.33	4130131.7	0.12078	45.93	45.93	1.5	ANNUAL	SRCGP1	5	
594550.33	4130131.7	0.13581	46	46	1.5	ANNUAL	SRCGP1	5	
594570.33	4130131.7	0.15445	45.87	45.87	1.5	ANNUAL	SRCGP1	5	
595010.33	4130131.7	2.6728	44.01	44.01	1.5	ANNUAL	SRCGP1	5	
595030.33	4130131.7	2.68344	44.04	44.04	1.5	ANNUAL	SRCGP1	5	
595050.33	4130131.7	2.67163	43.89	43.89	1.5	ANNUAL	SRCGP1	5	
595090.33	4130131.7	2.57846	43.83	43.83	1.5	ANNUAL	SRCGP1	5	
595110.33	4130131.7	2.50995	43.61	43.61	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595130.33	4130131.7	2.42859	43.39	43.39	1.5	ANNUAL	SRCGP1	5	
595150.33	4130131.7	2.33445	43.41	43.41	1.5	ANNUAL	SRCGP1	5	
595170.33	4130131.7	2.23172	43.62	43.62	1.5	ANNUAL	SRCGP1	5	
595190.33	4130131.7	2.12653	43.74	43.74	1.5	ANNUAL	SRCGP1	5	
595210.33	4130131.7	2.02079	43.76	43.76	1.5	ANNUAL	SRCGP1	5	
595230.33	4130131.7	1.91512	43.77	43.77	1.5	ANNUAL	SRCGP1	5	
595250.33	4130131.7	1.81115	43.74	43.74	1.5	ANNUAL	SRCGP1	5	
595430.33	4130131.7	1.04952	42.69	42.69	1.5	ANNUAL	SRCGP1	5	
595450.33	4130131.7	0.98645	42.8	42.8	1.5	ANNUAL	SRCGP1	5	
595010.33	4130151.7	3.03948	43.85	43.85	1.5	ANNUAL	SRCGP1	5	
595030.33	4130151.7	3.01915	43.77	43.77	1.5	ANNUAL	SRCGP1	5	
595050.33	4130151.7	2.96913	43.73	43.73	1.5	ANNUAL	SRCGP1	5	
595090.33	4130151.7	2.80204	43.71	43.71	1.5	ANNUAL	SRCGP1	5	
595110.33	4130151.7	2.69678	43.6	43.6	1.5	ANNUAL	SRCGP1	5	
595130.33	4130151.7	2.58368	43.32	43.32	1.5	ANNUAL	SRCGP1	5	
595150.33	4130151.7	2.46064	43.24	43.24	1.5	ANNUAL	SRCGP1	5	
595170.33	4130151.7	2.33004	43.5	43.5	1.5	ANNUAL	SRCGP1	5	
595190.33	4130151.7	2.20283	43.44	43.44	1.5	ANNUAL	SRCGP1	5	
595210.33	4130151.7	2.07712	43.35	43.35	1.5	ANNUAL	SRCGP1	5	
595230.33	4130151.7	1.95151	43.56	43.56	1.5	ANNUAL	SRCGP1	5	
595250.33	4130151.7	1.83208	43.57	43.57	1.5	ANNUAL	SRCGP1	5	
595430.33	4130151.7	1.01839	42.6	42.6	1.5	ANNUAL	SRCGP1	5	
595450.33	4130151.7	0.95492	42.66	42.66	1.5	ANNUAL	SRCGP1	5	
594490.33	4130351.7	0.46441	45.24	45.24	1.5	ANNUAL	SRCGP1	5	
594510.33	4130351.7	0.52121	44.82	44.82	1.5	ANNUAL	SRCGP1	5	
594530.33	4130351.7	0.5889	44.4	44.4	1.5	ANNUAL	SRCGP1	5	
594550.33	4130351.7	0.669	44.19	44.19	1.5	ANNUAL	SRCGP1	5	
594570.33	4130351.7	0.77163	43.75	43.75	1.5	ANNUAL	SRCGP1	5	
594490.33	4130371.7	0.56326	44.82	44.82	1.5	ANNUAL	SRCGP1	5	
594510.33	4130371.7	0.64411	44.21	44.21	1.5	ANNUAL	SRCGP1	5	
594530.33	4130371.7	0.74179	43.77	43.77	1.5	ANNUAL	SRCGP1	5	
594550.33	4130371.7	0.85951	43.63	43.63	1.5	ANNUAL	SRCGP1	5	
594570.33	4130371.7	1.00881	43.47	43.47	1.5	ANNUAL	SRCGP1	5	
594470.33	4130391.7	0.6073	43.76	43.76	1.5	ANNUAL	SRCGP1	5	
594490.33	4130391.7	0.69279	43.97	43.97	1.5	ANNUAL	SRCGP1	5	
594550.33	4130391.7	1.12019	43.23	43.23	1.5	ANNUAL	SRCGP1	5	
594570.33	4130391.7	1.34846	43.27	43.27	1.5	ANNUAL	SRCGP1	5	
594470.33	4130411.7	0.73979	43.34	43.34	1.5	ANNUAL	SRCGP1	5	
594490.33	4130411.7	0.85872	43.48	43.48	1.5	ANNUAL	SRCGP1	5	
594530.33	4130411.7	1.22008	42.96	42.96	1.5	ANNUAL	SRCGP1	5	
594550.33	4130411.7	1.48507	43.07	43.07	1.5	ANNUAL	SRCGP1	5	
594570.33	4130411.7	1.84996	43.15	43.15	1.5	ANNUAL	SRCGP1	5	
594470.33	4130431.7	0.90784	43.29	43.29	1.5	ANNUAL	SRCGP1	5	
594490.33	4130431.7	1.07452	43.36	43.36	1.5	ANNUAL	SRCGP1	5	
594530.33	4130431.7	1.59923	43.06	43.06	1.5	ANNUAL	SRCGP1	5	
594550.33	4130431.7	2.01984	42.99	42.99	1.5	ANNUAL	SRCGP1	5	
595474.53	4130151	0.88672	42.33	42.33	1.5	ANNUAL	SRCGP1	5	
595514.53	4130151	0.78411	42.17	42.17	1.5	ANNUAL	SRCGP1	5	
595534.53	4130151	0.73852	42.05	42.05	1.5	ANNUAL	SRCGP1	5	
595554.53	4130151	0.69611	42.01	42.01	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130151	0.62044	41.92	41.92	1.5	ANNUAL	SRCGP1	5	
595614.53	4130151	0.58649	41.99	41.99	1.5	ANNUAL	SRCGP1	5	
595634.53	4130151	0.55505	42.03	42.03	1.5	ANNUAL	SRCGP1	5	
595674.53	4130151	0.4992	41.79	41.79	1.5	ANNUAL	SRCGP1	5	
595694.53	4130151	0.47392	41.86	41.86	1.5	ANNUAL	SRCGP1	5	
595714.53	4130151	0.45057	41.8	41.8	1.5	ANNUAL	SRCGP1	5	
595734.53	4130151	0.42888	41.67	41.67	1.5	ANNUAL	SRCGP1	5	
595774.53	4130151	0.38972	41.48	41.48	1.5	ANNUAL	SRCGP1	5	
595794.53	4130151	0.37205	41.39	41.39	1.5	ANNUAL	SRCGP1	5	
595434.53	4130171	0.96923	42.27	42.27	1.5	ANNUAL	SRCGP1	5	
595454.53	4130171	0.90784	42.13	42.13	1.5	ANNUAL	SRCGP1	5	
595474.53	4130171	0.85111	42.04	42.04	1.5	ANNUAL	SRCGP1	5	
595514.53	4130171	0.75098	41.74	41.74	1.5	ANNUAL	SRCGP1	5	
595534.53	4130171	0.70646	41.7	41.7	1.5	ANNUAL	SRCGP1	5	
595554.53	4130171	0.66537	41.64	41.64	1.5	ANNUAL	SRCGP1	5	
595594.53	4130171	0.59216	41.67	41.67	1.5	ANNUAL	SRCGP1	5	
595614.53	4130171	0.5598	41.62	41.62	1.5	ANNUAL	SRCGP1	5	
595634.53	4130171	0.52975	41.6	41.6	1.5	ANNUAL	SRCGP1	5	
595674.53	4130171	0.4763	41.44	41.44	1.5	ANNUAL	SRCGP1	5	
595694.53	4130171	0.45233	41.43	41.43	1.5	ANNUAL	SRCGP1	5	
595714.53	4130171	0.43002	41.43	41.43	1.5	ANNUAL	SRCGP1	5	
595734.53	4130171	0.40949	41.25	41.25	1.5	ANNUAL	SRCGP1	5	
595774.53	4130171	0.37213	41.25	41.25	1.5	ANNUAL	SRCGP1	5	
595794.53	4130171	0.35537	41.19	41.19	1.5	ANNUAL	SRCGP1	5	
595434.53	4130211	0.87832	42.45	42.45	1.5	ANNUAL	SRCGP1	5	
595474.53	4130211	0.76837	42.11	42.11	1.5	ANNUAL	SRCGP1	5	
595494.53	4130211	0.71962	42.24	42.24	1.5	ANNUAL	SRCGP1	5	
595514.53	4130211	0.67574	42.06	42.06	1.5	ANNUAL	SRCGP1	5	
595534.53	4130211	0.63539	41.95	41.95	1.5	ANNUAL	SRCGP1	5	
595574.53	4130211	0.56469	41.51	41.51	1.5	ANNUAL	SRCGP1	5	
595594.53	4130211	0.53259	41.82	41.82	1.5	ANNUAL	SRCGP1	5	
595614.53	4130211	0.5038	41.66	41.66	1.5	ANNUAL	SRCGP1	5	
595634.53	4130211	0.47698	41.66	41.66	1.5	ANNUAL	SRCGP1	5	
595654.53	4130211	0.45218	41.67	41.67	1.5	ANNUAL	SRCGP1	5	
595674.53	4130211	0.4292	41.71	41.71	1.5	ANNUAL	SRCGP1	5	
595694.53	4130211	0.40813	41.56	41.56	1.5	ANNUAL	SRCGP1	5	
595714.53	4130211	0.38846	41.52	41.52	1.5	ANNUAL	SRCGP1	5	
595734.53	4130211	0.37019	41.47	41.47	1.5	ANNUAL	SRCGP1	5	
595774.53	4130211	0.33755	41.13	41.13	1.5	ANNUAL	SRCGP1	5	
595794.53	4130211	0.3227	40.99	40.99	1.5	ANNUAL	SRCGP1	5	
595434.53	4130231	0.82844	42.42	42.42	1.5	ANNUAL	SRCGP1	5	
595474.53	4130231	0.72467	41.98	41.98	1.5	ANNUAL	SRCGP1	5	
595494.53	4130231	0.6787	42.09	42.09	1.5	ANNUAL	SRCGP1	5	
595514.53	4130231	0.63736	41.94	41.94	1.5	ANNUAL	SRCGP1	5	
595534.53	4130231	0.59938	41.87	41.87	1.5	ANNUAL	SRCGP1	5	
595574.53	4130231	0.5332	41.43	41.43	1.5	ANNUAL	SRCGP1	5	
595594.53	4130231	0.5032	41.69	41.69	1.5	ANNUAL	SRCGP1	5	
595614.53	4130231	0.47619	41.59	41.59	1.5	ANNUAL	SRCGP1	5	
595634.53	4130231	0.45106	41.63	41.63	1.5	ANNUAL	SRCGP1	5	
595654.53	4130231	0.42802	41.58	41.58	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595674.53	4130231	0.40664	41.55	41.55	1.5	ANNUAL	SRCGP1	5	
595694.53	4130231	0.38687	41.5	41.5	1.5	ANNUAL	SRCGP1	5	
595714.53	4130231	0.36866	41.33	41.33	1.5	ANNUAL	SRCGP1	5	
595734.53	4130231	0.35169	41.19	41.19	1.5	ANNUAL	SRCGP1	5	
595774.53	4130231	0.32094	41.05	41.05	1.5	ANNUAL	SRCGP1	5	
595794.53	4130231	0.30706	40.93	40.93	1.5	ANNUAL	SRCGP1	5	
595434.53	4130251	0.7773	42.32	42.32	1.5	ANNUAL	SRCGP1	5	
595474.53	4130251	0.68068	41.76	41.76	1.5	ANNUAL	SRCGP1	5	
595494.53	4130251	0.63776	41.87	41.87	1.5	ANNUAL	SRCGP1	5	
595514.53	4130251	0.59891	41.88	41.88	1.5	ANNUAL	SRCGP1	5	
595534.53	4130251	0.5639	41.66	41.66	1.5	ANNUAL	SRCGP1	5	
595574.53	4130251	0.50211	41.38	41.38	1.5	ANNUAL	SRCGP1	5	
595594.53	4130251	0.47425	41.62	41.62	1.5	ANNUAL	SRCGP1	5	
595614.53	4130251	0.44901	41.63	41.63	1.5	ANNUAL	SRCGP1	5	
595634.53	4130251	0.42595	41.53	41.53	1.5	ANNUAL	SRCGP1	5	
595654.53	4130251	0.40452	41.51	41.51	1.5	ANNUAL	SRCGP1	5	
595674.53	4130251	0.38473	41.44	41.44	1.5	ANNUAL	SRCGP1	5	
595694.53	4130251	0.36639	41.36	41.36	1.5	ANNUAL	SRCGP1	5	
595714.53	4130251	0.3493	41.33	41.33	1.5	ANNUAL	SRCGP1	5	
595734.53	4130251	0.33353	41.2	41.2	1.5	ANNUAL	SRCGP1	5	
595774.53	4130251	0.30496	41.06	41.06	1.5	ANNUAL	SRCGP1	5	
595794.53	4130251	0.29205	40.81	40.81	1.5	ANNUAL	SRCGP1	5	
595474.53	4130271	0.63679	41.63	41.63	1.5	ANNUAL	SRCGP1	5	
595494.53	4130271	0.59732	41.68	41.68	1.5	ANNUAL	SRCGP1	5	
595514.53	4130271	0.56155	41.64	41.64	1.5	ANNUAL	SRCGP1	5	
595534.53	4130271	0.52883	41.62	41.62	1.5	ANNUAL	SRCGP1	5	
595574.53	4130271	0.47202	41.26	41.26	1.5	ANNUAL	SRCGP1	5	
595594.53	4130271	0.44625	41.54	41.54	1.5	ANNUAL	SRCGP1	5	
595614.53	4130271	0.42329	41.36	41.36	1.5	ANNUAL	SRCGP1	5	
595774.53	4130271	0.28966	40.98	40.98	1.5	ANNUAL	SRCGP1	5	
595794.53	4130271	0.27767	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
595474.53	4130291	0.59433	41.37	41.37	1.5	ANNUAL	SRCGP1	5	
595494.53	4130291	0.55803	41.47	41.47	1.5	ANNUAL	SRCGP1	5	
595514.53	4130291	0.52554	41.31	41.31	1.5	ANNUAL	SRCGP1	5	
595534.53	4130291	0.49586	41.15	41.15	1.5	ANNUAL	SRCGP1	5	
595574.53	4130291	0.44304	41.18	41.18	1.5	ANNUAL	SRCGP1	5	
595594.53	4130291	0.41939	41.46	41.46	1.5	ANNUAL	SRCGP1	5	
595614.53	4130291	0.39833	41.26	41.26	1.5	ANNUAL	SRCGP1	5	
595654.53	4130291	0.3602	41.34	41.34	1.5	ANNUAL	SRCGP1	5	
595674.53	4130291	0.34337	41.27	41.27	1.5	ANNUAL	SRCGP1	5	
595694.53	4130291	0.32763	41.31	41.31	1.5	ANNUAL	SRCGP1	5	
595714.53	4130291	0.31318	41.17	41.17	1.5	ANNUAL	SRCGP1	5	
595734.53	4130291	0.29962	41.1	41.1	1.5	ANNUAL	SRCGP1	5	
595774.53	4130291	0.27504	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
595794.53	4130291	0.26393	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
595474.53	4130311	0.553	41.31	41.31	1.5	ANNUAL	SRCGP1	5	
595494.53	4130311	0.52014	41.36	41.36	1.5	ANNUAL	SRCGP1	5	
595514.53	4130311	0.49044	41.29	41.29	1.5	ANNUAL	SRCGP1	5	
595534.53	4130311	0.46318	41.26	41.26	1.5	ANNUAL	SRCGP1	5	
595574.53	4130311	0.41539	40.98	40.98	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.53	4130311	0.39393	41.26	41.26	1.5	ANNUAL	SRCGP1	5	
595614.53	4130311	0.3745	41.17	41.17	1.5	ANNUAL	SRCGP1	5	
595654.53	4130311	0.33972	41.15	41.15	1.5	ANNUAL	SRCGP1	5	
595674.53	4130311	0.32421	41.14	41.14	1.5	ANNUAL	SRCGP1	5	
595694.53	4130311	0.30969	41.23	41.23	1.5	ANNUAL	SRCGP1	5	
595714.53	4130311	0.29635	41.11	41.11	1.5	ANNUAL	SRCGP1	5	
595734.53	4130311	0.28381	40.94	40.94	1.5	ANNUAL	SRCGP1	5	
595774.53	4130311	0.26112	40.74	40.74	1.5	ANNUAL	SRCGP1	5	
595794.53	4130311	0.25084	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
595474.53	4130331	0.51403	41.06	41.06	1.5	ANNUAL	SRCGP1	5	
595494.53	4130331	0.48439	41.13	41.13	1.5	ANNUAL	SRCGP1	5	
595514.53	4130331	0.45741	41.05	41.05	1.5	ANNUAL	SRCGP1	5	
595534.53	4130331	0.43268	40.96	40.96	1.5	ANNUAL	SRCGP1	5	
595574.53	4130331	0.38906	40.96	40.96	1.5	ANNUAL	SRCGP1	5	
595594.53	4130331	0.36964	41.2	41.2	1.5	ANNUAL	SRCGP1	5	
595614.53	4130331	0.35196	41.07	41.07	1.5	ANNUAL	SRCGP1	5	
595654.53	4130331	0.32018	40.97	40.97	1.5	ANNUAL	SRCGP1	5	
595674.53	4130331	0.30595	40.99	40.99	1.5	ANNUAL	SRCGP1	5	
595694.53	4130331	0.29257	41.23	41.23	1.5	ANNUAL	SRCGP1	5	
595714.53	4130331	0.28033	41.05	41.05	1.5	ANNUAL	SRCGP1	5	
595734.53	4130331	0.2688	40.91	40.91	1.5	ANNUAL	SRCGP1	5	
595774.53	4130331	0.24788	40.66	40.66	1.5	ANNUAL	SRCGP1	5	
595794.53	4130331	0.23839	40.6	40.6	1.5	ANNUAL	SRCGP1	5	
595414.53	4130351	0.57281	41.2	41.2	1.5	ANNUAL	SRCGP1	5	
595434.53	4130351	0.53768	41.19	41.19	1.5	ANNUAL	SRCGP1	5	
595474.53	4130351	0.47692	41.08	41.08	1.5	ANNUAL	SRCGP1	5	
595494.53	4130351	0.45029	41.14	41.14	1.5	ANNUAL	SRCGP1	5	
595514.53	4130351	0.42606	40.98	40.98	1.5	ANNUAL	SRCGP1	5	
595534.53	4130351	0.40374	40.97	40.97	1.5	ANNUAL	SRCGP1	5	
595574.53	4130351	0.36428	40.83	40.83	1.5	ANNUAL	SRCGP1	5	
595594.53	4130351	0.34678	41.1	41.1	1.5	ANNUAL	SRCGP1	5	
595614.53	4130351	0.3306	40.97	40.97	1.5	ANNUAL	SRCGP1	5	
595694.53	4130351	0.27649	41.09	41.09	1.5	ANNUAL	SRCGP1	5	
595714.53	4130351	0.26516	41	41	1.5	ANNUAL	SRCGP1	5	
595734.53	4130351	0.25457	40.77	40.77	1.5	ANNUAL	SRCGP1	5	
595774.53	4130351	0.23531	40.76	40.76	1.5	ANNUAL	SRCGP1	5	
595794.53	4130351	0.22647	40.43	40.43	1.5	ANNUAL	SRCGP1	5	
595414.53	4130371	0.52778	41	41	1.5	ANNUAL	SRCGP1	5	
595434.53	4130371	0.49655	41.02	41.02	1.5	ANNUAL	SRCGP1	5	
595474.53	4130371	0.44217	40.85	40.85	1.5	ANNUAL	SRCGP1	5	
595494.53	4130371	0.41841	40.93	40.93	1.5	ANNUAL	SRCGP1	5	
595514.53	4130371	0.39661	40.82	40.82	1.5	ANNUAL	SRCGP1	5	
595534.53	4130371	0.37656	40.74	40.74	1.5	ANNUAL	SRCGP1	5	
595574.53	4130371	0.34099	40.73	40.73	1.5	ANNUAL	SRCGP1	5	
595594.53	4130371	0.32517	40.93	40.93	1.5	ANNUAL	SRCGP1	5	
595614.53	4130371	0.31049	40.79	40.79	1.5	ANNUAL	SRCGP1	5	
595654.53	4130371	0.2841	40.92	40.92	1.5	ANNUAL	SRCGP1	5	
595674.53	4130371	0.27224	40.87	40.87	1.5	ANNUAL	SRCGP1	5	
595694.53	4130371	0.26116	40.94	40.94	1.5	ANNUAL	SRCGP1	5	
595714.53	4130371	0.25079	40.9	40.9	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595734.53	4130371	0.24108	40.73	40.73	1.5	ANNUAL	SRCGP1	5	
595774.53	4130371	0.22337	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
595794.53	4130371	0.21521	40.41	40.41	1.5	ANNUAL	SRCGP1	5	
595414.53	4130391	0.48572	41.01	41.01	1.5	ANNUAL	SRCGP1	5	
595434.53	4130391	0.45812	40.91	40.91	1.5	ANNUAL	SRCGP1	5	
595474.53	4130391	0.40982	40.81	40.81	1.5	ANNUAL	SRCGP1	5	
595494.53	4130391	0.38861	40.83	40.83	1.5	ANNUAL	SRCGP1	5	
595514.53	4130391	0.36912	40.71	40.71	1.5	ANNUAL	SRCGP1	5	
595534.53	4130391	0.35113	40.6	40.6	1.5	ANNUAL	SRCGP1	5	
595614.53	4130391	0.29153	40.69	40.69	1.5	ANNUAL	SRCGP1	5	
595654.53	4130391	0.26758	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
595674.53	4130391	0.25678	40.89	40.89	1.5	ANNUAL	SRCGP1	5	
595694.53	4130391	0.24668	40.85	40.85	1.5	ANNUAL	SRCGP1	5	
595714.53	4130391	0.2372	40.78	40.78	1.5	ANNUAL	SRCGP1	5	
595734.53	4130391	0.22829	40.69	40.69	1.5	ANNUAL	SRCGP1	5	
595774.53	4130391	0.21202	40.6	40.6	1.5	ANNUAL	SRCGP1	5	
595794.53	4130391	0.20449	40.39	40.39	1.5	ANNUAL	SRCGP1	5	
595414.53	4130411	0.44702	40.72	40.72	1.5	ANNUAL	SRCGP1	5	
595434.53	4130411	0.42269	40.77	40.77	1.5	ANNUAL	SRCGP1	5	
595614.53	4130411	0.27383	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
595654.53	4130411	0.25211	40.69	40.69	1.5	ANNUAL	SRCGP1	5	
595674.53	4130411	0.24227	40.67	40.67	1.5	ANNUAL	SRCGP1	5	
595694.53	4130411	0.23304	40.68	40.68	1.5	ANNUAL	SRCGP1	5	
595714.53	4130411	0.22436	40.71	40.71	1.5	ANNUAL	SRCGP1	5	
595734.53	4130411	0.21619	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
595774.53	4130411	0.20116	40.4	40.4	1.5	ANNUAL	SRCGP1	5	
595794.53	4130411	0.19428	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
595414.53	4130431	0.41152	40.71	40.71	1.5	ANNUAL	SRCGP1	5	
595434.53	4130431	0.39007	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
595454.53	4130431	0.37011	40.4	40.4	1.5	ANNUAL	SRCGP1	5	
595474.53	4130431	0.35218	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
595494.53	4130431	0.33536	40.55	40.55	1.5	ANNUAL	SRCGP1	5	
595514.53	4130431	0.31988	40.57	40.57	1.5	ANNUAL	SRCGP1	5	
595614.53	4130431	0.25719	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
595774.53	4130431	0.1909	40.4	40.4	1.5	ANNUAL	SRCGP1	5	
595794.53	4130431	0.18457	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
595414.53	4130451	0.37913	40.69	40.69	1.5	ANNUAL	SRCGP1	5	
595434.53	4130451	0.36027	40.59	40.59	1.5	ANNUAL	SRCGP1	5	
595454.53	4130451	0.34264	40.36	40.36	1.5	ANNUAL	SRCGP1	5	
595474.53	4130451	0.32679	40.59	40.59	1.5	ANNUAL	SRCGP1	5	
595494.53	4130451	0.31188	40.67	40.67	1.5	ANNUAL	SRCGP1	5	
595514.53	4130451	0.29797	40.56	40.56	1.5	ANNUAL	SRCGP1	5	
595614.53	4130451	0.24156	40.53	40.53	1.5	ANNUAL	SRCGP1	5	
595634.53	4130451	0.23239	40.72	40.72	1.5	ANNUAL	SRCGP1	5	
595654.53	4130451	0.22369	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
595674.53	4130451	0.21557	40.58	40.58	1.5	ANNUAL	SRCGP1	5	
595694.53	4130451	0.20784	40.45	40.45	1.5	ANNUAL	SRCGP1	5	
595714.53	4130451	0.2006	40.42	40.42	1.5	ANNUAL	SRCGP1	5	
595734.53	4130451	0.19381	40.5	40.5	1.5	ANNUAL	SRCGP1	5	
595774.53	4130451	0.18115	40.32	40.32	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.53	4130451	0.17536	40.33	40.33	1.5	ANNUAL	SRCGP1	5	
595414.53	4130471	0.34964	40.7	40.7	1.5	ANNUAL	SRCGP1	5	
595434.53	4130471	0.33303	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
595454.53	4130471	0.31736	40.3	40.3	1.5	ANNUAL	SRCGP1	5	
595474.53	4130471	0.30339	40.59	40.59	1.5	ANNUAL	SRCGP1	5	
595494.53	4130471	0.29017	40.67	40.67	1.5	ANNUAL	SRCGP1	5	
595514.53	4130471	0.27784	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
595614.53	4130471	0.22694	40.44	40.44	1.5	ANNUAL	SRCGP1	5	
595634.53	4130471	0.21868	40.58	40.58	1.5	ANNUAL	SRCGP1	5	
595654.53	4130471	0.21079	40.47	40.47	1.5	ANNUAL	SRCGP1	5	
595674.53	4130471	0.2034	40.5	40.5	1.5	ANNUAL	SRCGP1	5	
595694.53	4130471	0.19634	40.36	40.36	1.5	ANNUAL	SRCGP1	5	
595714.53	4130471	0.18968	40.23	40.23	1.5	ANNUAL	SRCGP1	5	
595734.53	4130471	0.18346	40.29	40.29	1.5	ANNUAL	SRCGP1	5	
595774.53	4130471	0.17193	40.25	40.25	1.5	ANNUAL	SRCGP1	5	
595794.53	4130471	0.1666	40.24	40.24	1.5	ANNUAL	SRCGP1	5	
595414.53	4130491	0.32301	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
595434.53	4130491	0.30833	40.59	40.59	1.5	ANNUAL	SRCGP1	5	
595454.53	4130491	0.29436	40.2	40.2	1.5	ANNUAL	SRCGP1	5	
595474.53	4130491	0.28188	40.42	40.42	1.5	ANNUAL	SRCGP1	5	
595494.53	4130491	0.2701	40.49	40.49	1.5	ANNUAL	SRCGP1	5	
595514.53	4130491	0.25916	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
595614.53	4130491	0.21339	40.26	40.26	1.5	ANNUAL	SRCGP1	5	
595634.53	4130491	0.2059	40.42	40.42	1.5	ANNUAL	SRCGP1	5	
595654.53	4130491	0.19872	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
595674.53	4130491	0.19196	40.31	40.31	1.5	ANNUAL	SRCGP1	5	
595694.53	4130491	0.18559	40.31	40.31	1.5	ANNUAL	SRCGP1	5	
595714.53	4130491	0.17948	40.15	40.15	1.5	ANNUAL	SRCGP1	5	
595734.53	4130491	0.17378	40.2	40.2	1.5	ANNUAL	SRCGP1	5	
594970.73	4130091.5	1.88781	44.35	44.35	1.5	ANNUAL	SRCGP1	5	
595473.2	4129914.5	0.88146	43.66	43.66	1.5	ANNUAL	SRCGP1	5	
595513.2	4129914.5	0.83897	43.35	43.35	1.5	ANNUAL	SRCGP1	5	
595533.2	4129914.5	0.81569	43.57	43.57	1.5	ANNUAL	SRCGP1	5	
595553.2	4129914.5	0.79247	43.62	43.62	1.5	ANNUAL	SRCGP1	5	
595573.2	4129914.5	0.76932	43.52	43.52	1.5	ANNUAL	SRCGP1	5	
595613.2	4129914.5	0.72273	43.31	43.31	1.5	ANNUAL	SRCGP1	5	
595633.2	4129914.5	0.69934	43.31	43.31	1.5	ANNUAL	SRCGP1	5	
595673.2	4129914.5	0.65402	42.87	42.87	1.5	ANNUAL	SRCGP1	5	
595693.2	4129914.5	0.63131	43	43	1.5	ANNUAL	SRCGP1	5	
595713.2	4129914.5	0.60956	42.82	42.82	1.5	ANNUAL	SRCGP1	5	
595733.2	4129914.5	0.58813	42.74	42.74	1.5	ANNUAL	SRCGP1	5	
595773.2	4129914.5	0.54707	42.48	42.48	1.5	ANNUAL	SRCGP1	5	
595793.2	4129914.5	0.5274	42.39	42.39	1.5	ANNUAL	SRCGP1	5	
595473.2	4129934.5	0.91031	43.44	43.44	1.5	ANNUAL	SRCGP1	5	
595513.2	4129934.5	0.86018	43.2	43.2	1.5	ANNUAL	SRCGP1	5	
595533.2	4129934.5	0.83386	43.29	43.29	1.5	ANNUAL	SRCGP1	5	
595553.2	4129934.5	0.80741	43.38	43.38	1.5	ANNUAL	SRCGP1	5	
595573.2	4129934.5	0.78093	43.47	43.47	1.5	ANNUAL	SRCGP1	5	
595613.2	4129934.5	0.72962	43.12	43.12	1.5	ANNUAL	SRCGP1	5	
595633.2	4129934.5	0.70418	43.06	43.06	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4129934.5	0.65494	42.78	42.78	1.5	ANNUAL	SRCGP1	5	
595693.2	4129934.5	0.63074	42.89	42.89	1.5	ANNUAL	SRCGP1	5	
595713.2	4129934.5	0.60752	42.81	42.81	1.5	ANNUAL	SRCGP1	5	
595733.2	4129934.5	0.58502	42.66	42.66	1.5	ANNUAL	SRCGP1	5	
595773.2	4129934.5	0.54202	42.47	42.47	1.5	ANNUAL	SRCGP1	5	
595793.2	4129934.5	0.52165	42.36	42.36	1.5	ANNUAL	SRCGP1	5	
595473.2	4129954.5	0.93609	43.17	43.17	1.5	ANNUAL	SRCGP1	5	
595513.2	4129954.5	0.87807	42.98	42.98	1.5	ANNUAL	SRCGP1	5	
595533.2	4129954.5	0.84826	43.09	43.09	1.5	ANNUAL	SRCGP1	5	
595553.2	4129954.5	0.81885	43.11	43.11	1.5	ANNUAL	SRCGP1	5	
595573.2	4129954.5	0.78968	43.13	43.13	1.5	ANNUAL	SRCGP1	5	
595613.2	4129954.5	0.73289	43.09	43.09	1.5	ANNUAL	SRCGP1	5	
595633.2	4129954.5	0.70545	43.03	43.03	1.5	ANNUAL	SRCGP1	5	
595673.2	4129954.5	0.65298	42.7	42.7	1.5	ANNUAL	SRCGP1	5	
595693.2	4129954.5	0.62745	42.8	42.8	1.5	ANNUAL	SRCGP1	5	
595713.2	4129954.5	0.60322	42.6	42.6	1.5	ANNUAL	SRCGP1	5	
595733.2	4129954.5	0.5796	42.55	42.55	1.5	ANNUAL	SRCGP1	5	
595773.2	4129954.5	0.53501	42.44	42.44	1.5	ANNUAL	SRCGP1	5	
595793.2	4129954.5	0.5141	42.3	42.3	1.5	ANNUAL	SRCGP1	5	
595473.2	4129974.5	0.95729	43.09	43.09	1.5	ANNUAL	SRCGP1	5	
595513.2	4129974.5	0.89135	42.94	42.94	1.5	ANNUAL	SRCGP1	5	
595533.2	4129974.5	0.85846	42.94	42.94	1.5	ANNUAL	SRCGP1	5	
595553.2	4129974.5	0.82583	43.04	43.04	1.5	ANNUAL	SRCGP1	5	
595613.2	4129974.5	0.73283	42.97	42.97	1.5	ANNUAL	SRCGP1	5	
595633.2	4129974.5	0.70361	42.89	42.89	1.5	ANNUAL	SRCGP1	5	
595673.2	4129974.5	0.64813	42.59	42.59	1.5	ANNUAL	SRCGP1	5	
595693.2	4129974.5	0.62152	42.66	42.66	1.5	ANNUAL	SRCGP1	5	
595713.2	4129974.5	0.59617	42.58	42.58	1.5	ANNUAL	SRCGP1	5	
595733.2	4129974.5	0.57195	42.4	42.4	1.5	ANNUAL	SRCGP1	5	
595773.2	4129974.5	0.5263	42.19	42.19	1.5	ANNUAL	SRCGP1	5	
595793.2	4129974.5	0.50471	42.3	42.3	1.5	ANNUAL	SRCGP1	5	
595473.2	4129994.5	0.97391	42.95	42.95	1.5	ANNUAL	SRCGP1	5	
595513.2	4129994.5	0.90009	42.86	42.86	1.5	ANNUAL	SRCGP1	5	
595533.2	4129994.5	0.86396	42.87	42.87	1.5	ANNUAL	SRCGP1	5	
595553.2	4129994.5	0.82865	42.91	42.91	1.5	ANNUAL	SRCGP1	5	
595613.2	4129994.5	0.72914	42.84	42.84	1.5	ANNUAL	SRCGP1	5	
595633.2	4129994.5	0.6982	42.84	42.84	1.5	ANNUAL	SRCGP1	5	
595673.2	4129994.5	0.64042	42.47	42.47	1.5	ANNUAL	SRCGP1	5	
595693.2	4129994.5	0.61275	42.65	42.65	1.5	ANNUAL	SRCGP1	5	
595713.2	4129994.5	0.58679	42.5	42.5	1.5	ANNUAL	SRCGP1	5	
595733.2	4129994.5	0.56197	42.33	42.33	1.5	ANNUAL	SRCGP1	5	
595773.2	4129994.5	0.51546	42.21	42.21	1.5	ANNUAL	SRCGP1	5	
595793.2	4129994.5	0.49379	42.2	42.2	1.5	ANNUAL	SRCGP1	5	
595473.2	4130014.5	0.98455	42.98	42.98	1.5	ANNUAL	SRCGP1	5	
595513.2	4130014.5	0.90385	42.75	42.75	1.5	ANNUAL	SRCGP1	5	
595533.2	4130014.5	0.86446	42.88	42.88	1.5	ANNUAL	SRCGP1	5	
595553.2	4130014.5	0.82671	42.87	42.87	1.5	ANNUAL	SRCGP1	5	
595593.2	4130014.5	0.75587	42.52	42.52	1.5	ANNUAL	SRCGP1	5	
595613.2	4130014.5	0.72179	42.71	42.71	1.5	ANNUAL	SRCGP1	5	
595633.2	4130014.5	0.68959	42.7	42.7	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595673.2	4130014.5	0.62987	42.38	42.38	1.5	ANNUAL	SRCGP1	5	
595693.2	4130014.5	0.60159	42.53	42.53	1.5	ANNUAL	SRCGP1	5	
595713.2	4130014.5	0.5751	42.41	42.41	1.5	ANNUAL	SRCGP1	5	
595733.2	4130014.5	0.54991	42.26	42.26	1.5	ANNUAL	SRCGP1	5	
595773.2	4130014.5	0.50302	42.18	42.18	1.5	ANNUAL	SRCGP1	5	
595793.2	4130014.5	0.48138	42.11	42.11	1.5	ANNUAL	SRCGP1	5	
595473.2	4130034.5	0.9895	42.9	42.9	1.5	ANNUAL	SRCGP1	5	
595513.2	4130034.5	0.90196	42.74	42.74	1.5	ANNUAL	SRCGP1	5	
595533.2	4130034.5	0.86025	42.76	42.76	1.5	ANNUAL	SRCGP1	5	
595553.2	4130034.5	0.82025	42.76	42.76	1.5	ANNUAL	SRCGP1	5	
595593.2	4130034.5	0.74601	42.44	42.44	1.5	ANNUAL	SRCGP1	5	
595613.2	4130034.5	0.71066	42.69	42.69	1.5	ANNUAL	SRCGP1	5	
595633.2	4130034.5	0.67763	42.61	42.61	1.5	ANNUAL	SRCGP1	5	
595673.2	4130034.5	0.61671	42.24	42.24	1.5	ANNUAL	SRCGP1	5	
595693.2	4130034.5	0.58801	42.43	42.43	1.5	ANNUAL	SRCGP1	5	
595713.2	4130034.5	0.56127	42.32	42.32	1.5	ANNUAL	SRCGP1	5	
595733.2	4130034.5	0.53591	42.22	42.22	1.5	ANNUAL	SRCGP1	5	
595773.2	4130034.5	0.48912	42.14	42.14	1.5	ANNUAL	SRCGP1	5	
595793.2	4130034.5	0.46767	42.03	42.03	1.5	ANNUAL	SRCGP1	5	
595473.2	4130054.5	0.98809	42.8	42.8	1.5	ANNUAL	SRCGP1	5	
595513.2	4130054.5	0.89482	42.61	42.61	1.5	ANNUAL	SRCGP1	5	
595533.2	4130054.5	0.85108	42.57	42.57	1.5	ANNUAL	SRCGP1	5	
595553.2	4130054.5	0.8092	42.62	42.62	1.5	ANNUAL	SRCGP1	5	
595593.2	4130054.5	0.73238	42.34	42.34	1.5	ANNUAL	SRCGP1	5	
595613.2	4130054.5	0.69622	42.59	42.59	1.5	ANNUAL	SRCGP1	5	
595633.2	4130054.5	0.66263	42.49	42.49	1.5	ANNUAL	SRCGP1	5	
595673.2	4130054.5	0.60102	42.16	42.16	1.5	ANNUAL	SRCGP1	5	
595693.2	4130054.5	0.57232	42.29	42.29	1.5	ANNUAL	SRCGP1	5	
595713.2	4130054.5	0.54557	42.22	42.22	1.5	ANNUAL	SRCGP1	5	
595733.2	4130054.5	0.52039	42.09	42.09	1.5	ANNUAL	SRCGP1	5	
595773.2	4130054.5	0.47386	42.19	42.19	1.5	ANNUAL	SRCGP1	5	
595793.2	4130054.5	0.45292	41.9	41.9	1.5	ANNUAL	SRCGP1	5	
595473.2	4130074.5	0.98003	42.7	42.7	1.5	ANNUAL	SRCGP1	5	
595513.2	4130074.5	0.88227	42.43	42.43	1.5	ANNUAL	SRCGP1	5	
595533.2	4130074.5	0.83655	42.53	42.53	1.5	ANNUAL	SRCGP1	5	
595553.2	4130074.5	0.79362	42.49	42.49	1.5	ANNUAL	SRCGP1	5	
595593.2	4130074.5	0.71522	42.2	42.2	1.5	ANNUAL	SRCGP1	5	
595613.2	4130074.5	0.67883	42.35	42.35	1.5	ANNUAL	SRCGP1	5	
595633.2	4130074.5	0.64478	42.38	42.38	1.5	ANNUAL	SRCGP1	5	
595673.2	4130074.5	0.58325	42.03	42.03	1.5	ANNUAL	SRCGP1	5	
595693.2	4130074.5	0.5547	42.2	42.2	1.5	ANNUAL	SRCGP1	5	
595713.2	4130074.5	0.52816	42.18	42.18	1.5	ANNUAL	SRCGP1	5	
595733.2	4130074.5	0.50337	42.01	42.01	1.5	ANNUAL	SRCGP1	5	
595773.2	4130074.5	0.45786	41.96	41.96	1.5	ANNUAL	SRCGP1	5	
595793.2	4130074.5	0.43725	41.81	41.81	1.5	ANNUAL	SRCGP1	5	
595473.2	4130094.5	0.96537	42.58	42.58	1.5	ANNUAL	SRCGP1	5	
595513.2	4130094.5	0.86404	42.37	42.37	1.5	ANNUAL	SRCGP1	5	
595533.2	4130094.5	0.81746	42.4	42.4	1.5	ANNUAL	SRCGP1	5	
595553.2	4130094.5	0.77378	42.37	42.37	1.5	ANNUAL	SRCGP1	5	
595593.2	4130094.5	0.69459	42.17	42.17	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4130094.5	0.65822	42.32	42.32	1.5	ANNUAL	SRCGP1	5	
595633.2	4130094.5	0.62437	42.33	42.33	1.5	ANNUAL	SRCGP1	5	
595673.2	4130094.5	0.56354	41.97	41.97	1.5	ANNUAL	SRCGP1	5	
595693.2	4130094.5	0.5355	42.11	42.11	1.5	ANNUAL	SRCGP1	5	
595713.2	4130094.5	0.50946	42.1	42.1	1.5	ANNUAL	SRCGP1	5	
595733.2	4130094.5	0.48529	41.88	41.88	1.5	ANNUAL	SRCGP1	5	
595773.2	4130094.5	0.44097	41.82	41.82	1.5	ANNUAL	SRCGP1	5	
595793.2	4130094.5	0.42096	41.67	41.67	1.5	ANNUAL	SRCGP1	5	
595473.2	4130114.5	0.94399	42.56	42.56	1.5	ANNUAL	SRCGP1	5	
595513.2	4130114.5	0.84086	42.3	42.3	1.5	ANNUAL	SRCGP1	5	
595533.2	4130114.5	0.79398	42.26	42.26	1.5	ANNUAL	SRCGP1	5	
595553.2	4130114.5	0.75021	42.21	42.21	1.5	ANNUAL	SRCGP1	5	
595593.2	4130114.5	0.67134	42.02	42.02	1.5	ANNUAL	SRCGP1	5	
595613.2	4130114.5	0.63521	42.27	42.27	1.5	ANNUAL	SRCGP1	5	
595633.2	4130114.5	0.60211	42.14	42.14	1.5	ANNUAL	SRCGP1	5	
595673.2	4130114.5	0.54238	41.87	41.87	1.5	ANNUAL	SRCGP1	5	
595693.2	4130114.5	0.5151	41.98	41.98	1.5	ANNUAL	SRCGP1	5	
595713.2	4130114.5	0.48982	41.93	41.93	1.5	ANNUAL	SRCGP1	5	
595733.2	4130114.5	0.46634	41.76	41.76	1.5	ANNUAL	SRCGP1	5	
595773.2	4130114.5	0.42351	41.7	41.7	1.5	ANNUAL	SRCGP1	5	
595793.2	4130114.5	0.40429	41.51	41.51	1.5	ANNUAL	SRCGP1	5	
595473.2	4130134.5	0.91699	42.41	42.41	1.5	ANNUAL	SRCGP1	5	
595513.2	4130134.5	0.81316	42.23	42.23	1.5	ANNUAL	SRCGP1	5	
595533.2	4130134.5	0.76656	42.17	42.17	1.5	ANNUAL	SRCGP1	5	
595553.2	4130134.5	0.72313	42.16	42.16	1.5	ANNUAL	SRCGP1	5	
595593.2	4130134.5	0.6455	42	42	1.5	ANNUAL	SRCGP1	5	
595613.2	4130134.5	0.61031	42.16	42.16	1.5	ANNUAL	SRCGP1	5	
595633.2	4130134.5	0.57794	42.11	42.11	1.5	ANNUAL	SRCGP1	5	
595673.2	4130134.5	0.52013	41.76	41.76	1.5	ANNUAL	SRCGP1	5	
595693.2	4130134.5	0.49365	41.95	41.95	1.5	ANNUAL	SRCGP1	5	
595713.2	4130134.5	0.46937	41.85	41.85	1.5	ANNUAL	SRCGP1	5	
595733.2	4130134.5	0.44679	41.68	41.68	1.5	ANNUAL	SRCGP1	5	
595773.2	4130134.5	0.40571	41.62	41.62	1.5	ANNUAL	SRCGP1	5	
595793.2	4130134.5	0.38731	41.43	41.43	1.5	ANNUAL	SRCGP1	5	
594298.04	4130501.5	0.49148	42.76	42.76	1.5	ANNUAL	SRCGP1	5	
594318.04	4130501.5	0.55302	42.79	42.79	1.5	ANNUAL	SRCGP1	5	
594338.04	4130501.5	0.6271	42.79	42.79	1.5	ANNUAL	SRCGP1	5	
594358.04	4130501.5	0.71823	42.61	42.61	1.5	ANNUAL	SRCGP1	5	
594378.04	4130501.5	0.83031	42.45	42.45	1.5	ANNUAL	SRCGP1	5	
594398.04	4130501.5	0.96874	42.44	42.44	1.5	ANNUAL	SRCGP1	5	
594418.04	4130501.5	1.14178	42.6	42.6	1.5	ANNUAL	SRCGP1	5	
594438.04	4130501.5	1.37136	42.24	42.24	1.5	ANNUAL	SRCGP1	5	
594458.04	4130501.5	1.66416	42.35	42.35	1.5	ANNUAL	SRCGP1	5	
594498.04	4130501.5	2.59245	42.37	42.37	1.5	ANNUAL	SRCGP1	5	
594518.04	4130501.5	3.33013	42.63	42.63	1.5	ANNUAL	SRCGP1	5	
594538.04	4130501.5	4.40167	42.53	42.53	1.5	ANNUAL	SRCGP1	5	
594298.04	4130521.5	0.55506	42.61	42.61	1.5	ANNUAL	SRCGP1	5	
594318.04	4130521.5	0.62845	42.51	42.51	1.5	ANNUAL	SRCGP1	5	
594338.04	4130521.5	0.71816	42.22	42.22	1.5	ANNUAL	SRCGP1	5	
594358.04	4130521.5	0.82417	42.44	42.44	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594378.04	4130521.5	0.95911	42.11	42.11	1.5	ANNUAL	SRCGP1	5	
594398.04	4130521.5	1.12521	42.04	42.04	1.5	ANNUAL	SRCGP1	5	
594418.04	4130521.5	1.33436	42.03	42.03	1.5	ANNUAL	SRCGP1	5	
594438.04	4130521.5	1.60255	41.99	41.99	1.5	ANNUAL	SRCGP1	5	
594458.04	4130521.5	1.94806	42.1	42.1	1.5	ANNUAL	SRCGP1	5	
594498.04	4130521.5	3.01523	42.08	42.08	1.5	ANNUAL	SRCGP1	5	
594518.04	4130521.5	3.84168	41.98	41.98	1.5	ANNUAL	SRCGP1	5	
594538.04	4130521.5	4.94764	42.22	42.22	1.5	ANNUAL	SRCGP1	5	
594298.04	4130541.5	0.62337	42.39	42.39	1.5	ANNUAL	SRCGP1	5	
594318.04	4130541.5	0.70791	42.35	42.35	1.5	ANNUAL	SRCGP1	5	
594358.04	4130541.5	0.93613	41.94	41.94	1.5	ANNUAL	SRCGP1	5	
594418.04	4130541.5	1.51514	41.79	41.79	1.5	ANNUAL	SRCGP1	5	
594438.04	4130541.5	1.81373	41.78	41.78	1.5	ANNUAL	SRCGP1	5	
594458.04	4130541.5	2.18992	41.99	41.99	1.5	ANNUAL	SRCGP1	5	
594498.04	4130541.5	3.29741	42	42	1.5	ANNUAL	SRCGP1	5	
594518.04	4130541.5	4.10045	41.79	41.79	1.5	ANNUAL	SRCGP1	5	
594538.04	4130541.5	5.09539	42.03	42.03	1.5	ANNUAL	SRCGP1	5	
594298.04	4130561.5	0.69368	42.12	42.12	1.5	ANNUAL	SRCGP1	5	
594318.04	4130561.5	0.79019	41.8	41.8	1.5	ANNUAL	SRCGP1	5	
594798.04	4130621.5	1.34243	40.79	40.79	1.5	ANNUAL	SRCGP1	5	
594818.04	4130621.5	1.19781	40.8	40.8	1.5	ANNUAL	SRCGP1	5	
594838.04	4130621.5	1.08247	40.83	40.83	1.5	ANNUAL	SRCGP1	5	
594858.04	4130621.5	0.98784	41.04	41.04	1.5	ANNUAL	SRCGP1	5	
594878.04	4130621.5	0.9087	41.03	41.03	1.5	ANNUAL	SRCGP1	5	
594898.04	4130621.5	0.84102	40.95	40.95	1.5	ANNUAL	SRCGP1	5	
594918.04	4130621.5	0.7818	40.75	40.75	1.5	ANNUAL	SRCGP1	5	
594938.04	4130621.5	0.72887	40.91	40.91	1.5	ANNUAL	SRCGP1	5	
594958.04	4130621.5	0.6809	41.06	41.06	1.5	ANNUAL	SRCGP1	5	
594978.04	4130621.5	0.63716	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
594998.04	4130621.5	0.59689	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
595018.04	4130621.5	0.5598	40.76	40.76	1.5	ANNUAL	SRCGP1	5	
595038.04	4130621.5	0.52561	40.9	40.9	1.5	ANNUAL	SRCGP1	5	
595058.04	4130621.5	0.49414	40.93	40.93	1.5	ANNUAL	SRCGP1	5	
595078.04	4130621.5	0.46518	40.84	40.84	1.5	ANNUAL	SRCGP1	5	
595118.04	4130621.5	0.41402	40.61	40.61	1.5	ANNUAL	SRCGP1	5	
595138.04	4130621.5	0.39138	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
595158.04	4130621.5	0.37055	40.48	40.48	1.5	ANNUAL	SRCGP1	5	
595198.04	4130621.5	0.33367	40.38	40.38	1.5	ANNUAL	SRCGP1	5	
595218.04	4130621.5	0.3172	40.2	40.2	1.5	ANNUAL	SRCGP1	5	
595238.04	4130621.5	0.30224	40.28	40.28	1.5	ANNUAL	SRCGP1	5	
595578.04	4130621.5	0.15686	39.46	39.46	1.5	ANNUAL	SRCGP1	5	
595598.04	4130621.5	0.15215	39.52	39.52	1.5	ANNUAL	SRCGP1	5	
595618.04	4130621.5	0.14762	39.49	39.49	1.5	ANNUAL	SRCGP1	5	
595638.04	4130621.5	0.1433	39.43	39.43	1.5	ANNUAL	SRCGP1	5	
595658.04	4130621.5	0.13926	39.48	39.48	1.5	ANNUAL	SRCGP1	5	
595678.04	4130621.5	0.13537	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
595778.04	4130621.5	0.11846	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
594758.04	4130641.5	1.50765	40.38	40.38	1.5	ANNUAL	SRCGP1	5	
594778.04	4130641.5	1.307	40.61	40.61	1.5	ANNUAL	SRCGP1	5	
594798.04	4130641.5	1.15338	40.58	40.58	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594818.04	4130641.5	1.035	40.58	40.58	1.5	ANNUAL	SRCGP1	5	
594838.04	4130641.5	0.9398	40.56	40.56	1.5	ANNUAL	SRCGP1	5	
594858.04	4130641.5	0.86152	40.68	40.68	1.5	ANNUAL	SRCGP1	5	
594878.04	4130641.5	0.79552	40.67	40.67	1.5	ANNUAL	SRCGP1	5	
594898.04	4130641.5	0.73921	40.69	40.69	1.5	ANNUAL	SRCGP1	5	
594918.04	4130641.5	0.68998	40.52	40.52	1.5	ANNUAL	SRCGP1	5	
594938.04	4130641.5	0.647	40.8	40.8	1.5	ANNUAL	SRCGP1	5	
594958.04	4130641.5	0.60798	40.82	40.82	1.5	ANNUAL	SRCGP1	5	
594978.04	4130641.5	0.57229	40.77	40.77	1.5	ANNUAL	SRCGP1	5	
594998.04	4130641.5	0.53932	40.68	40.68	1.5	ANNUAL	SRCGP1	5	
595018.04	4130641.5	0.50861	40.57	40.57	1.5	ANNUAL	SRCGP1	5	
595038.04	4130641.5	0.48016	40.79	40.79	1.5	ANNUAL	SRCGP1	5	
595058.04	4130641.5	0.45356	40.77	40.77	1.5	ANNUAL	SRCGP1	5	
595078.04	4130641.5	0.42882	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
595118.04	4130641.5	0.3842	40.47	40.47	1.5	ANNUAL	SRCGP1	5	
595138.04	4130641.5	0.36428	40.42	40.42	1.5	ANNUAL	SRCGP1	5	
595158.04	4130641.5	0.34584	40.41	40.41	1.5	ANNUAL	SRCGP1	5	
595198.04	4130641.5	0.3127	40.25	40.25	1.5	ANNUAL	SRCGP1	5	
595218.04	4130641.5	0.29779	40.07	40.07	1.5	ANNUAL	SRCGP1	5	
595238.04	4130641.5	0.28396	39.92	39.92	1.5	ANNUAL	SRCGP1	5	
595278.04	4130641.5	0.25934	39.83	39.83	1.5	ANNUAL	SRCGP1	5	
595298.04	4130641.5	0.24846	40.01	40.01	1.5	ANNUAL	SRCGP1	5	
595318.04	4130641.5	0.23819	40.05	40.05	1.5	ANNUAL	SRCGP1	5	
595338.04	4130641.5	0.22842	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
595378.04	4130641.5	0.2109	39.67	39.67	1.5	ANNUAL	SRCGP1	5	
595398.04	4130641.5	0.203	39.65	39.65	1.5	ANNUAL	SRCGP1	5	
595418.04	4130641.5	0.19552	39.52	39.52	1.5	ANNUAL	SRCGP1	5	
595438.04	4130641.5	0.18853	39.45	39.45	1.5	ANNUAL	SRCGP1	5	
595478.04	4130641.5	0.17587	39.63	39.63	1.5	ANNUAL	SRCGP1	5	
595498.04	4130641.5	0.16999	39.45	39.45	1.5	ANNUAL	SRCGP1	5	
595518.04	4130641.5	0.16447	39.44	39.44	1.5	ANNUAL	SRCGP1	5	
595538.04	4130641.5	0.1593	39.56	39.56	1.5	ANNUAL	SRCGP1	5	
595578.04	4130641.5	0.14953	39.18	39.18	1.5	ANNUAL	SRCGP1	5	
595598.04	4130641.5	0.14508	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595618.04	4130641.5	0.14086	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
595638.04	4130641.5	0.13687	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595658.04	4130641.5	0.13305	39.18	39.18	1.5	ANNUAL	SRCGP1	5	
595678.04	4130641.5	0.12942	39.21	39.21	1.5	ANNUAL	SRCGP1	5	
595718.04	4130641.5	0.1226	39.19	39.19	1.5	ANNUAL	SRCGP1	5	
595738.04	4130641.5	0.11947	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
595758.04	4130641.5	0.11638	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
595778.04	4130641.5	0.11345	38.99	38.99	1.5	ANNUAL	SRCGP1	5	
594538.04	4130661.5	2.47119	40.75	40.75	1.5	ANNUAL	SRCGP1	5	
594558.04	4130661.5	2.51108	40.57	40.57	1.5	ANNUAL	SRCGP1	5	
594578.04	4130661.5	2.52422	40.72	40.72	1.5	ANNUAL	SRCGP1	5	
594598.04	4130661.5	2.51469	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
594618.04	4130661.5	2.48498	40.51	40.51	1.5	ANNUAL	SRCGP1	5	
594718.04	4130661.5	1.7377	40.36	40.36	1.5	ANNUAL	SRCGP1	5	
594738.04	4130661.5	1.49498	40.07	40.07	1.5	ANNUAL	SRCGP1	5	
594758.04	4130661.5	1.28881	40.08	40.08	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594778.04	4130661.5	1.12625	40.2	40.2	1.5	ANNUAL	SRCGP1	5	
594798.04	4130661.5	1.00072	40.23	40.23	1.5	ANNUAL	SRCGP1	5	
594818.04	4130661.5	0.90332	40.31	40.31	1.5	ANNUAL	SRCGP1	5	
594838.04	4130661.5	0.82378	40.25	40.25	1.5	ANNUAL	SRCGP1	5	
594858.04	4130661.5	0.75859	40.41	40.41	1.5	ANNUAL	SRCGP1	5	
594878.04	4130661.5	0.70282	40.45	40.45	1.5	ANNUAL	SRCGP1	5	
594898.04	4130661.5	0.65513	40.5	40.5	1.5	ANNUAL	SRCGP1	5	
594918.04	4130661.5	0.61305	40.3	40.3	1.5	ANNUAL	SRCGP1	5	
594938.04	4130661.5	0.57755	40.58	40.58	1.5	ANNUAL	SRCGP1	5	
594958.04	4130661.5	0.54511	40.72	40.72	1.5	ANNUAL	SRCGP1	5	
594978.04	4130661.5	0.5153	40.49	40.49	1.5	ANNUAL	SRCGP1	5	
594998.04	4130661.5	0.48826	40.57	40.57	1.5	ANNUAL	SRCGP1	5	
595018.04	4130661.5	0.46263	40.43	40.43	1.5	ANNUAL	SRCGP1	5	
595038.04	4130661.5	0.43921	40.73	40.73	1.5	ANNUAL	SRCGP1	5	
595058.04	4130661.5	0.41683	40.58	40.58	1.5	ANNUAL	SRCGP1	5	
595078.04	4130661.5	0.39562	40.44	40.44	1.5	ANNUAL	SRCGP1	5	
595118.04	4130661.5	0.35719	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
595138.04	4130661.5	0.33983	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
595158.04	4130661.5	0.32358	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
595198.04	4130661.5	0.29389	40.08	40.08	1.5	ANNUAL	SRCGP1	5	
595218.04	4130661.5	0.28049	39.97	39.97	1.5	ANNUAL	SRCGP1	5	
595238.04	4130661.5	0.268	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
595278.04	4130661.5	0.24542	39.73	39.73	1.5	ANNUAL	SRCGP1	5	
595298.04	4130661.5	0.2354	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
595318.04	4130661.5	0.22586	39.83	39.83	1.5	ANNUAL	SRCGP1	5	
595338.04	4130661.5	0.21689	39.72	39.72	1.5	ANNUAL	SRCGP1	5	
595378.04	4130661.5	0.20063	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
595398.04	4130661.5	0.19324	39.53	39.53	1.5	ANNUAL	SRCGP1	5	
595418.04	4130661.5	0.18622	39.37	39.37	1.5	ANNUAL	SRCGP1	5	
595438.04	4130661.5	0.1797	39.33	39.33	1.5	ANNUAL	SRCGP1	5	
595478.04	4130661.5	0.16783	39.44	39.44	1.5	ANNUAL	SRCGP1	5	
595498.04	4130661.5	0.16233	39.42	39.42	1.5	ANNUAL	SRCGP1	5	
595518.04	4130661.5	0.15717	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
595538.04	4130661.5	0.15228	39.41	39.41	1.5	ANNUAL	SRCGP1	5	
595578.04	4130661.5	0.14307	39.06	39.06	1.5	ANNUAL	SRCGP1	5	
595598.04	4130661.5	0.13887	39	39	1.5	ANNUAL	SRCGP1	5	
595618.04	4130661.5	0.1349	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
595638.04	4130661.5	0.13111	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
595658.04	4130661.5	0.1275	39	39	1.5	ANNUAL	SRCGP1	5	
595678.04	4130661.5	0.12409	39	39	1.5	ANNUAL	SRCGP1	5	
595698.04	4130661.5	0.12082	39.07	39.07	1.5	ANNUAL	SRCGP1	5	
595718.04	4130661.5	0.11762	38.94	38.94	1.5	ANNUAL	SRCGP1	5	
595738.04	4130661.5	0.11468	39.1	39.1	1.5	ANNUAL	SRCGP1	5	
595758.04	4130661.5	0.11179	39	39	1.5	ANNUAL	SRCGP1	5	
595778.04	4130661.5	0.10904	39.01	39.01	1.5	ANNUAL	SRCGP1	5	
595798.04	4130661.5	0.10635	38.79	38.79	1.5	ANNUAL	SRCGP1	5	
594418.04	4130681.5	1.62251	40.87	40.87	1.5	ANNUAL	SRCGP1	5	
594438.04	4130681.5	1.73869	40.87	40.87	1.5	ANNUAL	SRCGP1	5	
594458.04	4130681.5	1.84745	40.79	40.79	1.5	ANNUAL	SRCGP1	5	
594478.04	4130681.5	1.94373	40.7	40.7	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130681.5	2.02256	40.83	40.83	1.5	ANNUAL	SRCGP1	5	
594518.04	4130681.5	2.08026	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
594538.04	4130681.5	2.11345	40.52	40.52	1.5	ANNUAL	SRCGP1	5	
594558.04	4130681.5	2.12514	40.43	40.43	1.5	ANNUAL	SRCGP1	5	
594578.04	4130681.5	2.12297	40.5	40.5	1.5	ANNUAL	SRCGP1	5	
594598.04	4130681.5	2.10861	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
594618.04	4130681.5	2.08217	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
594718.04	4130681.5	1.47328	40.22	40.22	1.5	ANNUAL	SRCGP1	5	
594738.04	4130681.5	1.28081	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
594758.04	4130681.5	1.11576	39.86	39.86	1.5	ANNUAL	SRCGP1	5	
594778.04	4130681.5	0.98244	39.95	39.95	1.5	ANNUAL	SRCGP1	5	
594798.04	4130681.5	0.87869	40.09	40.09	1.5	ANNUAL	SRCGP1	5	
594818.04	4130681.5	0.79677	40.15	40.15	1.5	ANNUAL	SRCGP1	5	
594838.04	4130681.5	0.72922	39.99	39.99	1.5	ANNUAL	SRCGP1	5	
594858.04	4130681.5	0.67387	40.12	40.12	1.5	ANNUAL	SRCGP1	5	
594878.04	4130681.5	0.62639	40.23	40.23	1.5	ANNUAL	SRCGP1	5	
594898.04	4130681.5	0.58538	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
594918.04	4130681.5	0.54887	40.08	40.08	1.5	ANNUAL	SRCGP1	5	
594938.04	4130681.5	0.51832	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
594958.04	4130681.5	0.49069	40.38	40.38	1.5	ANNUAL	SRCGP1	5	
594978.04	4130681.5	0.46575	40.39	40.39	1.5	ANNUAL	SRCGP1	5	
594998.04	4130681.5	0.44295	40.4	40.4	1.5	ANNUAL	SRCGP1	5	
595018.04	4130681.5	0.42163	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
595038.04	4130681.5	0.40223	40.62	40.62	1.5	ANNUAL	SRCGP1	5	
595058.04	4130681.5	0.38327	40.47	40.47	1.5	ANNUAL	SRCGP1	5	
595078.04	4130681.5	0.36553	40.48	40.48	1.5	ANNUAL	SRCGP1	5	
595118.04	4130681.5	0.33259	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
595138.04	4130681.5	0.31725	40.12	40.12	1.5	ANNUAL	SRCGP1	5	
595158.04	4130681.5	0.30311	40.21	40.21	1.5	ANNUAL	SRCGP1	5	
595198.04	4130681.5	0.27679	40.01	40.01	1.5	ANNUAL	SRCGP1	5	
595218.04	4130681.5	0.26486	39.99	39.99	1.5	ANNUAL	SRCGP1	5	
595238.04	4130681.5	0.25355	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
595278.04	4130681.5	0.23286	39.63	39.63	1.5	ANNUAL	SRCGP1	5	
595298.04	4130681.5	0.22364	39.76	39.76	1.5	ANNUAL	SRCGP1	5	
595318.04	4130681.5	0.21496	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
595338.04	4130681.5	0.20654	39.6	39.6	1.5	ANNUAL	SRCGP1	5	
595378.04	4130681.5	0.19138	39.42	39.42	1.5	ANNUAL	SRCGP1	5	
595398.04	4130681.5	0.18455	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
595418.04	4130681.5	0.17791	39.14	39.14	1.5	ANNUAL	SRCGP1	5	
595438.04	4130681.5	0.17175	39.06	39.06	1.5	ANNUAL	SRCGP1	5	
595478.04	4130681.5	0.1607	39.32	39.32	1.5	ANNUAL	SRCGP1	5	
595498.04	4130681.5	0.15552	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
595518.04	4130681.5	0.15062	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
595538.04	4130681.5	0.14604	39.33	39.33	1.5	ANNUAL	SRCGP1	5	
595578.04	4130681.5	0.1374	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
595598.04	4130681.5	0.13345	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
595618.04	4130681.5	0.1297	39.27	39.27	1.5	ANNUAL	SRCGP1	5	
595638.04	4130681.5	0.12609	39.21	39.21	1.5	ANNUAL	SRCGP1	5	
595658.04	4130681.5	0.12264	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595678.04	4130681.5	0.11936	39.14	39.14	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130681.5	0.11619	38.92	38.92	1.5	ANNUAL	SRCGP1	5	
595718.04	4130681.5	0.11317	38.79	38.79	1.5	ANNUAL	SRCGP1	5	
595738.04	4130681.5	0.11039	38.98	38.98	1.5	ANNUAL	SRCGP1	5	
595758.04	4130681.5	0.10768	39.06	39.06	1.5	ANNUAL	SRCGP1	5	
595778.04	4130681.5	0.10506	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595798.04	4130681.5	0.10243	38.55	38.55	1.5	ANNUAL	SRCGP1	5	
594318.04	4130701.5	1.04611	40.53	40.53	1.5	ANNUAL	SRCGP1	5	
594338.04	4130701.5	1.13562	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
594358.04	4130701.5	1.22781	40.54	40.54	1.5	ANNUAL	SRCGP1	5	
594378.04	4130701.5	1.32264	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
594398.04	4130701.5	1.41674	40.66	40.66	1.5	ANNUAL	SRCGP1	5	
594418.04	4130701.5	1.50782	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
594438.04	4130701.5	1.59276	40.63	40.63	1.5	ANNUAL	SRCGP1	5	
594458.04	4130701.5	1.6676	40.56	40.56	1.5	ANNUAL	SRCGP1	5	
594478.04	4130701.5	1.72949	40.52	40.52	1.5	ANNUAL	SRCGP1	5	
594498.04	4130701.5	1.77715	40.64	40.64	1.5	ANNUAL	SRCGP1	5	
594518.04	4130701.5	1.80476	40.46	40.46	1.5	ANNUAL	SRCGP1	5	
594538.04	4130701.5	1.81751	40.44	40.44	1.5	ANNUAL	SRCGP1	5	
594558.04	4130701.5	1.81525	40.3	40.3	1.5	ANNUAL	SRCGP1	5	
594578.04	4130701.5	1.80584	40.29	40.29	1.5	ANNUAL	SRCGP1	5	
594598.04	4130701.5	1.79109	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
594618.04	4130701.5	1.76443	40.16	40.16	1.5	ANNUAL	SRCGP1	5	
595278.04	4130701.5	0.22131	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
595298.04	4130701.5	0.21285	39.58	39.58	1.5	ANNUAL	SRCGP1	5	
595318.04	4130701.5	0.20489	39.73	39.73	1.5	ANNUAL	SRCGP1	5	
595338.04	4130701.5	0.19717	39.54	39.54	1.5	ANNUAL	SRCGP1	5	
595378.04	4130701.5	0.18309	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
595398.04	4130701.5	0.17664	39.26	39.26	1.5	ANNUAL	SRCGP1	5	
595418.04	4130701.5	0.17042	39.02	39.02	1.5	ANNUAL	SRCGP1	5	
595438.04	4130701.5	0.16465	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
595478.04	4130701.5	0.1542	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
595498.04	4130701.5	0.14939	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595518.04	4130701.5	0.1448	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
595538.04	4130701.5	0.14035	39.18	39.18	1.5	ANNUAL	SRCGP1	5	
595578.04	4130701.5	0.13225	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595598.04	4130701.5	0.12849	39.18	39.18	1.5	ANNUAL	SRCGP1	5	
595618.04	4130701.5	0.12491	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
595638.04	4130701.5	0.12146	39.09	39.09	1.5	ANNUAL	SRCGP1	5	
595658.04	4130701.5	0.11813	38.86	38.86	1.5	ANNUAL	SRCGP1	5	
595678.04	4130701.5	0.11504	38.95	38.95	1.5	ANNUAL	SRCGP1	5	
595698.04	4130701.5	0.11204	38.87	38.87	1.5	ANNUAL	SRCGP1	5	
595718.04	4130701.5	0.10928	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
595738.04	4130701.5	0.10658	39.16	39.16	1.5	ANNUAL	SRCGP1	5	
595758.04	4130701.5	0.10396	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595778.04	4130701.5	0.10147	39.18	39.18	1.5	ANNUAL	SRCGP1	5	
595798.04	4130701.5	0.09899	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
594318.04	4130721.5	1.02037	40.39	40.39	1.5	ANNUAL	SRCGP1	5	
594338.04	4130721.5	1.09629	40.5	40.5	1.5	ANNUAL	SRCGP1	5	
594358.04	4130721.5	1.17215	40.44	40.44	1.5	ANNUAL	SRCGP1	5	
594378.04	4130721.5	1.24715	40.39	40.39	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398.04	4130721.5	1.32009	40.45	40.45	1.5	ANNUAL	SRCGP1	5	
594418.04	4130721.5	1.38813	40.52	40.52	1.5	ANNUAL	SRCGP1	5	
594438.04	4130721.5	1.44776	40.47	40.47	1.5	ANNUAL	SRCGP1	5	
594458.04	4130721.5	1.49713	40.39	40.39	1.5	ANNUAL	SRCGP1	5	
594478.04	4130721.5	1.53457	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
594498.04	4130721.5	1.56081	40.43	40.43	1.5	ANNUAL	SRCGP1	5	
594518.04	4130721.5	1.57261	40.38	40.38	1.5	ANNUAL	SRCGP1	5	
594538.04	4130721.5	1.5728	40.27	40.27	1.5	ANNUAL	SRCGP1	5	
594558.04	4130721.5	1.56503	40.13	40.13	1.5	ANNUAL	SRCGP1	5	
594578.04	4130721.5	1.55476	40.15	40.15	1.5	ANNUAL	SRCGP1	5	
594598.04	4130721.5	1.53994	40.1	40.1	1.5	ANNUAL	SRCGP1	5	
594618.04	4130721.5	1.51759	40.04	40.04	1.5	ANNUAL	SRCGP1	5	
594678.04	4130721.5	1.33475	40.05	40.05	1.5	ANNUAL	SRCGP1	5	
594698.04	4130721.5	1.22395	40.01	40.01	1.5	ANNUAL	SRCGP1	5	
594718.04	4130721.5	1.09889	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
594758.04	4130721.5	0.86223	39.57	39.57	1.5	ANNUAL	SRCGP1	5	
594778.04	4130721.5	0.76933	39.66	39.66	1.5	ANNUAL	SRCGP1	5	
594798.04	4130721.5	0.69389	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
594818.04	4130721.5	0.63406	39.62	39.62	1.5	ANNUAL	SRCGP1	5	
594838.04	4130721.5	0.58516	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
594858.04	4130721.5	0.54443	39.71	39.71	1.5	ANNUAL	SRCGP1	5	
594878.04	4130721.5	0.50864	39.69	39.69	1.5	ANNUAL	SRCGP1	5	
594898.04	4130721.5	0.4773	39.71	39.71	1.5	ANNUAL	SRCGP1	5	
594938.04	4130721.5	0.42554	39.8	39.8	1.5	ANNUAL	SRCGP1	5	
594958.04	4130721.5	0.40459	40.05	40.05	1.5	ANNUAL	SRCGP1	5	
594978.04	4130721.5	0.38565	40.13	40.13	1.5	ANNUAL	SRCGP1	5	
594998.04	4130721.5	0.36861	40.18	40.18	1.5	ANNUAL	SRCGP1	5	
595018.04	4130721.5	0.35285	40.07	40.07	1.5	ANNUAL	SRCGP1	5	
595038.04	4130721.5	0.33877	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
595058.04	4130721.5	0.32508	40.18	40.18	1.5	ANNUAL	SRCGP1	5	
595078.04	4130721.5	0.31216	40.08	40.08	1.5	ANNUAL	SRCGP1	5	
595118.04	4130721.5	0.28817	39.96	39.96	1.5	ANNUAL	SRCGP1	5	
595138.04	4130721.5	0.27701	39.98	39.98	1.5	ANNUAL	SRCGP1	5	
595158.04	4130721.5	0.26621	39.92	39.92	1.5	ANNUAL	SRCGP1	5	
595198.04	4130721.5	0.24592	39.74	39.74	1.5	ANNUAL	SRCGP1	5	
595218.04	4130721.5	0.23649	39.74	39.74	1.5	ANNUAL	SRCGP1	5	
595238.04	4130721.5	0.22748	39.7	39.7	1.5	ANNUAL	SRCGP1	5	
595278.04	4130721.5	0.21062	39.52	39.52	1.5	ANNUAL	SRCGP1	5	
595298.04	4130721.5	0.20296	39.66	39.66	1.5	ANNUAL	SRCGP1	5	
595318.04	4130721.5	0.19554	39.58	39.58	1.5	ANNUAL	SRCGP1	5	
595338.04	4130721.5	0.18847	39.48	39.48	1.5	ANNUAL	SRCGP1	5	
595378.04	4130721.5	0.1754	39.23	39.23	1.5	ANNUAL	SRCGP1	5	
595398.04	4130721.5	0.16939	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
595418.04	4130721.5	0.16363	38.92	38.92	1.5	ANNUAL	SRCGP1	5	
595438.04	4130721.5	0.15813	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
595478.04	4130721.5	0.14839	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595498.04	4130721.5	0.14378	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
595518.04	4130721.5	0.13944	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595538.04	4130721.5	0.13528	39.06	39.06	1.5	ANNUAL	SRCGP1	5	
595578.04	4130721.5	0.12756	39.04	39.04	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598.04	4130721.5	0.12401	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
595618.04	4130721.5	0.12056	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
595638.04	4130721.5	0.11728	39.03	39.03	1.5	ANNUAL	SRCGP1	5	
595658.04	4130721.5	0.1141	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595678.04	4130721.5	0.11125	39.21	39.21	1.5	ANNUAL	SRCGP1	5	
595698.04	4130721.5	0.10831	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
595718.04	4130721.5	0.10565	39.14	39.14	1.5	ANNUAL	SRCGP1	5	
595738.04	4130721.5	0.10305	39.11	39.11	1.5	ANNUAL	SRCGP1	5	
595758.04	4130721.5	0.10057	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595778.04	4130721.5	0.09819	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
595798.04	4130721.5	0.09578	38.73	38.73	1.5	ANNUAL	SRCGP1	5	
594318.04	4130741.5	0.98453	40.35	40.35	1.5	ANNUAL	SRCGP1	5	
594338.04	4130741.5	1.04669	40.33	40.33	1.5	ANNUAL	SRCGP1	5	
594358.04	4130741.5	1.10806	40.36	40.36	1.5	ANNUAL	SRCGP1	5	
594378.04	4130741.5	1.16651	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
594398.04	4130741.5	1.22109	40.33	40.33	1.5	ANNUAL	SRCGP1	5	
594418.04	4130741.5	1.27083	40.49	40.49	1.5	ANNUAL	SRCGP1	5	
594438.04	4130741.5	1.31097	40.38	40.38	1.5	ANNUAL	SRCGP1	5	
594458.04	4130741.5	1.34236	40.34	40.34	1.5	ANNUAL	SRCGP1	5	
594478.04	4130741.5	1.36253	40.18	40.18	1.5	ANNUAL	SRCGP1	5	
594498.04	4130741.5	1.37511	40.31	40.31	1.5	ANNUAL	SRCGP1	5	
594518.04	4130741.5	1.37731	40.28	40.28	1.5	ANNUAL	SRCGP1	5	
594538.04	4130741.5	1.37175	40.13	40.13	1.5	ANNUAL	SRCGP1	5	
594558.04	4130741.5	1.36257	40	40	1.5	ANNUAL	SRCGP1	5	
594578.04	4130741.5	1.35372	40.1	40.1	1.5	ANNUAL	SRCGP1	5	
594598.04	4130741.5	1.34028	40.02	40.02	1.5	ANNUAL	SRCGP1	5	
594618.04	4130741.5	1.32034	39.99	39.99	1.5	ANNUAL	SRCGP1	5	
594678.04	4130741.5	1.16186	40.1	40.1	1.5	ANNUAL	SRCGP1	5	
594698.04	4130741.5	1.06978	40.13	40.13	1.5	ANNUAL	SRCGP1	5	
594718.04	4130741.5	0.96525	39.83	39.83	1.5	ANNUAL	SRCGP1	5	
594758.04	4130741.5	0.76699	39.38	39.38	1.5	ANNUAL	SRCGP1	5	
594778.04	4130741.5	0.6884	39.5	39.5	1.5	ANNUAL	SRCGP1	5	
594798.04	4130741.5	0.62434	39.62	39.62	1.5	ANNUAL	SRCGP1	5	
594818.04	4130741.5	0.57134	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
594838.04	4130741.5	0.52917	39.39	39.39	1.5	ANNUAL	SRCGP1	5	
594858.04	4130741.5	0.49389	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
594878.04	4130741.5	0.4627	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
594898.04	4130741.5	0.43549	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
594938.04	4130741.5	0.38906	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
594958.04	4130741.5	0.37018	39.7	39.7	1.5	ANNUAL	SRCGP1	5	
594978.04	4130741.5	0.3535	39.95	39.95	1.5	ANNUAL	SRCGP1	5	
594998.04	4130741.5	0.33826	39.98	39.98	1.5	ANNUAL	SRCGP1	5	
595018.04	4130741.5	0.32434	39.9	39.9	1.5	ANNUAL	SRCGP1	5	
595038.04	4130741.5	0.3121	40.2	40.2	1.5	ANNUAL	SRCGP1	5	
595058.04	4130741.5	0.30031	40.15	40.15	1.5	ANNUAL	SRCGP1	5	
595078.04	4130741.5	0.28903	39.91	39.91	1.5	ANNUAL	SRCGP1	5	
595118.04	4130741.5	0.26852	39.9	39.9	1.5	ANNUAL	SRCGP1	5	
595138.04	4130741.5	0.25887	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
595158.04	4130741.5	0.24953	39.81	39.81	1.5	ANNUAL	SRCGP1	5	
595198.04	4130741.5	0.23183	39.63	39.63	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218.04	4130741.5	0.22354	39.64	39.64	1.5	ANNUAL	SRCGP1	5	
595238.04	4130741.5	0.21554	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
595278.04	4130741.5	0.20045	39.44	39.44	1.5	ANNUAL	SRCGP1	5	
595298.04	4130741.5	0.19349	39.53	39.53	1.5	ANNUAL	SRCGP1	5	
595318.04	4130741.5	0.18684	39.62	39.62	1.5	ANNUAL	SRCGP1	5	
595338.04	4130741.5	0.18021	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
595378.04	4130741.5	0.16826	39.14	39.14	1.5	ANNUAL	SRCGP1	5	
595398.04	4130741.5	0.16273	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
595418.04	4130741.5	0.1573	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
595438.04	4130741.5	0.15217	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
595478.04	4130741.5	0.14304	38.99	38.99	1.5	ANNUAL	SRCGP1	5	
595498.04	4130741.5	0.13868	38.96	38.96	1.5	ANNUAL	SRCGP1	5	
595518.04	4130741.5	0.13451	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
595538.04	4130741.5	0.13062	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
595578.04	4130741.5	0.12328	38.98	38.98	1.5	ANNUAL	SRCGP1	5	
595598.04	4130741.5	0.11986	38.94	38.94	1.5	ANNUAL	SRCGP1	5	
595618.04	4130741.5	0.11664	39.05	39.05	1.5	ANNUAL	SRCGP1	5	
595638.04	4130741.5	0.11349	38.98	38.98	1.5	ANNUAL	SRCGP1	5	
595658.04	4130741.5	0.11046	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595678.04	4130741.5	0.10772	39.11	39.11	1.5	ANNUAL	SRCGP1	5	
595698.04	4130741.5	0.10493	38.87	38.87	1.5	ANNUAL	SRCGP1	5	
595718.04	4130741.5	0.10228	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595738.04	4130741.5	0.09978	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595758.04	4130741.5	0.09735	38.51	38.51	1.5	ANNUAL	SRCGP1	5	
595778.04	4130741.5	0.0951	38.66	38.66	1.5	ANNUAL	SRCGP1	5	
595798.04	4130741.5	0.09281	38.36	38.36	1.5	ANNUAL	SRCGP1	5	
594318.04	4130761.5	0.94013	40.07	40.07	1.5	ANNUAL	SRCGP1	5	
594338.04	4130761.5	0.99099	40.19	40.19	1.5	ANNUAL	SRCGP1	5	
594358.04	4130761.5	1.03918	40.21	40.21	1.5	ANNUAL	SRCGP1	5	
594378.04	4130761.5	1.0835	40.15	40.15	1.5	ANNUAL	SRCGP1	5	
594398.04	4130761.5	1.12326	40.13	40.13	1.5	ANNUAL	SRCGP1	5	
594418.04	4130761.5	1.15833	40.32	40.32	1.5	ANNUAL	SRCGP1	5	
594438.04	4130761.5	1.18409	40.19	40.19	1.5	ANNUAL	SRCGP1	5	
594458.04	4130761.5	1.2022	40.12	40.12	1.5	ANNUAL	SRCGP1	5	
594478.04	4130761.5	1.2115	39.97	39.97	1.5	ANNUAL	SRCGP1	5	
594498.04	4130761.5	1.21724	40.31	40.31	1.5	ANNUAL	SRCGP1	5	
594518.04	4130761.5	1.21304	40.12	40.12	1.5	ANNUAL	SRCGP1	5	
594538.04	4130761.5	1.20524	39.93	39.93	1.5	ANNUAL	SRCGP1	5	
594558.04	4130761.5	1.19665	39.83	39.83	1.5	ANNUAL	SRCGP1	5	
594578.04	4130761.5	1.18991	40.05	40.05	1.5	ANNUAL	SRCGP1	5	
594598.04	4130761.5	1.17677	39.83	39.83	1.5	ANNUAL	SRCGP1	5	
594618.04	4130761.5	1.15815	39.76	39.76	1.5	ANNUAL	SRCGP1	5	
594678.04	4130761.5	1.02037	40.06	40.06	1.5	ANNUAL	SRCGP1	5	
594698.04	4130761.5	0.94172	39.96	39.96	1.5	ANNUAL	SRCGP1	5	
594718.04	4130761.5	0.85379	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
594758.04	4130761.5	0.68758	39.29	39.29	1.5	ANNUAL	SRCGP1	5	
594778.04	4130761.5	0.61995	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
594798.04	4130761.5	0.56386	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594818.04	4130761.5	0.51854	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594838.04	4130761.5	0.48106	39.17	39.17	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858.04	4130761.5	0.45032	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594878.04	4130761.5	0.42289	39.2	39.2	1.5	ANNUAL	SRCGP1	5	
594898.04	4130761.5	0.39878	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
594938.04	4130761.5	0.35767	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
594958.04	4130761.5	0.34078	39.53	39.53	1.5	ANNUAL	SRCGP1	5	
594978.04	4130761.5	0.32535	39.58	39.58	1.5	ANNUAL	SRCGP1	5	
594998.04	4130761.5	0.31164	39.66	39.66	1.5	ANNUAL	SRCGP1	5	
595018.04	4130761.5	0.29918	39.63	39.63	1.5	ANNUAL	SRCGP1	5	
595038.04	4130761.5	0.28819	39.86	39.86	1.5	ANNUAL	SRCGP1	5	
595058.04	4130761.5	0.27798	39.99	39.99	1.5	ANNUAL	SRCGP1	5	
595078.04	4130761.5	0.26822	39.88	39.88	1.5	ANNUAL	SRCGP1	5	
595118.04	4130761.5	0.25038	39.8	39.8	1.5	ANNUAL	SRCGP1	5	
595138.04	4130761.5	0.24201	39.76	39.76	1.5	ANNUAL	SRCGP1	5	
595158.04	4130761.5	0.23379	39.54	39.54	1.5	ANNUAL	SRCGP1	5	
595198.04	4130761.5	0.21858	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
595218.04	4130761.5	0.21138	39.72	39.72	1.5	ANNUAL	SRCGP1	5	
595238.04	4130761.5	0.20413	39.4	39.4	1.5	ANNUAL	SRCGP1	5	
595278.04	4130761.5	0.19077	39.37	39.37	1.5	ANNUAL	SRCGP1	5	
595298.04	4130761.5	0.18456	39.54	39.54	1.5	ANNUAL	SRCGP1	5	
595318.04	4130761.5	0.17836	39.29	39.29	1.5	ANNUAL	SRCGP1	5	
595338.04	4130761.5	0.17246	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
595378.04	4130761.5	0.16141	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
595398.04	4130761.5	0.15634	38.96	38.96	1.5	ANNUAL	SRCGP1	5	
595418.04	4130761.5	0.15126	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
595438.04	4130761.5	0.14659	38.57	38.57	1.5	ANNUAL	SRCGP1	5	
595478.04	4130761.5	0.13799	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
595498.04	4130761.5	0.13388	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
595518.04	4130761.5	0.12996	38.74	38.74	1.5	ANNUAL	SRCGP1	5	
595538.04	4130761.5	0.12627	38.79	38.79	1.5	ANNUAL	SRCGP1	5	
595578.04	4130761.5	0.11935	38.93	38.93	1.5	ANNUAL	SRCGP1	5	
595598.04	4130761.5	0.11607	38.86	38.86	1.5	ANNUAL	SRCGP1	5	
595618.04	4130761.5	0.11302	38.97	38.97	1.5	ANNUAL	SRCGP1	5	
595638.04	4130761.5	0.10999	38.85	38.85	1.5	ANNUAL	SRCGP1	5	
595658.04	4130761.5	0.10709	38.66	38.66	1.5	ANNUAL	SRCGP1	5	
595678.04	4130761.5	0.10447	38.99	38.99	1.5	ANNUAL	SRCGP1	5	
595698.04	4130761.5	0.10182	38.85	38.85	1.5	ANNUAL	SRCGP1	5	
595718.04	4130761.5	0.09925	38.62	38.62	1.5	ANNUAL	SRCGP1	5	
595738.04	4130761.5	0.09686	38.66	38.66	1.5	ANNUAL	SRCGP1	5	
595758.04	4130761.5	0.09456	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
595778.04	4130761.5	0.09235	38.59	38.59	1.5	ANNUAL	SRCGP1	5	
595798.04	4130761.5	0.09019	38.48	38.48	1.5	ANNUAL	SRCGP1	5	
594318.04	4130781.5	0.89161	39.91	39.91	1.5	ANNUAL	SRCGP1	5	
594338.04	4130781.5	0.93203	40.03	40.03	1.5	ANNUAL	SRCGP1	5	
594358.04	4130781.5	0.9693	40.08	40.08	1.5	ANNUAL	SRCGP1	5	
594378.04	4130781.5	1.00222	40.03	40.03	1.5	ANNUAL	SRCGP1	5	
594398.04	4130781.5	1.03007	39.95	39.95	1.5	ANNUAL	SRCGP1	5	
594418.04	4130781.5	1.0533	40.06	40.06	1.5	ANNUAL	SRCGP1	5	
594438.04	4130781.5	1.06905	39.99	39.99	1.5	ANNUAL	SRCGP1	5	
594458.04	4130781.5	1.07859	39.98	39.98	1.5	ANNUAL	SRCGP1	5	
594478.04	4130781.5	1.08172	39.94	39.94	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498.04	4130781.5	1.08057	40.01	40.01	1.5	ANNUAL	SRCGP1	5	
594518.04	4130781.5	1.07507	39.94	39.94	1.5	ANNUAL	SRCGP1	5	
594538.04	4130781.5	1.06865	39.95	39.95	1.5	ANNUAL	SRCGP1	5	
594558.04	4130781.5	1.05978	39.67	39.67	1.5	ANNUAL	SRCGP1	5	
594578.04	4130781.5	1.05411	39.9	39.9	1.5	ANNUAL	SRCGP1	5	
594598.04	4130781.5	1.04461	40	40	1.5	ANNUAL	SRCGP1	5	
594618.04	4130781.5	1.02615	39.76	39.76	1.5	ANNUAL	SRCGP1	5	
594678.04	4130781.5	0.90263	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
594698.04	4130781.5	0.83462	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
594718.04	4130781.5	0.76064	39.33	39.33	1.5	ANNUAL	SRCGP1	5	
594758.04	4130781.5	0.61977	39.1	39.1	1.5	ANNUAL	SRCGP1	5	
594778.04	4130781.5	0.56177	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
594798.04	4130781.5	0.51255	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
594818.04	4130781.5	0.47293	39.23	39.23	1.5	ANNUAL	SRCGP1	5	
594838.04	4130781.5	0.43938	38.93	38.93	1.5	ANNUAL	SRCGP1	5	
594858.04	4130781.5	0.41298	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594878.04	4130781.5	0.38873	39.16	39.16	1.5	ANNUAL	SRCGP1	5	
594898.04	4130781.5	0.36726	39.08	39.08	1.5	ANNUAL	SRCGP1	5	
594938.04	4130781.5	0.33052	39.07	39.07	1.5	ANNUAL	SRCGP1	5	
594958.04	4130781.5	0.31507	39.27	39.27	1.5	ANNUAL	SRCGP1	5	
594978.04	4130781.5	0.30145	39.64	39.64	1.5	ANNUAL	SRCGP1	5	
594998.04	4130781.5	0.28867	39.55	39.55	1.5	ANNUAL	SRCGP1	5	
595018.04	4130781.5	0.27734	39.56	39.56	1.5	ANNUAL	SRCGP1	5	
595038.04	4130781.5	0.26746	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
595058.04	4130781.5	0.25809	39.86	39.86	1.5	ANNUAL	SRCGP1	5	
595078.04	4130781.5	0.24941	39.77	39.77	1.5	ANNUAL	SRCGP1	5	
595118.04	4130781.5	0.23373	39.7	39.7	1.5	ANNUAL	SRCGP1	5	
595138.04	4130781.5	0.2264	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
595158.04	4130781.5	0.21937	39.54	39.54	1.5	ANNUAL	SRCGP1	5	
595198.04	4130781.5	0.206	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
595218.04	4130781.5	0.1996	39.42	39.42	1.5	ANNUAL	SRCGP1	5	
595238.04	4130781.5	0.19339	39.39	39.39	1.5	ANNUAL	SRCGP1	5	
595278.04	4130781.5	0.1815	39.29	39.29	1.5	ANNUAL	SRCGP1	5	
595298.04	4130781.5	0.17596	39.46	39.46	1.5	ANNUAL	SRCGP1	5	
595318.04	4130781.5	0.17037	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
595338.04	4130781.5	0.16494	38.89	38.89	1.5	ANNUAL	SRCGP1	5	
595378.04	4130781.5	0.15497	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
595398.04	4130781.5	0.15022	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595418.04	4130781.5	0.14561	38.53	38.53	1.5	ANNUAL	SRCGP1	5	
595438.04	4130781.5	0.14122	38.41	38.41	1.5	ANNUAL	SRCGP1	5	
595478.04	4130781.5	0.13323	38.72	38.72	1.5	ANNUAL	SRCGP1	5	
595498.04	4130781.5	0.12934	38.57	38.57	1.5	ANNUAL	SRCGP1	5	
595518.04	4130781.5	0.12572	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
595538.04	4130781.5	0.1222	38.71	38.71	1.5	ANNUAL	SRCGP1	5	
595578.04	4130781.5	0.11568	38.83	38.83	1.5	ANNUAL	SRCGP1	5	
595598.04	4130781.5	0.11258	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
595618.04	4130781.5	0.10967	39.01	39.01	1.5	ANNUAL	SRCGP1	5	
595638.04	4130781.5	0.10675	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
595658.04	4130781.5	0.10399	38.65	38.65	1.5	ANNUAL	SRCGP1	5	
595678.04	4130781.5	0.10146	38.91	38.91	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698.04	4130781.5	0.09892	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
595718.04	4130781.5	0.09651	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
595738.04	4130781.5	0.09426	39.01	39.01	1.5	ANNUAL	SRCGP1	5	
595758.04	4130781.5	0.09206	38.97	38.97	1.5	ANNUAL	SRCGP1	5	
595778.04	4130781.5	0.08992	38.92	38.92	1.5	ANNUAL	SRCGP1	5	
595798.04	4130781.5	0.08782	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
594318.04	4130801.5	0.84155	39.92	39.92	1.5	ANNUAL	SRCGP1	5	
594338.04	4130801.5	0.87245	39.89	39.89	1.5	ANNUAL	SRCGP1	5	
594358.04	4130801.5	0.90086	40	40	1.5	ANNUAL	SRCGP1	5	
594378.04	4130801.5	0.92414	39.86	39.86	1.5	ANNUAL	SRCGP1	5	
594398.04	4130801.5	0.94323	39.82	39.82	1.5	ANNUAL	SRCGP1	5	
594418.04	4130801.5	0.95805	39.94	39.94	1.5	ANNUAL	SRCGP1	5	
594438.04	4130801.5	0.96724	40.01	40.01	1.5	ANNUAL	SRCGP1	5	
594458.04	4130801.5	0.97052	39.95	39.95	1.5	ANNUAL	SRCGP1	5	
594478.04	4130801.5	0.96804	39.68	39.68	1.5	ANNUAL	SRCGP1	5	
594498.04	4130801.5	0.9654	39.9	39.9	1.5	ANNUAL	SRCGP1	5	
594518.04	4130801.5	0.95959	39.87	39.87	1.5	ANNUAL	SRCGP1	5	
594538.04	4130801.5	0.95353	39.84	39.84	1.5	ANNUAL	SRCGP1	5	
594558.04	4130801.5	0.9456	39.49	39.49	1.5	ANNUAL	SRCGP1	5	
594578.04	4130801.5	0.94047	39.68	39.68	1.5	ANNUAL	SRCGP1	5	
594598.04	4130801.5	0.93012	39.53	39.53	1.5	ANNUAL	SRCGP1	5	
594618.04	4130801.5	0.9148	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
594678.04	4130801.5	0.80491	39.69	39.69	1.5	ANNUAL	SRCGP1	5	
594698.04	4130801.5	0.74683	39.54	39.54	1.5	ANNUAL	SRCGP1	5	
594718.04	4130801.5	0.68344	39.28	39.28	1.5	ANNUAL	SRCGP1	5	
594758.04	4130801.5	0.56178	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
594778.04	4130801.5	0.51204	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
594798.04	4130801.5	0.46777	38.86	38.86	1.5	ANNUAL	SRCGP1	5	
594818.04	4130801.5	0.43252	38.87	38.87	1.5	ANNUAL	SRCGP1	5	
594838.04	4130801.5	0.40341	38.82	38.82	1.5	ANNUAL	SRCGP1	5	
594858.04	4130801.5	0.37948	38.97	38.97	1.5	ANNUAL	SRCGP1	5	
594878.04	4130801.5	0.35866	39.09	39.09	1.5	ANNUAL	SRCGP1	5	
594898.04	4130801.5	0.33934	38.85	38.85	1.5	ANNUAL	SRCGP1	5	
594938.04	4130801.5	0.30659	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
594958.04	4130801.5	0.29252	38.97	38.97	1.5	ANNUAL	SRCGP1	5	
594978.04	4130801.5	0.28003	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594998.04	4130801.5	0.26829	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
595018.04	4130801.5	0.25793	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
595038.04	4130801.5	0.24889	39.68	39.68	1.5	ANNUAL	SRCGP1	5	
595058.04	4130801.5	0.24045	39.78	39.78	1.5	ANNUAL	SRCGP1	5	
595078.04	4130801.5	0.23248	39.59	39.59	1.5	ANNUAL	SRCGP1	5	
595118.04	4130801.5	0.21869	39.79	39.79	1.5	ANNUAL	SRCGP1	5	
595138.04	4130801.5	0.21211	39.56	39.56	1.5	ANNUAL	SRCGP1	5	
595158.04	4130801.5	0.2058	39.3	39.3	1.5	ANNUAL	SRCGP1	5	
595198.04	4130801.5	0.19417	39.3	39.3	1.5	ANNUAL	SRCGP1	5	
595218.04	4130801.5	0.18864	39.38	39.38	1.5	ANNUAL	SRCGP1	5	
595238.04	4130801.5	0.18315	39.29	39.29	1.5	ANNUAL	SRCGP1	5	
595278.04	4130801.5	0.17268	39.29	39.29	1.5	ANNUAL	SRCGP1	5	
595298.04	4130801.5	0.16769	39.35	39.35	1.5	ANNUAL	SRCGP1	5	
595318.04	4130801.5	0.16272	39.17	39.17	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338.04	4130801.5	0.1578	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
595378.04	4130801.5	0.14872	38.71	38.71	1.5	ANNUAL	SRCGP1	5	
595398.04	4130801.5	0.14442	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
595418.04	4130801.5	0.14015	38.41	38.41	1.5	ANNUAL	SRCGP1	5	
595438.04	4130801.5	0.13609	38.28	38.28	1.5	ANNUAL	SRCGP1	5	
595478.04	4130801.5	0.1287	38.65	38.65	1.5	ANNUAL	SRCGP1	5	
595498.04	4130801.5	0.12502	38.36	38.36	1.5	ANNUAL	SRCGP1	5	
595518.04	4130801.5	0.12161	38.4	38.4	1.5	ANNUAL	SRCGP1	5	
595538.04	4130801.5	0.11835	38.51	38.51	1.5	ANNUAL	SRCGP1	5	
595578.04	4130801.5	0.11219	38.72	38.72	1.5	ANNUAL	SRCGP1	5	
595598.04	4130801.5	0.10924	38.69	38.69	1.5	ANNUAL	SRCGP1	5	
595618.04	4130801.5	0.10644	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
595638.04	4130801.5	0.10373	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
595658.04	4130801.5	0.10108	38.56	38.56	1.5	ANNUAL	SRCGP1	5	
595678.04	4130801.5	0.09865	38.81	38.81	1.5	ANNUAL	SRCGP1	5	
595698.04	4130801.5	0.09624	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
595718.04	4130801.5	0.0939	38.57	38.57	1.5	ANNUAL	SRCGP1	5	
595738.04	4130801.5	0.0917	38.66	38.66	1.5	ANNUAL	SRCGP1	5	
595758.04	4130801.5	0.08959	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
595778.04	4130801.5	0.08754	38.65	38.65	1.5	ANNUAL	SRCGP1	5	
595798.04	4130801.5	0.08548	38.27	38.27	1.5	ANNUAL	SRCGP1	5	
594318.04	4130821.5	0.79018	39.74	39.74	1.5	ANNUAL	SRCGP1	5	
594338.04	4130821.5	0.81445	39.88	39.88	1.5	ANNUAL	SRCGP1	5	
594358.04	4130821.5	0.83537	39.98	39.98	1.5	ANNUAL	SRCGP1	5	
594378.04	4130821.5	0.85088	39.72	39.72	1.5	ANNUAL	SRCGP1	5	
594398.04	4130821.5	0.86314	39.68	39.68	1.5	ANNUAL	SRCGP1	5	
594418.04	4130821.5	0.87243	39.94	39.94	1.5	ANNUAL	SRCGP1	5	
594438.04	4130821.5	0.87582	39.88	39.88	1.5	ANNUAL	SRCGP1	5	
594458.04	4130821.5	0.87479	39.72	39.72	1.5	ANNUAL	SRCGP1	5	
594478.04	4130821.5	0.87049	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
594498.04	4130821.5	0.86655	39.68	39.68	1.5	ANNUAL	SRCGP1	5	
594518.04	4130821.5	0.8609	39.62	39.62	1.5	ANNUAL	SRCGP1	5	
594538.04	4130821.5	0.85598	39.63	39.63	1.5	ANNUAL	SRCGP1	5	
594558.04	4130821.5	0.84981	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
594578.04	4130821.5	0.84471	39.45	39.45	1.5	ANNUAL	SRCGP1	5	
594598.04	4130821.5	0.83616	39.5	39.5	1.5	ANNUAL	SRCGP1	5	
594618.04	4130821.5	0.82083	39.41	39.41	1.5	ANNUAL	SRCGP1	5	
594678.04	4130821.5	0.72242	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
594698.04	4130821.5	0.67194	39.35	39.35	1.5	ANNUAL	SRCGP1	5	
594718.04	4130821.5	0.6175	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
594758.04	4130821.5	0.51188	38.74	38.74	1.5	ANNUAL	SRCGP1	5	
594778.04	4130821.5	0.46834	39.07	39.07	1.5	ANNUAL	SRCGP1	5	
594798.04	4130821.5	0.42955	38.82	38.82	1.5	ANNUAL	SRCGP1	5	
594818.04	4130821.5	0.39782	38.73	38.73	1.5	ANNUAL	SRCGP1	5	
594838.04	4130821.5	0.37171	38.65	38.65	1.5	ANNUAL	SRCGP1	5	
594858.04	4130821.5	0.35023	38.74	38.74	1.5	ANNUAL	SRCGP1	5	
594878.04	4130821.5	0.3314	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
594898.04	4130821.5	0.31462	38.63	38.63	1.5	ANNUAL	SRCGP1	5	
594938.04	4130821.5	0.28549	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
594958.04	4130821.5	0.2729	38.9	38.9	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978.04	4130821.5	0.26113	38.96	38.96	1.5	ANNUAL	SRCGP1	5	
594998.04	4130821.5	0.25049	39.06	39.06	1.5	ANNUAL	SRCGP1	5	
595018.04	4130821.5	0.24084	39.1	39.1	1.5	ANNUAL	SRCGP1	5	
595038.04	4130821.5	0.23235	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
595058.04	4130821.5	0.22457	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
595078.04	4130821.5	0.2174	39.48	39.48	1.5	ANNUAL	SRCGP1	5	
595118.04	4130821.5	0.20471	39.45	39.45	1.5	ANNUAL	SRCGP1	5	
595138.04	4130821.5	0.19893	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
595158.04	4130821.5	0.19336	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595198.04	4130821.5	0.18317	39.26	39.26	1.5	ANNUAL	SRCGP1	5	
595218.04	4130821.5	0.17828	39.27	39.27	1.5	ANNUAL	SRCGP1	5	
595238.04	4130821.5	0.17341	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
595278.04	4130821.5	0.16423	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
595298.04	4130821.5	0.15981	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
595318.04	4130821.5	0.15527	38.96	38.96	1.5	ANNUAL	SRCGP1	5	
595338.04	4130821.5	0.15095	38.81	38.81	1.5	ANNUAL	SRCGP1	5	
595378.04	4130821.5	0.1427	38.62	38.62	1.5	ANNUAL	SRCGP1	5	
595398.04	4130821.5	0.13882	38.65	38.65	1.5	ANNUAL	SRCGP1	5	
595418.04	4130821.5	0.13488	38.32	38.32	1.5	ANNUAL	SRCGP1	5	
595438.04	4130821.5	0.13118	38.23	38.23	1.5	ANNUAL	SRCGP1	5	
595478.04	4130821.5	0.12429	38.48	38.48	1.5	ANNUAL	SRCGP1	5	
595498.04	4130821.5	0.12092	38.3	38.3	1.5	ANNUAL	SRCGP1	5	
595518.04	4130821.5	0.11778	38.5	38.5	1.5	ANNUAL	SRCGP1	5	
595538.04	4130821.5	0.11466	38.37	38.37	1.5	ANNUAL	SRCGP1	5	
595558.04	4130821.5	0.1117	38.48	38.48	1.5	ANNUAL	SRCGP1	5	
595578.04	4130821.5	0.10889	38.71	38.71	1.5	ANNUAL	SRCGP1	5	
595598.04	4130821.5	0.10611	38.64	38.64	1.5	ANNUAL	SRCGP1	5	
595618.04	4130821.5	0.10347	38.83	38.83	1.5	ANNUAL	SRCGP1	5	
595638.04	4130821.5	0.10084	38.56	38.56	1.5	ANNUAL	SRCGP1	5	
595658.04	4130821.5	0.09833	38.44	38.44	1.5	ANNUAL	SRCGP1	5	
595678.04	4130821.5	0.09604	38.82	38.82	1.5	ANNUAL	SRCGP1	5	
595698.04	4130821.5	0.0937	38.6	38.6	1.5	ANNUAL	SRCGP1	5	
595718.04	4130821.5	0.0915	38.64	38.64	1.5	ANNUAL	SRCGP1	5	
595738.04	4130821.5	0.08937	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
595758.04	4130821.5	0.08732	38.6	38.6	1.5	ANNUAL	SRCGP1	5	
595778.04	4130821.5	0.08537	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
595798.04	4130821.5	0.08337	38.14	38.14	1.5	ANNUAL	SRCGP1	5	
594318.04	4130841.5	0.73987	39.6	39.6	1.5	ANNUAL	SRCGP1	5	
594338.04	4130841.5	0.7581	39.76	39.76	1.5	ANNUAL	SRCGP1	5	
594358.04	4130841.5	0.77226	39.67	39.67	1.5	ANNUAL	SRCGP1	5	
594378.04	4130841.5	0.78281	39.56	39.56	1.5	ANNUAL	SRCGP1	5	
594398.04	4130841.5	0.79021	39.58	39.58	1.5	ANNUAL	SRCGP1	5	
594418.04	4130841.5	0.79688	40.3	40.3	1.5	ANNUAL	SRCGP1	5	
594438.04	4130841.5	0.79482	39.73	39.73	1.5	ANNUAL	SRCGP1	5	
594458.04	4130841.5	0.79139	39.52	39.52	1.5	ANNUAL	SRCGP1	5	
594478.04	4130841.5	0.7863	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
594498.04	4130841.5	0.78353	39.78	39.78	1.5	ANNUAL	SRCGP1	5	
594518.04	4130841.5	0.77742	39.46	39.46	1.5	ANNUAL	SRCGP1	5	
594538.04	4130841.5	0.77346	39.47	39.47	1.5	ANNUAL	SRCGP1	5	
594558.04	4130841.5	0.76829	39.21	39.21	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594578.04	4130841.5	0.76385	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
594598.04	4130841.5	0.75612	39.48	39.48	1.5	ANNUAL	SRCGP1	5	
594618.04	4130841.5	0.74195	39.46	39.46	1.5	ANNUAL	SRCGP1	5	
594678.04	4130841.5	0.6514	39.13	39.13	1.5	ANNUAL	SRCGP1	5	
594698.04	4130841.5	0.60816	39.19	39.19	1.5	ANNUAL	SRCGP1	5	
594718.04	4130841.5	0.5597	38.74	38.74	1.5	ANNUAL	SRCGP1	5	
594758.04	4130841.5	0.46909	38.73	38.73	1.5	ANNUAL	SRCGP1	5	
594778.04	4130841.5	0.42993	38.81	38.81	1.5	ANNUAL	SRCGP1	5	
594798.04	4130841.5	0.39601	38.78	38.78	1.5	ANNUAL	SRCGP1	5	
594818.04	4130841.5	0.36802	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
594838.04	4130841.5	0.34383	38.52	38.52	1.5	ANNUAL	SRCGP1	5	
594858.04	4130841.5	0.32451	38.6	38.6	1.5	ANNUAL	SRCGP1	5	
594878.04	4130841.5	0.30756	38.48	38.48	1.5	ANNUAL	SRCGP1	5	
594898.04	4130841.5	0.2929	38.59	38.59	1.5	ANNUAL	SRCGP1	5	
594938.04	4130841.5	0.2667	38.54	38.54	1.5	ANNUAL	SRCGP1	5	
594958.04	4130841.5	0.25535	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
594978.04	4130841.5	0.24463	38.85	38.85	1.5	ANNUAL	SRCGP1	5	
594998.04	4130841.5	0.2347	38.86	38.86	1.5	ANNUAL	SRCGP1	5	
595018.04	4130841.5	0.22578	38.97	38.97	1.5	ANNUAL	SRCGP1	5	
595038.04	4130841.5	0.21795	39.33	39.33	1.5	ANNUAL	SRCGP1	5	
595058.04	4130841.5	0.21066	39.44	39.44	1.5	ANNUAL	SRCGP1	5	
595078.04	4130841.5	0.20393	39.38	39.38	1.5	ANNUAL	SRCGP1	5	
595118.04	4130841.5	0.19229	39.44	39.44	1.5	ANNUAL	SRCGP1	5	
595138.04	4130841.5	0.18687	39.12	39.12	1.5	ANNUAL	SRCGP1	5	
595158.04	4130841.5	0.18202	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595198.04	4130841.5	0.17301	39.37	39.37	1.5	ANNUAL	SRCGP1	5	
595218.04	4130841.5	0.16854	39.14	39.14	1.5	ANNUAL	SRCGP1	5	
595238.04	4130841.5	0.1643	39.11	39.11	1.5	ANNUAL	SRCGP1	5	
595278.04	4130841.5	0.15617	39.16	39.16	1.5	ANNUAL	SRCGP1	5	
595298.04	4130841.5	0.15225	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
595318.04	4130841.5	0.14821	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
595338.04	4130841.5	0.14435	38.79	38.79	1.5	ANNUAL	SRCGP1	5	
595378.04	4130841.5	0.13697	38.69	38.69	1.5	ANNUAL	SRCGP1	5	
595398.04	4130841.5	0.13339	38.63	38.63	1.5	ANNUAL	SRCGP1	5	
595418.04	4130841.5	0.1298	38.28	38.28	1.5	ANNUAL	SRCGP1	5	
595438.04	4130841.5	0.12644	38.26	38.26	1.5	ANNUAL	SRCGP1	5	
595478.04	4130841.5	0.12009	38.48	38.48	1.5	ANNUAL	SRCGP1	5	
595498.04	4130841.5	0.11696	38.33	38.33	1.5	ANNUAL	SRCGP1	5	
595518.04	4130841.5	0.11397	38.29	38.29	1.5	ANNUAL	SRCGP1	5	
595538.04	4130841.5	0.11109	38.3	38.3	1.5	ANNUAL	SRCGP1	5	
595558.04	4130841.5	0.10831	38.28	38.28	1.5	ANNUAL	SRCGP1	5	
595578.04	4130841.5	0.10568	38.54	38.54	1.5	ANNUAL	SRCGP1	5	
595598.04	4130841.5	0.10305	38.45	38.45	1.5	ANNUAL	SRCGP1	5	
595618.04	4130841.5	0.10056	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
595638.04	4130841.5	0.09811	38.52	38.52	1.5	ANNUAL	SRCGP1	5	
595658.04	4130841.5	0.09572	38.38	38.38	1.5	ANNUAL	SRCGP1	5	
595678.04	4130841.5	0.09352	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
595698.04	4130841.5	0.0913	38.55	38.55	1.5	ANNUAL	SRCGP1	5	
595718.04	4130841.5	0.0892	38.56	38.56	1.5	ANNUAL	SRCGP1	5	
595738.04	4130841.5	0.08716	38.63	38.63	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595758.04	4130841.5	0.08518	38.55	38.55	1.5	ANNUAL	SRCGP1	5	
595778.04	4130841.5	0.08329	38.52	38.52	1.5	ANNUAL	SRCGP1	5	
595798.04	4130841.5	0.08136	37.98	37.98	1.5	ANNUAL	SRCGP1	5	
594318.04	4130861.5	0.69165	39.56	39.56	1.5	ANNUAL	SRCGP1	5	
594338.04	4130861.5	0.70457	39.62	39.62	1.5	ANNUAL	SRCGP1	5	
594358.04	4130861.5	0.71434	39.61	39.61	1.5	ANNUAL	SRCGP1	5	
594378.04	4130861.5	0.72043	39.45	39.45	1.5	ANNUAL	SRCGP1	5	
594398.04	4130861.5	0.72423	39.51	39.51	1.5	ANNUAL	SRCGP1	5	
594418.04	4130861.5	0.72611	39.82	39.82	1.5	ANNUAL	SRCGP1	5	
594438.04	4130861.5	0.72382	39.7	39.7	1.5	ANNUAL	SRCGP1	5	
594458.04	4130861.5	0.71883	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
594478.04	4130861.5	0.71387	39.24	39.24	1.5	ANNUAL	SRCGP1	5	
594498.04	4130861.5	0.71169	39.77	39.77	1.5	ANNUAL	SRCGP1	5	
594518.04	4130861.5	0.70643	39.41	39.41	1.5	ANNUAL	SRCGP1	5	
594538.04	4130861.5	0.70213	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
594558.04	4130861.5	0.69872	39.12	39.12	1.5	ANNUAL	SRCGP1	5	
594578.04	4130861.5	0.69439	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
594598.04	4130861.5	0.68699	39.39	39.39	1.5	ANNUAL	SRCGP1	5	
594618.04	4130861.5	0.67339	39.33	39.33	1.5	ANNUAL	SRCGP1	5	
594678.04	4130861.5	0.59088	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
594698.04	4130861.5	0.55292	38.93	38.93	1.5	ANNUAL	SRCGP1	5	
594718.04	4130861.5	0.51204	38.93	38.93	1.5	ANNUAL	SRCGP1	5	
594758.04	4130861.5	0.43151	38.68	38.68	1.5	ANNUAL	SRCGP1	5	
594778.04	4130861.5	0.39687	38.8	38.8	1.5	ANNUAL	SRCGP1	5	
594798.04	4130861.5	0.36635	38.7	38.7	1.5	ANNUAL	SRCGP1	5	
594818.04	4130861.5	0.34084	38.67	38.67	1.5	ANNUAL	SRCGP1	5	
594838.04	4130861.5	0.31917	38.41	38.41	1.5	ANNUAL	SRCGP1	5	
594858.04	4130861.5	0.30186	38.58	38.58	1.5	ANNUAL	SRCGP1	5	
594878.04	4130861.5	0.28646	38.39	38.39	1.5	ANNUAL	SRCGP1	5	
594898.04	4130861.5	0.27325	38.44	38.44	1.5	ANNUAL	SRCGP1	5	
594938.04	4130861.5	0.24973	38.34	38.34	1.5	ANNUAL	SRCGP1	5	
594958.04	4130861.5	0.23957	38.63	38.63	1.5	ANNUAL	SRCGP1	5	
594978.04	4130861.5	0.22993	38.82	38.82	1.5	ANNUAL	SRCGP1	5	
594998.04	4130861.5	0.22071	38.75	38.75	1.5	ANNUAL	SRCGP1	5	
595018.04	4130861.5	0.21232	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
595038.04	4130861.5	0.20486	38.98	38.98	1.5	ANNUAL	SRCGP1	5	
595058.04	4130861.5	0.19808	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595078.04	4130861.5	0.19181	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
595118.04	4130861.5	0.18096	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
595138.04	4130861.5	0.17605	39.08	39.08	1.5	ANNUAL	SRCGP1	5	
595158.04	4130861.5	0.17155	39.02	39.02	1.5	ANNUAL	SRCGP1	5	
595198.04	4130861.5	0.1634	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
595238.04	4130861.5	0.15562	38.84	38.84	1.5	ANNUAL	SRCGP1	5	
595278.04	4130861.5	0.14845	38.98	38.98	1.5	ANNUAL	SRCGP1	5	
595298.04	4130861.5	0.14488	38.83	38.83	1.5	ANNUAL	SRCGP1	5	
595318.04	4130861.5	0.14138	38.73	38.73	1.5	ANNUAL	SRCGP1	5	
595338.04	4130861.5	0.13795	38.64	38.64	1.5	ANNUAL	SRCGP1	5	
595378.04	4130861.5	0.13127	38.43	38.43	1.5	ANNUAL	SRCGP1	5	
595398.04	4130861.5	0.12806	38.42	38.42	1.5	ANNUAL	SRCGP1	5	
595418.04	4130861.5	0.1248	38.07	38.07	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595438.04	4130861.5	0.12177	38.17	38.17	1.5	ANNUAL	SRCGP1	5	
595478.04	4130861.5	0.11591	38.2	38.2	1.5	ANNUAL	SRCGP1	5	
595498.04	4130861.5	0.11308	38.25	38.25	1.5	ANNUAL	SRCGP1	5	
595518.04	4130861.5	0.11032	38.21	38.21	1.5	ANNUAL	SRCGP1	5	
595538.04	4130861.5	0.10757	38.05	38.05	1.5	ANNUAL	SRCGP1	5	
595558.04	4130861.5	0.10505	38.23	38.23	1.5	ANNUAL	SRCGP1	5	
595578.04	4130861.5	0.10261	38.56	38.56	1.5	ANNUAL	SRCGP1	5	
595598.04	4130861.5	0.10017	38.58	38.58	1.5	ANNUAL	SRCGP1	5	
595618.04	4130861.5	0.09777	38.46	38.46	1.5	ANNUAL	SRCGP1	5	
595638.04	4130861.5	0.09545	38.4	38.4	1.5	ANNUAL	SRCGP1	5	
595658.04	4130861.5	0.09321	38.36	38.36	1.5	ANNUAL	SRCGP1	5	
595678.04	4130861.5	0.09111	38.59	38.59	1.5	ANNUAL	SRCGP1	5	
595698.04	4130861.5	0.08899	38.44	38.44	1.5	ANNUAL	SRCGP1	5	
595718.04	4130861.5	0.08702	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
595738.04	4130861.5	0.08506	38.59	38.59	1.5	ANNUAL	SRCGP1	5	
595758.04	4130861.5	0.08317	38.56	38.56	1.5	ANNUAL	SRCGP1	5	
595778.04	4130861.5	0.08135	38.55	38.55	1.5	ANNUAL	SRCGP1	5	
595798.04	4130861.5	0.07952	38.11	38.11	1.5	ANNUAL	SRCGP1	5	
594318.04	4130881.5	0.64516	39.36	39.36	1.5	ANNUAL	SRCGP1	5	
594338.04	4130881.5	0.65398	39.38	39.38	1.5	ANNUAL	SRCGP1	5	
594358.04	4130881.5	0.65987	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594378.04	4130881.5	0.66315	39.26	39.26	1.5	ANNUAL	SRCGP1	5	
594398.04	4130881.5	0.66391	39.22	39.22	1.5	ANNUAL	SRCGP1	5	
594418.04	4130881.5	0.66303	39.34	39.34	1.5	ANNUAL	SRCGP1	5	
594438.04	4130881.5	0.65975	39.27	39.27	1.5	ANNUAL	SRCGP1	5	
594458.04	4130881.5	0.65505	39.09	39.09	1.5	ANNUAL	SRCGP1	5	
594478.04	4130881.5	0.65056	39.01	39.01	1.5	ANNUAL	SRCGP1	5	
594498.04	4130881.5	0.64803	39.31	39.31	1.5	ANNUAL	SRCGP1	5	
594518.04	4130881.5	0.64443	39.15	39.15	1.5	ANNUAL	SRCGP1	5	
594538.04	4130881.5	0.64134	39	39	1.5	ANNUAL	SRCGP1	5	
594558.04	4130881.5	0.63863	39.04	39.04	1.5	ANNUAL	SRCGP1	5	
594578.04	4130881.5	0.63486	39.25	39.25	1.5	ANNUAL	SRCGP1	5	
594598.04	4130881.5	0.62564	38.91	38.91	1.5	ANNUAL	SRCGP1	5	
594618.04	4130881.5	0.61393	39.17	39.17	1.5	ANNUAL	SRCGP1	5	
594678.04	4130881.5	0.53978	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
594698.04	4130881.5	0.50465	38.54	38.54	1.5	ANNUAL	SRCGP1	5	
594718.04	4130881.5	0.46859	38.52	38.52	1.5	ANNUAL	SRCGP1	5	
594758.04	4130881.5	0.39791	38.42	38.42	1.5	ANNUAL	SRCGP1	5	
594778.04	4130881.5	0.3668	38.43	38.43	1.5	ANNUAL	SRCGP1	5	
594798.04	4130881.5	0.33963	38.42	38.42	1.5	ANNUAL	SRCGP1	5	
594818.04	4130881.5	0.31629	38.25	38.25	1.5	ANNUAL	SRCGP1	5	
594838.04	4130881.5	0.29704	38.21	38.21	1.5	ANNUAL	SRCGP1	5	
594858.04	4130881.5	0.28097	38.18	38.18	1.5	ANNUAL	SRCGP1	5	
594878.04	4130881.5	0.26719	38.08	38.08	1.5	ANNUAL	SRCGP1	5	
594898.04	4130881.5	0.2553	38.12	38.12	1.5	ANNUAL	SRCGP1	5	
594938.04	4130881.5	0.2344	38.14	38.14	1.5	ANNUAL	SRCGP1	5	
594958.04	4130881.5	0.2251	38.3	38.3	1.5	ANNUAL	SRCGP1	5	
594978.04	4130881.5	0.2163	38.42	38.42	1.5	ANNUAL	SRCGP1	5	
595038.04	4130881.5	0.19326	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
595058.04	4130881.5	0.18673	38.77	38.77	1.5	ANNUAL	SRCGP1	5	

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595078.04	4130881.5	0.1809	38.89	38.89	1.5	ANNUAL	SRCGP1	5	
595098.04	4130881.5	0.17557	38.96	38.96	1.5	ANNUAL	SRCGP1	5	
595118.04	4130881.5	0.1707	39	39	1.5	ANNUAL	SRCGP1	5	
595138.04	4130881.5	0.16615	38.88	38.88	1.5	ANNUAL	SRCGP1	5	
595158.04	4130881.5	0.16195	38.77	38.77	1.5	ANNUAL	SRCGP1	5	
595178.04	4130881.5	0.15799	38.61	38.61	1.5	ANNUAL	SRCGP1	5	
594658.04	4130981.5	0.3809	38.34	38.34	1.5	ANNUAL	SRCGP1	5	

CONCUNIT /m^3

DEPUNIT g/ ^2

AERMOD (91): C:\Lak ERMOD Vi CC FMP_cc st\SJCC FM P_const .isc 1/6/2021
AERMET (91): 19:19:56
MODELING IONS USED gDFAULT (ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF AN VALUES AV GED ACRO 5 YEARS FOR SO URCE GRO UP: SRCGP5
FOR A TOTAL O 1 RECEPTORS.
FORM AT: (3(1X,F),3(1X,F8.2 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.9	4130189	0.08857	46.81	46.81	1.5	ANNUAL	SRCGP5	5	
594481.9	4130189	0.09225	46.84	46.84	1.5	ANNUAL	SRCGP5	5	
594501.9	4130189	0.09625	46.82	46.82	1.5	ANNUAL	SRCGP5	5	
594521.9	4130189	0.10063	46.7	46.7	1.5	ANNUAL	SRCGP5	5	
594541.9	4130189	0.10531	46.61	46.61	1.5	ANNUAL	SRCGP5	5	
594561.9	4130189	0.11042	46.45	46.45	1.5	ANNUAL	SRCGP5	5	
594421.9	4130209	0.08973	46.02	46.02	1.5	ANNUAL	SRCGP5	5	
594441.9	4130209	0.09352	46.01	46.01	1.5	ANNUAL	SRCGP5	5	
594461.9	4130209	0.09551	46.26	46.26	1.5	ANNUAL	SRCGP5	5	
594481.9	4130209	0.09967	46.32	46.32	1.5	ANNUAL	SRCGP5	5	
594501.9	4130209	0.10375	46.8	46.8	1.5	ANNUAL	SRCGP5	5	
594521.9	4130209	0.10857	46.82	46.82	1.5	ANNUAL	SRCGP5	5	
594541.9	4130209	0.11377	46.85	46.85	1.5	ANNUAL	SRCGP5	5	
594561.9	4130209	0.11961	46.7	46.7	1.5	ANNUAL	SRCGP5	5	
594581.9	4130209	0.1293	45.96	45.96	1.5	ANNUAL	SRCGP5	5	
594421.9	4130229	0.09598	46.01	46.01	1.5	ANNUAL	SRCGP5	5	
594441.9	4130229	0.10023	46.01	46.01	1.5	ANNUAL	SRCGP5	5	
594461.9	4130229	0.10479	46.01	46.01	1.5	ANNUAL	SRCGP5	5	
594481.9	4130229	0.10755	46.18	46.18	1.5	ANNUAL	SRCGP5	5	
594501.9	4130229	0.11244	46.42	46.42	1.5	ANNUAL	SRCGP5	5	
594521.9	4130229	0.11778	46.6	46.6	1.5	ANNUAL	SRCGP5	5	
594541.9	4130229	0.12359	46.75	46.75	1.5	ANNUAL	SRCGP5	5	
594561.9	4130229	0.1308	46.19	46.19	1.5	ANNUAL	SRCGP5	5	
594581.9	4130229	0.14144	45.57	45.57	1.5	ANNUAL	SRCGP5	5	
594421.9	4130249	0.10285	45.94	45.94	1.5	ANNUAL	SRCGP5	5	
594441.9	4130249	0.1076	45.94	45.94	1.5	ANNUAL	SRCGP5	5	
594461.9	4130249	0.11274	45.94	45.94	1.5	ANNUAL	SRCGP5	5	
594481.9	4130249	0.11828	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594501.9	4130249	0.12424	46.08	46.08	1.5	ANNUAL	SRCGP5	5	
594521.9	4130249	0.12833	46.15	46.15	1.5	ANNUAL	SRCGP5	5	
594561.9	4130249	0.14624	45.4	45.4	1.5	ANNUAL	SRCGP5	5	
594581.9	4130249	0.15516	45	45	1.5	ANNUAL	SRCGP5	5	
594421.9	4130269	0.11034	45.9	45.9	1.5	ANNUAL	SRCGP5	5	
594441.9	4130269	0.11567	45.93	45.93	1.5	ANNUAL	SRCGP5	5	
594461.9	4130269	0.12147	45.92	45.92	1.5	ANNUAL	SRCGP5	5	
594421.9	4130289	0.11846	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594441.9	4130289	0.12448	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594461.9	4130289	0.13103	45.95	45.95	1.5	ANNUAL	SRCGP5	5	
594421.9	4130309	0.12734	46	46	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594441.9	4130309	0.1341	46.04	46.04	1.5	ANNUAL	SRCGP5	5	
594461.9	4130309	0.14154	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594361.9	4130489	0.20907	42.59	42.59	1.5	ANNUAL	SRCGP5	5	
594381.9	4130489	0.22428	42.59	42.59	1.5	ANNUAL	SRCGP5	5	
594401.9	4130489	0.24139	42.5	42.5	1.5	ANNUAL	SRCGP5	5	
594261.2	4129770	0.02259	47.77	47.77	1.5	ANNUAL	SRCGP5	5	
594281.4	4129770	0.02265	47.78	47.78	1.5	ANNUAL	SRCGP5	5	
594301.7	4129770	0.0227	47.68	47.68	1.5	ANNUAL	SRCGP5	5	
594321.9	4129770	0.02274	47.73	47.73	1.5	ANNUAL	SRCGP5	5	
594342.1	4129770	0.02279	47.62	47.62	1.5	ANNUAL	SRCGP5	5	
594362.3	4129770	0.02285	47.63	47.63	1.5	ANNUAL	SRCGP5	5	
594382.5	4129770	0.02292	47.58	47.58	1.5	ANNUAL	SRCGP5	5	
594402.8	4129770	0.02306	47.37	47.37	1.5	ANNUAL	SRCGP5	5	
594423	4129770	0.0232	47.36	47.36	1.5	ANNUAL	SRCGP5	5	
594443.2	4129770	0.02342	47.21	47.21	1.5	ANNUAL	SRCGP5	5	
594261.2	4129790	0.02374	47.73	47.73	1.5	ANNUAL	SRCGP5	5	
594281.4	4129790	0.02385	47.63	47.63	1.5	ANNUAL	SRCGP5	5	
594301.7	4129790	0.02393	47.64	47.64	1.5	ANNUAL	SRCGP5	5	
594321.9	4129790	0.02398	47.78	47.78	1.5	ANNUAL	SRCGP5	5	
594342.1	4129790	0.02401	47.98	47.98	1.5	ANNUAL	SRCGP5	5	
594362.3	4129790	0.02414	47.46	47.46	1.5	ANNUAL	SRCGP5	5	
594382.5	4129790	0.02422	47.4	47.4	1.5	ANNUAL	SRCGP5	5	
594402.8	4129790	0.02435	47.22	47.22	1.5	ANNUAL	SRCGP5	5	
594423	4129790	0.02449	47.19	47.19	1.5	ANNUAL	SRCGP5	5	
594443.2	4129790	0.02465	47.21	47.21	1.5	ANNUAL	SRCGP5	5	
594261.2	4129810	0.02494	47.82	47.82	1.5	ANNUAL	SRCGP5	5	
594281.4	4129810	0.02507	47.95	47.95	1.5	ANNUAL	SRCGP5	5	
594301.7	4129810	0.0252	47.8	47.8	1.5	ANNUAL	SRCGP5	5	
594321.9	4129810	0.0253	47.74	47.74	1.5	ANNUAL	SRCGP5	5	
594342.1	4129810	0.02538	47.82	47.82	1.5	ANNUAL	SRCGP5	5	
594362.3	4129810	0.02554	47.28	47.28	1.5	ANNUAL	SRCGP5	5	
594382.5	4129810	0.0256	47.48	47.48	1.5	ANNUAL	SRCGP5	5	
594402.8	4129810	0.02574	47.26	47.26	1.5	ANNUAL	SRCGP5	5	
594423	4129810	0.02582	47.45	47.45	1.5	ANNUAL	SRCGP5	5	
594443.2	4129810	0.02603	47.19	47.19	1.5	ANNUAL	SRCGP5	5	
594261.2	4129850	0.0275	47.39	47.39	1.5	ANNUAL	SRCGP5	5	
594281.4	4129850	0.02775	47.5	47.5	1.5	ANNUAL	SRCGP5	5	
594301.7	4129850	0.02797	47.62	47.62	1.5	ANNUAL	SRCGP5	5	
594321.9	4129850	0.02818	47.72	47.72	1.5	ANNUAL	SRCGP5	5	
594342.1	4129850	0.02837	47.64	47.64	1.5	ANNUAL	SRCGP5	5	
594362.3	4129850	0.02859	47.3	47.3	1.5	ANNUAL	SRCGP5	5	
594382.5	4129850	0.02875	47.25	47.25	1.5	ANNUAL	SRCGP5	5	
594402.8	4129850	0.02894	47.02	47.02	1.5	ANNUAL	SRCGP5	5	
594423	4129850	0.02909	47.06	47.06	1.5	ANNUAL	SRCGP5	5	
594443.2	4129850	0.02927	47.02	47.02	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594463.4	4129850	0.02948	46.96	46.96	1.5	ANNUAL	SRCGP5	5	
594483.6	4129850	0.02972	46.99	46.99	1.5	ANNUAL	SRCGP5	5	
594503.9	4129850	0.03003	46.95	46.95	1.5	ANNUAL	SRCGP5	5	
594524.1	4129850	0.03041	47	47	1.5	ANNUAL	SRCGP5	5	
594544.3	4129850	0.03088	47.1	47.1	1.5	ANNUAL	SRCGP5	5	
594564.5	4129850	0.03151	47.14	47.14	1.5	ANNUAL	SRCGP5	5	
594584.7	4129850	0.03229	47.25	47.25	1.5	ANNUAL	SRCGP5	5	
594605	4129850	0.03328	47.31	47.31	1.5	ANNUAL	SRCGP5	5	
594625.2	4129850	0.0345	47.4	47.4	1.5	ANNUAL	SRCGP5	5	
594261.2	4129870	0.02882	47.43	47.43	1.5	ANNUAL	SRCGP5	5	
594281.4	4129870	0.02916	47.21	47.21	1.5	ANNUAL	SRCGP5	5	
594301.7	4129870	0.02944	47.6	47.6	1.5	ANNUAL	SRCGP5	5	
594321.9	4129870	0.02974	47.4	47.4	1.5	ANNUAL	SRCGP5	5	
594342.1	4129870	0.02999	47.54	47.54	1.5	ANNUAL	SRCGP5	5	
594362.3	4129870	0.03023	47.44	47.44	1.5	ANNUAL	SRCGP5	5	
594382.5	4129870	0.03048	47.21	47.21	1.5	ANNUAL	SRCGP5	5	
594402.8	4129870	0.03071	47.06	47.06	1.5	ANNUAL	SRCGP5	5	
594423	4129870	0.03091	47.03	47.03	1.5	ANNUAL	SRCGP5	5	
594443.2	4129870	0.03114	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594463.4	4129870	0.03135	46.93	46.93	1.5	ANNUAL	SRCGP5	5	
594483.6	4129870	0.0316	46.92	46.92	1.5	ANNUAL	SRCGP5	5	
594503.9	4129870	0.03189	46.94	46.94	1.5	ANNUAL	SRCGP5	5	
594524.1	4129870	0.03225	46.98	46.98	1.5	ANNUAL	SRCGP5	5	
594544.3	4129870	0.03271	47	47	1.5	ANNUAL	SRCGP5	5	
594564.5	4129870	0.03329	47.08	47.08	1.5	ANNUAL	SRCGP5	5	
594584.7	4129870	0.03401	47.18	47.18	1.5	ANNUAL	SRCGP5	5	
594605	4129870	0.03495	47.27	47.27	1.5	ANNUAL	SRCGP5	5	
594625.2	4129870	0.0362	47.16	47.16	1.5	ANNUAL	SRCGP5	5	
594261.2	4129890	0.0302	47.16	47.16	1.5	ANNUAL	SRCGP5	5	
594281.4	4129890	0.03061	47.13	47.13	1.5	ANNUAL	SRCGP5	5	
594301.7	4129890	0.03099	47.25	47.25	1.5	ANNUAL	SRCGP5	5	
594321.9	4129890	0.03137	47.06	47.06	1.5	ANNUAL	SRCGP5	5	
594342.1	4129890	0.03171	47.1	47.1	1.5	ANNUAL	SRCGP5	5	
594362.3	4129890	0.03203	47.13	47.13	1.5	ANNUAL	SRCGP5	5	
594382.5	4129890	0.03233	47.05	47.05	1.5	ANNUAL	SRCGP5	5	
594402.8	4129890	0.03262	47	47	1.5	ANNUAL	SRCGP5	5	
594423	4129890	0.03288	46.99	46.99	1.5	ANNUAL	SRCGP5	5	
594443.2	4129890	0.03317	46.79	46.79	1.5	ANNUAL	SRCGP5	5	
594463.4	4129890	0.03344	46.73	46.73	1.5	ANNUAL	SRCGP5	5	
594483.6	4129890	0.0337	46.79	46.79	1.5	ANNUAL	SRCGP5	5	
594503.9	4129890	0.03402	46.75	46.75	1.5	ANNUAL	SRCGP5	5	
594524.1	4129890	0.03434	46.9	46.9	1.5	ANNUAL	SRCGP5	5	
594544.3	4129890	0.03479	46.89	46.89	1.5	ANNUAL	SRCGP5	5	
594564.5	4129890	0.0353	47.07	47.07	1.5	ANNUAL	SRCGP5	5	
594584.7	4129890	0.03591	47.34	47.34	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594301.7	4129930	0.0342	47.08	47.08	1.5	ANNUAL	SRCGP5	5	
594321.9	4129930	0.03474	47.08	47.08	1.5	ANNUAL	SRCGP5	5	
594342.1	4129930	0.03526	47.21	47.21	1.5	ANNUAL	SRCGP5	5	
594362.3	4129930	0.0358	47.03	47.03	1.5	ANNUAL	SRCGP5	5	
594423	4129930	0.03722	46.87	46.87	1.5	ANNUAL	SRCGP5	5	
594443.2	4129930	0.03765	46.84	46.84	1.5	ANNUAL	SRCGP5	5	
594301.7	4129950	0.03587	47.11	47.11	1.5	ANNUAL	SRCGP5	5	
594321.9	4129950	0.03653	47.07	47.07	1.5	ANNUAL	SRCGP5	5	
594342.1	4129950	0.03716	47.14	47.14	1.5	ANNUAL	SRCGP5	5	
594362.3	4129950	0.0378	47.01	47.01	1.5	ANNUAL	SRCGP5	5	
594402.8	4129950	0.03902	46.87	46.87	1.5	ANNUAL	SRCGP5	5	
594423	4129950	0.03959	46.83	46.83	1.5	ANNUAL	SRCGP5	5	
594443.2	4129950	0.04013	46.82	46.82	1.5	ANNUAL	SRCGP5	5	
594463.4	4129950	0.04063	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594402.8	4129970	0.04137	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594423	4129970	0.04208	46.81	46.81	1.5	ANNUAL	SRCGP5	5	
594443.2	4129970	0.04275	46.87	46.87	1.5	ANNUAL	SRCGP5	5	
594463.4	4129970	0.0434	46.91	46.91	1.5	ANNUAL	SRCGP5	5	
594261.2	4129990	0.03782	46.96	46.96	1.5	ANNUAL	SRCGP5	5	
594281.4	4129990	0.03866	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594301.7	4129990	0.03952	46.76	46.76	1.5	ANNUAL	SRCGP5	5	
594321.9	4129990	0.04037	46.79	46.79	1.5	ANNUAL	SRCGP5	5	
594342.1	4129990	0.04127	46.63	46.63	1.5	ANNUAL	SRCGP5	5	
594362.3	4129990	0.04216	46.54	46.54	1.5	ANNUAL	SRCGP5	5	
594423	4129990	0.0447	46.79	46.79	1.5	ANNUAL	SRCGP5	5	
594443.2	4129990	0.04554	46.8	46.8	1.5	ANNUAL	SRCGP5	5	
594463.4	4129990	0.04635	46.86	46.86	1.5	ANNUAL	SRCGP5	5	
594342.1	4130010	0.04346	46.52	46.52	1.5	ANNUAL	SRCGP5	5	
594362.3	4130010	0.04446	46.52	46.52	1.5	ANNUAL	SRCGP5	5	
594382.5	4130010	0.0455	46.4	46.4	1.5	ANNUAL	SRCGP5	5	
594423	4130010	0.04757	46.3	46.3	1.5	ANNUAL	SRCGP5	5	
594342.1	4130030	0.04657	46.06	46.06	1.5	ANNUAL	SRCGP5	5	
594362.3	4130030	0.04768	46.03	46.03	1.5	ANNUAL	SRCGP5	5	
594382.5	4130030	0.0488	46.1	46.1	1.5	ANNUAL	SRCGP5	5	
594423	4130030	0.05054	46.15	46.15	1.5	ANNUAL	SRCGP5	5	
594321.9	4130050	0.04795	46.11	46.11	1.5	ANNUAL	SRCGP5	5	
594342.1	4130050	0.04916	46.08	46.08	1.5	ANNUAL	SRCGP5	5	
594362.3	4130050	0.05042	46.02	46.02	1.5	ANNUAL	SRCGP5	5	
594382.5	4130050	0.05169	46.14	46.14	1.5	ANNUAL	SRCGP5	5	
594423	4130050	0.0536	46.25	46.25	1.5	ANNUAL	SRCGP5	5	
594443.2	4130050	0.055	46.34	46.34	1.5	ANNUAL	SRCGP5	5	
594463.4	4130050	0.05644	46.36	46.36	1.5	ANNUAL	SRCGP5	5	
594443.2	4130090	0.06345	45.91	45.91	1.5	ANNUAL	SRCGP5	5	
594463.4	4130090	0.06535	46.05	46.05	1.5	ANNUAL	SRCGP5	5	
594321.9	4130110	0.05498	46.22	46.22	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594342.1	4130110	0.05667	46.15	46.15	1.5	ANNUAL	SRCGP5	5	
594362.3	4130110	0.05975	45.72	45.72	1.5	ANNUAL	SRCGP5	5	
594402.8	4130110	0.06353	45.82	45.82	1.5	ANNUAL	SRCGP5	5	
594423	4130110	0.06551	46.03	46.03	1.5	ANNUAL	SRCGP5	5	
594443.2	4130110	0.06765	45.98	45.98	1.5	ANNUAL	SRCGP5	5	
594463.4	4130110	0.06986	46.01	46.01	1.5	ANNUAL	SRCGP5	5	
594321.9	4130130	0.05938	45.91	45.91	1.5	ANNUAL	SRCGP5	5	
594342.1	4130130	0.06127	45.82	45.82	1.5	ANNUAL	SRCGP5	5	
594362.3	4130130	0.06331	45.47	45.47	1.5	ANNUAL	SRCGP5	5	
594402.8	4130130	0.06742	46.12	46.12	1.5	ANNUAL	SRCGP5	5	
594423	4130130	0.06817	46.34	46.34	1.5	ANNUAL	SRCGP5	5	
594443.2	4130130	0.07216	46.02	46.02	1.5	ANNUAL	SRCGP5	5	
594463.4	4130130	0.07474	45.86	45.86	1.5	ANNUAL	SRCGP5	5	
594321.9	4130150	0.06278	45.64	45.64	1.5	ANNUAL	SRCGP5	5	
594342.1	4130150	0.06487	45.56	45.56	1.5	ANNUAL	SRCGP5	5	
594362.3	4130150	0.0671	45.36	45.36	1.5	ANNUAL	SRCGP5	5	
594423	4130150	0.07237	46.7	46.7	1.5	ANNUAL	SRCGP5	5	
594443.2	4130150	0.07525	46.34	46.34	1.5	ANNUAL	SRCGP5	5	
594463.4	4130150	0.07815	46.24	46.24	1.5	ANNUAL	SRCGP5	5	
594483.6	4130150	0.08292	46.1	46.1	1.5	ANNUAL	SRCGP5	5	
594503.9	4130150	0.08618	46.02	46.02	1.5	ANNUAL	SRCGP5	5	
594524.1	4130150	0.08957	46.08	46.08	1.5	ANNUAL	SRCGP5	5	
594544.3	4130150	0.09323	45.96	45.96	1.5	ANNUAL	SRCGP5	5	
594564.5	4130150	0.09717	45.71	45.71	1.5	ANNUAL	SRCGP5	5	
594584.7	4130150	0.10128	45.58	45.58	1.5	ANNUAL	SRCGP5	5	
594301.7	4130170	0.06426	45.46	45.46	1.5	ANNUAL	SRCGP5	5	
594321.9	4130170	0.06644	45.36	45.36	1.5	ANNUAL	SRCGP5	5	
594342.1	4130170	0.06873	45.38	45.38	1.5	ANNUAL	SRCGP5	5	
594362.3	4130170	0.07114	45.44	45.44	1.5	ANNUAL	SRCGP5	5	
594423	4130170	0.07704	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594443.2	4130170	0.08007	46.77	46.77	1.5	ANNUAL	SRCGP5	5	
594463.4	4130170	0.08328	46.72	46.72	1.5	ANNUAL	SRCGP5	5	
594483.6	4130170	0.0867	46.67	46.67	1.5	ANNUAL	SRCGP5	5	
594503.9	4130170	0.09043	46.51	46.51	1.5	ANNUAL	SRCGP5	5	
594524.1	4130170	0.09438	46.41	46.41	1.5	ANNUAL	SRCGP5	5	
594544.3	4130170	0.09864	46.26	46.26	1.5	ANNUAL	SRCGP5	5	
594564.5	4130170	0.10537	45.88	45.88	1.5	ANNUAL	SRCGP5	5	
594790.3	4129652	0.04143	49.15	49.15	1.5	ANNUAL	SRCGP5	5	
594810.3	4129652	0.04407	49.15	49.15	1.5	ANNUAL	SRCGP5	5	
594830.3	4129652	0.04692	49.14	49.14	1.5	ANNUAL	SRCGP5	5	
594850.3	4129652	0.05001	49.18	49.18	1.5	ANNUAL	SRCGP5	5	
594870.3	4129652	0.05342	49.15	49.15	1.5	ANNUAL	SRCGP5	5	
594890.3	4129652	0.05728	48.97	48.97	1.5	ANNUAL	SRCGP5	5	
594910.3	4129652	0.06155	48.87	48.87	1.5	ANNUAL	SRCGP5	5	
594930.3	4129652	0.0663	48.81	48.81	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594950.3	4129652	0.07171	48.63	48.63	1.5	ANNUAL	SRCGP5	5	
594970.3	4129652	0.07772	48.49	48.49	1.5	ANNUAL	SRCGP5	5	
594990.3	4129652	0.08442	48.3	48.3	1.5	ANNUAL	SRCGP5	5	
595010.3	4129652	0.09186	48.05	48.05	1.5	ANNUAL	SRCGP5	5	
595030.3	4129652	0.09998	47.79	47.79	1.5	ANNUAL	SRCGP5	5	
595050.3	4129652	0.10826	47.99	47.99	1.5	ANNUAL	SRCGP5	5	
595070.3	4129652	0.11809	47.33	47.33	1.5	ANNUAL	SRCGP5	5	
595090.3	4129652	0.12774	47.35	47.35	1.5	ANNUAL	SRCGP5	5	
594790.3	4129672	0.0427	48.86	48.86	1.5	ANNUAL	SRCGP5	5	
594810.3	4129672	0.04548	48.93	48.93	1.5	ANNUAL	SRCGP5	5	
594830.3	4129672	0.04848	49.02	49.02	1.5	ANNUAL	SRCGP5	5	
594850.3	4129672	0.05179	48.97	48.97	1.5	ANNUAL	SRCGP5	5	
594870.3	4129672	0.05543	48.92	48.92	1.5	ANNUAL	SRCGP5	5	
594890.3	4129672	0.05944	48.94	48.94	1.5	ANNUAL	SRCGP5	5	
594910.3	4129672	0.06398	48.84	48.84	1.5	ANNUAL	SRCGP5	5	
594930.3	4129672	0.06914	48.65	48.65	1.5	ANNUAL	SRCGP5	5	
594950.3	4129672	0.07488	48.52	48.52	1.5	ANNUAL	SRCGP5	5	
594970.3	4129672	0.0813	48.41	48.41	1.5	ANNUAL	SRCGP5	5	
594990.3	4129672	0.08855	48.18	48.18	1.5	ANNUAL	SRCGP5	5	
595010.3	4129672	0.09667	47.83	47.83	1.5	ANNUAL	SRCGP5	5	
595030.3	4129672	0.10532	47.69	47.69	1.5	ANNUAL	SRCGP5	5	
595050.3	4129672	0.11453	47.68	47.68	1.5	ANNUAL	SRCGP5	5	
595090.3	4129672	0.13527	47.36	47.36	1.5	ANNUAL	SRCGP5	5	
594790.3	4129692	0.04401	48.71	48.71	1.5	ANNUAL	SRCGP5	5	
594810.3	4129692	0.04695	48.78	48.78	1.5	ANNUAL	SRCGP5	5	
594830.3	4129692	0.05018	48.73	48.73	1.5	ANNUAL	SRCGP5	5	
594850.3	4129692	0.05372	48.64	48.64	1.5	ANNUAL	SRCGP5	5	
594870.3	4129692	0.05759	48.64	48.64	1.5	ANNUAL	SRCGP5	5	
594890.3	4129692	0.06185	48.7	48.7	1.5	ANNUAL	SRCGP5	5	
594910.3	4129692	0.06674	48.55	48.55	1.5	ANNUAL	SRCGP5	5	
594930.3	4129692	0.0722	48.46	48.46	1.5	ANNUAL	SRCGP5	5	
594950.3	4129692	0.07846	48.21	48.21	1.5	ANNUAL	SRCGP5	5	
594970.3	4129692	0.08543	48.05	48.05	1.5	ANNUAL	SRCGP5	5	
594990.3	4129692	0.09302	48.06	48.06	1.5	ANNUAL	SRCGP5	5	
595010.3	4129692	0.10169	47.8	47.8	1.5	ANNUAL	SRCGP5	5	
595050.3	4129692	0.12123	47.51	47.51	1.5	ANNUAL	SRCGP5	5	
595070.3	4129692	0.13198	47.48	47.48	1.5	ANNUAL	SRCGP5	5	
595090.3	4129692	0.14374	47.23	47.23	1.5	ANNUAL	SRCGP5	5	
594790.3	4129712	0.04544	48.36	48.36	1.5	ANNUAL	SRCGP5	5	
594810.3	4129712	0.04858	48.42	48.42	1.5	ANNUAL	SRCGP5	5	
594830.3	4129712	0.05196	48.52	48.52	1.5	ANNUAL	SRCGP5	5	
594850.3	4129712	0.05579	48.29	48.29	1.5	ANNUAL	SRCGP5	5	
594870.3	4129712	0.05991	48.31	48.31	1.5	ANNUAL	SRCGP5	5	
594890.3	4129712	0.06439	48.53	48.53	1.5	ANNUAL	SRCGP5	5	
594910.3	4129712	0.06958	48.43	48.43	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594930.3	4129712	0.07549	48.27	48.27	1.5	ANNUAL	SRCGP5	5	
595050.3	4129712	0.12838	47.48	47.48	1.5	ANNUAL	SRCGP5	5	
595070.3	4129712	0.14019	47.39	47.39	1.5	ANNUAL	SRCGP5	5	
595090.3	4129712	0.15298	47.17	47.17	1.5	ANNUAL	SRCGP5	5	
595130.3	4129712	0.18132	46.45	46.45	1.5	ANNUAL	SRCGP5	5	
595150.3	4129712	0.20139	46.11	46.11	1.5	ANNUAL	SRCGP5	5	
595170.3	4129712	0.21775	45.84	45.84	1.5	ANNUAL	SRCGP5	5	
594790.3	4129732	0.04694	48.09	48.09	1.5	ANNUAL	SRCGP5	5	
594810.3	4129732	0.05023	48.25	48.25	1.5	ANNUAL	SRCGP5	5	
594830.3	4129732	0.05383	48.35	48.35	1.5	ANNUAL	SRCGP5	5	
594850.3	4129732	0.05782	48.33	48.33	1.5	ANNUAL	SRCGP5	5	
594870.3	4129732	0.06225	48.27	48.27	1.5	ANNUAL	SRCGP5	5	
594890.3	4129732	0.06716	48.27	48.27	1.5	ANNUAL	SRCGP5	5	
594910.3	4129732	0.0727	48.23	48.23	1.5	ANNUAL	SRCGP5	5	
594930.3	4129732	0.07912	47.98	47.98	1.5	ANNUAL	SRCGP5	5	
594950.3	4129732	0.08624	47.9	47.9	1.5	ANNUAL	SRCGP5	5	
594970.3	4129732	0.09428	47.8	47.8	1.5	ANNUAL	SRCGP5	5	
594990.3	4129732	0.10325	47.74	47.74	1.5	ANNUAL	SRCGP5	5	
595010.3	4129732	0.11318	47.7	47.7	1.5	ANNUAL	SRCGP5	5	
595050.3	4129732	0.13655	47.24	47.24	1.5	ANNUAL	SRCGP5	5	
595070.3	4129732	0.1493	47.26	47.26	1.5	ANNUAL	SRCGP5	5	
595090.3	4129732	0.16304	47.2	47.2	1.5	ANNUAL	SRCGP5	5	
595130.3	4129732	0.19431	46.39	46.39	1.5	ANNUAL	SRCGP5	5	
595150.3	4129732	0.21659	45.88	45.88	1.5	ANNUAL	SRCGP5	5	
595210.3	4129732	0.27386	45.68	45.68	1.5	ANNUAL	SRCGP5	5	
595230.3	4129732	0.29557	45.67	45.67	1.5	ANNUAL	SRCGP5	5	
595270.3	4129732	0.34479	45.17	45.17	1.5	ANNUAL	SRCGP5	5	
595290.3	4129732	0.37196	44.96	44.96	1.5	ANNUAL	SRCGP5	5	
594470.3	4129752	0.02274	47.62	47.62	1.5	ANNUAL	SRCGP5	5	
594490.3	4129752	0.02311	47.72	47.72	1.5	ANNUAL	SRCGP5	5	
594510.3	4129752	0.02358	47.78	47.78	1.5	ANNUAL	SRCGP5	5	
594530.3	4129752	0.02416	47.86	47.86	1.5	ANNUAL	SRCGP5	5	
594550.3	4129752	0.02496	47.58	47.58	1.5	ANNUAL	SRCGP5	5	
594570.3	4129752	0.02581	47.65	47.65	1.5	ANNUAL	SRCGP5	5	
594590.3	4129752	0.02682	47.72	47.72	1.5	ANNUAL	SRCGP5	5	
594790.3	4129752	0.0485	47.91	47.91	1.5	ANNUAL	SRCGP5	5	
594810.3	4129752	0.05202	48.01	48.01	1.5	ANNUAL	SRCGP5	5	
594830.3	4129752	0.05586	48.09	48.09	1.5	ANNUAL	SRCGP5	5	
594850.3	4129752	0.06016	47.99	47.99	1.5	ANNUAL	SRCGP5	5	
594870.3	4129752	0.0648	48.14	48.14	1.5	ANNUAL	SRCGP5	5	
594890.3	4129752	0.07002	48.2	48.2	1.5	ANNUAL	SRCGP5	5	
594910.3	4129752	0.07599	48.12	48.12	1.5	ANNUAL	SRCGP5	5	
594930.3	4129752	0.08278	48	48	1.5	ANNUAL	SRCGP5	5	
594950.3	4129752	0.09043	47.94	47.94	1.5	ANNUAL	SRCGP5	5	
594970.3	4129752	0.09906	47.89	47.89	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.3	4129752	0.10887	47.75	47.75	1.5	ANNUAL	SRCGP5	5	
595010.3	4129752	0.11992	47.52	47.52	1.5	ANNUAL	SRCGP5	5	
595050.3	4129752	0.14543	47.09	47.09	1.5	ANNUAL	SRCGP5	5	
595070.3	4129752	0.15951	47.06	47.06	1.5	ANNUAL	SRCGP5	5	
595090.3	4129752	0.17471	46.95	46.95	1.5	ANNUAL	SRCGP5	5	
595170.3	4129752	0.25337	45.71	45.71	1.5	ANNUAL	SRCGP5	5	
595190.3	4129752	0.2745	45.71	45.71	1.5	ANNUAL	SRCGP5	5	
595210.3	4129752	0.29724	45.65	45.65	1.5	ANNUAL	SRCGP5	5	
595230.3	4129752	0.32156	45.65	45.65	1.5	ANNUAL	SRCGP5	5	
595270.3	4129752	0.3764	45.33	45.33	1.5	ANNUAL	SRCGP5	5	
595290.3	4129752	0.40702	45.04	45.04	1.5	ANNUAL	SRCGP5	5	
594470.3	4129772	0.0239	47.2	47.2	1.5	ANNUAL	SRCGP5	5	
594490.3	4129772	0.02416	47.61	47.61	1.5	ANNUAL	SRCGP5	5	
594510.3	4129772	0.02467	47.36	47.36	1.5	ANNUAL	SRCGP5	5	
594530.3	4129772	0.0252	47.53	47.53	1.5	ANNUAL	SRCGP5	5	
594550.3	4129772	0.02596	47.29	47.29	1.5	ANNUAL	SRCGP5	5	
594570.3	4129772	0.02675	47.46	47.46	1.5	ANNUAL	SRCGP5	5	
594590.3	4129772	0.02773	47.57	47.57	1.5	ANNUAL	SRCGP5	5	
594790.3	4129772	0.05013	47.83	47.83	1.5	ANNUAL	SRCGP5	5	
594810.3	4129772	0.05383	48.01	48.01	1.5	ANNUAL	SRCGP5	5	
594830.3	4129772	0.05794	48.02	48.02	1.5	ANNUAL	SRCGP5	5	
594850.3	4129772	0.06241	48.17	48.17	1.5	ANNUAL	SRCGP5	5	
594870.3	4129772	0.06753	48	48	1.5	ANNUAL	SRCGP5	5	
594890.3	4129772	0.07316	48.02	48.02	1.5	ANNUAL	SRCGP5	5	
594910.3	4129772	0.07999	47.42	47.42	1.5	ANNUAL	SRCGP5	5	
594930.3	4129772	0.08741	47.27	47.27	1.5	ANNUAL	SRCGP5	5	
594950.3	4129772	0.09564	47.33	47.33	1.5	ANNUAL	SRCGP5	5	
594970.3	4129772	0.10506	47.3	47.3	1.5	ANNUAL	SRCGP5	5	
594990.3	4129772	0.11542	47.45	47.45	1.5	ANNUAL	SRCGP5	5	
595010.3	4129772	0.12731	47.36	47.36	1.5	ANNUAL	SRCGP5	5	
595050.3	4129772	0.15513	47.02	47.02	1.5	ANNUAL	SRCGP5	5	
595070.3	4129772	0.17074	46.92	46.92	1.5	ANNUAL	SRCGP5	5	
595090.3	4129772	0.18722	46.95	46.95	1.5	ANNUAL	SRCGP5	5	
595170.3	4129772	0.27456	45.71	45.71	1.5	ANNUAL	SRCGP5	5	
595190.3	4129772	0.29828	45.67	45.67	1.5	ANNUAL	SRCGP5	5	
595230.3	4129772	0.35116	45.62	45.62	1.5	ANNUAL	SRCGP5	5	
595250.3	4129772	0.38036	45.71	45.71	1.5	ANNUAL	SRCGP5	5	
595270.3	4129772	0.41226	45.55	45.55	1.5	ANNUAL	SRCGP5	5	
595290.3	4129772	0.44681	45.19	45.19	1.5	ANNUAL	SRCGP5	5	
594470.3	4129792	0.02511	47.17	47.17	1.5	ANNUAL	SRCGP5	5	
594490.3	4129792	0.02546	47.06	47.06	1.5	ANNUAL	SRCGP5	5	
594510.3	4129792	0.02587	47.13	47.13	1.5	ANNUAL	SRCGP5	5	
594530.3	4129792	0.0264	47.12	47.12	1.5	ANNUAL	SRCGP5	5	
594550.3	4129792	0.02699	47.37	47.37	1.5	ANNUAL	SRCGP5	5	
594570.3	4129792	0.02783	47.24	47.24	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594590.3	4129792	0.02881	47.24	47.24	1.5	ANNUAL	SRCGP5	5	
594610.3	4129792	0.02994	47.37	47.37	1.5	ANNUAL	SRCGP5	5	
594790.3	4129792	0.05182	47.83	47.83	1.5	ANNUAL	SRCGP5	5	
594810.3	4129792	0.05573	48.06	48.06	1.5	ANNUAL	SRCGP5	5	
594830.3	4129792	0.06013	48.04	48.04	1.5	ANNUAL	SRCGP5	5	
594850.3	4129792	0.06509	47.82	47.82	1.5	ANNUAL	SRCGP5	5	
594870.3	4129792	0.07042	47.94	47.94	1.5	ANNUAL	SRCGP5	5	
594890.3	4129792	0.07655	47.84	47.84	1.5	ANNUAL	SRCGP5	5	
594930.3	4129792	0.09178	47.26	47.26	1.5	ANNUAL	SRCGP5	5	
594950.3	4129792	0.10066	47.35	47.35	1.5	ANNUAL	SRCGP5	5	
594970.3	4129792	0.11091	47.3	47.3	1.5	ANNUAL	SRCGP5	5	
594990.3	4129792	0.1227	47.1	47.1	1.5	ANNUAL	SRCGP5	5	
595010.3	4129792	0.13593	46.9	46.9	1.5	ANNUAL	SRCGP5	5	
595050.3	4129792	0.16607	46.86	46.86	1.5	ANNUAL	SRCGP5	5	
595070.3	4129792	0.18326	46.79	46.79	1.5	ANNUAL	SRCGP5	5	
595090.3	4129792	0.20179	46.69	46.69	1.5	ANNUAL	SRCGP5	5	
595190.3	4129792	0.32523	45.69	45.69	1.5	ANNUAL	SRCGP5	5	
595210.3	4129792	0.35394	45.67	45.67	1.5	ANNUAL	SRCGP5	5	
595230.3	4129792	0.3848	45.68	45.68	1.5	ANNUAL	SRCGP5	5	
595250.3	4129792	0.41808	45.65	45.65	1.5	ANNUAL	SRCGP5	5	
595270.3	4129792	0.45461	45.31	45.31	1.5	ANNUAL	SRCGP5	5	
595290.3	4129792	0.4935	44.96	44.96	1.5	ANNUAL	SRCGP5	5	
595310.3	4129792	0.53315	45	45	1.5	ANNUAL	SRCGP5	5	
595330.3	4129792	0.57493	44.84	44.84	1.5	ANNUAL	SRCGP5	5	
594470.3	4129812	0.02649	47.07	47.07	1.5	ANNUAL	SRCGP5	5	
594490.3	4129812	0.02682	46.93	46.93	1.5	ANNUAL	SRCGP5	5	
594510.3	4129812	0.02716	47.1	47.1	1.5	ANNUAL	SRCGP5	5	
594530.3	4129812	0.02766	47.07	47.07	1.5	ANNUAL	SRCGP5	5	
594550.3	4129812	0.02821	47.3	47.3	1.5	ANNUAL	SRCGP5	5	
594570.3	4129812	0.02898	47.27	47.27	1.5	ANNUAL	SRCGP5	5	
594590.3	4129812	0.02987	47.43	47.43	1.5	ANNUAL	SRCGP5	5	
594610.3	4129812	0.03104	47.37	47.37	1.5	ANNUAL	SRCGP5	5	
594790.3	4129812	0.05372	47.62	47.62	1.5	ANNUAL	SRCGP5	5	
594810.3	4129812	0.05791	47.77	47.77	1.5	ANNUAL	SRCGP5	5	
594830.3	4129812	0.06259	47.8	47.8	1.5	ANNUAL	SRCGP5	5	
594850.3	4129812	0.06791	47.57	47.57	1.5	ANNUAL	SRCGP5	5	
594870.3	4129812	0.07371	47.61	47.61	1.5	ANNUAL	SRCGP5	5	
594890.3	4129812	0.08026	47.6	47.6	1.5	ANNUAL	SRCGP5	5	
594950.3	4129812	0.10626	47.26	47.26	1.5	ANNUAL	SRCGP5	5	
594970.3	4129812	0.11739	47.24	47.24	1.5	ANNUAL	SRCGP5	5	
594990.3	4129812	0.13052	46.89	46.89	1.5	ANNUAL	SRCGP5	5	
595010.3	4129812	0.14489	46.8	46.8	1.5	ANNUAL	SRCGP5	5	
595050.3	4129812	0.17819	46.75	46.75	1.5	ANNUAL	SRCGP5	5	
595070.3	4129812	0.1973	46.65	46.65	1.5	ANNUAL	SRCGP5	5	
595090.3	4129812	0.21778	46.6	46.6	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129812	0.35612	45.68	45.68	1.5	ANNUAL	SRCGP5	5	
595210.3	4129812	0.38861	45.67	45.67	1.5	ANNUAL	SRCGP5	5	
595250.3	4129812	0.46307	45.08	45.08	1.5	ANNUAL	SRCGP5	5	
595270.3	4129812	0.50331	45.11	45.11	1.5	ANNUAL	SRCGP5	5	
595310.3	4129812	0.59096	44.98	44.98	1.5	ANNUAL	SRCGP5	5	
595350.3	4129812	0.68469	44.65	44.65	1.5	ANNUAL	SRCGP5	5	
594790.3	4129832	0.0557	47.56	47.56	1.5	ANNUAL	SRCGP5	5	
594810.3	4129832	0.06014	47.71	47.71	1.5	ANNUAL	SRCGP5	5	
594830.3	4129832	0.06512	47.77	47.77	1.5	ANNUAL	SRCGP5	5	
594850.3	4129832	0.07088	47.45	47.45	1.5	ANNUAL	SRCGP5	5	
594870.3	4129832	0.07705	47.58	47.58	1.5	ANNUAL	SRCGP5	5	
594890.3	4129832	0.08418	47.48	47.48	1.5	ANNUAL	SRCGP5	5	
594950.3	4129832	0.1122	47.32	47.32	1.5	ANNUAL	SRCGP5	5	
594970.3	4129832	0.12445	47.23	47.23	1.5	ANNUAL	SRCGP5	5	
594990.3	4129832	0.13913	46.71	46.71	1.5	ANNUAL	SRCGP5	5	
595010.3	4129832	0.15492	46.66	46.66	1.5	ANNUAL	SRCGP5	5	
595050.3	4129832	0.19198	46.55	46.55	1.5	ANNUAL	SRCGP5	5	
595070.3	4129832	0.21324	46.46	46.46	1.5	ANNUAL	SRCGP5	5	
595090.3	4129832	0.23606	46.43	46.43	1.5	ANNUAL	SRCGP5	5	
595270.3	4129832	0.55946	44.97	44.97	1.5	ANNUAL	SRCGP5	5	
595310.3	4129832	0.65807	44.84	44.84	1.5	ANNUAL	SRCGP5	5	
595330.3	4129832	0.70929	44.79	44.79	1.5	ANNUAL	SRCGP5	5	
595350.3	4129832	0.761	44.68	44.68	1.5	ANNUAL	SRCGP5	5	
594790.3	4129852	0.05777	47.59	47.59	1.5	ANNUAL	SRCGP5	5	
594810.3	4129852	0.06249	47.75	47.75	1.5	ANNUAL	SRCGP5	5	
594830.3	4129852	0.06805	47.4	47.4	1.5	ANNUAL	SRCGP5	5	
594850.3	4129852	0.07413	47.26	47.26	1.5	ANNUAL	SRCGP5	5	
594870.3	4129852	0.08094	47.17	47.17	1.5	ANNUAL	SRCGP5	5	
594890.3	4129852	0.08854	47.24	47.24	1.5	ANNUAL	SRCGP5	5	
594950.3	4129852	0.11909	47.11	47.11	1.5	ANNUAL	SRCGP5	5	
594970.3	4129852	0.13279	46.87	46.87	1.5	ANNUAL	SRCGP5	5	
594990.3	4129852	0.14865	46.56	46.56	1.5	ANNUAL	SRCGP5	5	
595010.3	4129852	0.16595	46.6	46.6	1.5	ANNUAL	SRCGP5	5	
595050.3	4129852	0.20728	46.44	46.44	1.5	ANNUAL	SRCGP5	5	
595070.3	4129852	0.23113	46.32	46.32	1.5	ANNUAL	SRCGP5	5	
595090.3	4129852	0.25664	46.32	46.32	1.5	ANNUAL	SRCGP5	5	
595290.3	4129852	0.67836	44.98	44.98	1.5	ANNUAL	SRCGP5	5	
595310.3	4129852	0.7349	44.85	44.85	1.5	ANNUAL	SRCGP5	5	
595330.3	4129852	0.79151	44.84	44.84	1.5	ANNUAL	SRCGP5	5	
594790.3	4129912	0.06571	46.78	46.78	1.5	ANNUAL	SRCGP5	5	
594810.3	4129912	0.07121	47.19	47.19	1.5	ANNUAL	SRCGP5	5	
594830.3	4129912	0.07786	47.09	47.09	1.5	ANNUAL	SRCGP5	5	
594850.3	4129912	0.08565	46.7	46.7	1.5	ANNUAL	SRCGP5	5	
594870.3	4129912	0.09416	46.74	46.74	1.5	ANNUAL	SRCGP5	5	
594890.3	4129912	0.10412	46.6	46.6	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.3	4129912	0.11561	46.52	46.52	1.5	ANNUAL	SRCGP5	5	
594930.3	4129912	0.12909	46.39	46.39	1.5	ANNUAL	SRCGP5	5	
594950.3	4129912	0.14499	46.19	46.19	1.5	ANNUAL	SRCGP5	5	
594970.3	4129912	0.16898	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594990.3	4129912	0.19113	45.75	45.75	1.5	ANNUAL	SRCGP5	5	
595010.3	4129912	0.21553	46.09	46.09	1.5	ANNUAL	SRCGP5	5	
595030.3	4129912	0.24386	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
595050.3	4129912	0.27548	45.89	45.89	1.5	ANNUAL	SRCGP5	5	
595090.3	4129912	0.3497	45.52	45.52	1.5	ANNUAL	SRCGP5	5	
595110.3	4129912	0.39164	45.59	45.59	1.5	ANNUAL	SRCGP5	5	
595130.3	4129912	0.43816	45.47	45.47	1.5	ANNUAL	SRCGP5	5	
595150.3	4129912	0.48859	45.48	45.48	1.5	ANNUAL	SRCGP5	5	
595170.3	4129912	0.54374	45.47	45.47	1.5	ANNUAL	SRCGP5	5	
595190.3	4129912	0.6037	45.48	45.48	1.5	ANNUAL	SRCGP5	5	
595210.3	4129912	0.66959	45.3	45.3	1.5	ANNUAL	SRCGP5	5	
595230.3	4129912	0.74281	44.69	44.69	1.5	ANNUAL	SRCGP5	5	
595250.3	4129912	0.81693	44.65	44.65	1.5	ANNUAL	SRCGP5	5	
595270.3	4129912	0.8939	44.61	44.61	1.5	ANNUAL	SRCGP5	5	
595290.3	4129912	0.96951	44.94	44.94	1.5	ANNUAL	SRCGP5	5	
595310.3	4129912	1.05182	44.34	44.34	1.5	ANNUAL	SRCGP5	5	
595330.3	4129912	1.12986	44.06	44.06	1.5	ANNUAL	SRCGP5	5	
595350.3	4129912	1.1998	44.33	44.33	1.5	ANNUAL	SRCGP5	5	
595370.3	4129912	1.26778	44.2	44.2	1.5	ANNUAL	SRCGP5	5	
595390.3	4129912	1.32983	44.02	44.02	1.5	ANNUAL	SRCGP5	5	
595430.3	4129912	1.43019	43.83	43.83	1.5	ANNUAL	SRCGP5	5	
595450.3	4129912	1.4657	44.05	44.05	1.5	ANNUAL	SRCGP5	5	
594790.3	4129932	0.06899	46.42	46.42	1.5	ANNUAL	SRCGP5	5	
594810.3	4129932	0.07507	46.53	46.53	1.5	ANNUAL	SRCGP5	5	
594830.3	4129932	0.0822	46.45	46.45	1.5	ANNUAL	SRCGP5	5	
594850.3	4129932	0.09041	46.31	46.31	1.5	ANNUAL	SRCGP5	5	
594870.3	4129932	0.09986	46.16	46.16	1.5	ANNUAL	SRCGP5	5	
594890.3	4129932	0.11389	46.11	46.11	1.5	ANNUAL	SRCGP5	5	
594910.3	4129932	0.12732	45.73	45.73	1.5	ANNUAL	SRCGP5	5	
594930.3	4129932	0.14261	45.86	45.86	1.5	ANNUAL	SRCGP5	5	
594950.3	4129932	0.16089	45.7	45.7	1.5	ANNUAL	SRCGP5	5	
594970.3	4129932	0.18232	45.49	45.49	1.5	ANNUAL	SRCGP5	5	
594990.3	4129932	0.20679	45.55	45.55	1.5	ANNUAL	SRCGP5	5	
595010.3	4129932	0.2349	45.59	45.59	1.5	ANNUAL	SRCGP5	5	
595030.3	4129932	0.26738	45.35	45.35	1.5	ANNUAL	SRCGP5	5	
595050.3	4129932	0.30317	45.43	45.43	1.5	ANNUAL	SRCGP5	5	
595090.3	4129932	0.38765	45.36	45.36	1.5	ANNUAL	SRCGP5	5	
595110.3	4129932	0.43654	45.32	45.32	1.5	ANNUAL	SRCGP5	5	
595130.3	4129932	0.49059	45.21	45.21	1.5	ANNUAL	SRCGP5	5	
595150.3	4129932	0.54897	45.32	45.32	1.5	ANNUAL	SRCGP5	5	
595170.3	4129932	0.61335	45.32	45.32	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129932	0.68447	45.14	45.14	1.5	ANNUAL	SRCGP5	5	
595210.3	4129932	0.76085	45.04	45.04	1.5	ANNUAL	SRCGP5	5	
595250.3	4129932	0.9281	44.8	44.8	1.5	ANNUAL	SRCGP5	5	
595270.3	4129932	1.01541	44.78	44.78	1.5	ANNUAL	SRCGP5	5	
595290.3	4129932	1.10622	44.41	44.41	1.5	ANNUAL	SRCGP5	5	
595310.3	4129932	1.19431	44.2	44.2	1.5	ANNUAL	SRCGP5	5	
595330.3	4129932	1.27941	43.93	43.93	1.5	ANNUAL	SRCGP5	5	
595350.3	4129932	1.3541	44.19	44.19	1.5	ANNUAL	SRCGP5	5	
595370.3	4129932	1.42791	43.79	43.79	1.5	ANNUAL	SRCGP5	5	
595390.3	4129932	1.48888	43.87	43.87	1.5	ANNUAL	SRCGP5	5	
595430.3	4129932	1.58629	43.72	43.72	1.5	ANNUAL	SRCGP5	5	
595450.3	4129932	1.61932	43.8	43.8	1.5	ANNUAL	SRCGP5	5	
594790.3	4129952	0.07255	46.19	46.19	1.5	ANNUAL	SRCGP5	5	
594810.3	4129952	0.0819	46.14	46.14	1.5	ANNUAL	SRCGP5	5	
594830.3	4129952	0.08953	46.03	46.03	1.5	ANNUAL	SRCGP5	5	
594850.3	4129952	0.09841	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594870.3	4129952	0.10886	45.84	45.84	1.5	ANNUAL	SRCGP5	5	
594890.3	4129952	0.12111	45.76	45.76	1.5	ANNUAL	SRCGP5	5	
594910.3	4129952	0.13551	45.76	45.76	1.5	ANNUAL	SRCGP5	5	
594930.3	4129952	0.15272	45.58	45.58	1.5	ANNUAL	SRCGP5	5	
594950.3	4129952	0.17304	45.45	45.45	1.5	ANNUAL	SRCGP5	5	
594970.3	4129952	0.19686	45.38	45.38	1.5	ANNUAL	SRCGP5	5	
594990.3	4129952	0.22459	45.36	45.36	1.5	ANNUAL	SRCGP5	5	
595010.3	4129952	0.25681	45.25	45.25	1.5	ANNUAL	SRCGP5	5	
595030.3	4129952	0.29348	45.2	45.2	1.5	ANNUAL	SRCGP5	5	
595050.3	4129952	0.33477	45.2	45.2	1.5	ANNUAL	SRCGP5	5	
595090.3	4129952	0.43224	45.21	45.21	1.5	ANNUAL	SRCGP5	5	
595110.3	4129952	0.4888	45.27	45.27	1.5	ANNUAL	SRCGP5	5	
595130.3	4129952	0.55259	45.04	45.04	1.5	ANNUAL	SRCGP5	5	
595150.3	4129952	0.62105	45.17	45.17	1.5	ANNUAL	SRCGP5	5	
595170.3	4129952	0.69764	45.02	45.02	1.5	ANNUAL	SRCGP5	5	
595190.3	4129952	0.78262	44.64	44.64	1.5	ANNUAL	SRCGP5	5	
595210.3	4129952	0.87252	44.5	44.5	1.5	ANNUAL	SRCGP5	5	
595250.3	4129952	1.06145	44.82	44.82	1.5	ANNUAL	SRCGP5	5	
595290.3	4129952	1.26121	44.55	44.55	1.5	ANNUAL	SRCGP5	5	
595310.3	4129952	1.35895	44.27	44.27	1.5	ANNUAL	SRCGP5	5	
595330.3	4129952	1.45256	43.85	43.85	1.5	ANNUAL	SRCGP5	5	
595350.3	4129952	1.5308	44.14	44.14	1.5	ANNUAL	SRCGP5	5	
595370.3	4129952	1.60526	43.91	43.91	1.5	ANNUAL	SRCGP5	5	
595390.3	4129952	1.66769	43.82	43.82	1.5	ANNUAL	SRCGP5	5	
595430.3	4129952	1.76004	43.56	43.56	1.5	ANNUAL	SRCGP5	5	
595450.3	4129952	1.78732	43.64	43.64	1.5	ANNUAL	SRCGP5	5	
594510.3	4129972	0.04518	46.83	46.83	1.5	ANNUAL	SRCGP5	5	
594530.3	4129972	0.04573	47.03	47.03	1.5	ANNUAL	SRCGP5	5	
594550.3	4129972	0.04637	46.99	46.99	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595090.3	4129972	0.48538	45.01	45.01	1.5	ANNUAL	SRCGP5	5	
595110.3	4129972	0.55269	44.91	44.91	1.5	ANNUAL	SRCGP5	5	
595130.3	4129972	0.627	44.88	44.88	1.5	ANNUAL	SRCGP5	5	
595150.3	4129972	0.70813	44.99	44.99	1.5	ANNUAL	SRCGP5	5	
595170.3	4129972	0.79925	44.78	44.78	1.5	ANNUAL	SRCGP5	5	
595190.3	4129972	0.89853	44.54	44.54	1.5	ANNUAL	SRCGP5	5	
595210.3	4129972	1.00249	44.57	44.57	1.5	ANNUAL	SRCGP5	5	
595230.3	4129972	1.11392	44.35	44.35	1.5	ANNUAL	SRCGP5	5	
595250.3	4129972	1.22088	44.85	44.85	1.5	ANNUAL	SRCGP5	5	
595270.3	4129972	1.33459	44.7	44.7	1.5	ANNUAL	SRCGP5	5	
595290.3	4129972	1.44881	44.28	44.28	1.5	ANNUAL	SRCGP5	5	
595310.3	4129972	1.55491	44.07	44.07	1.5	ANNUAL	SRCGP5	5	
595330.3	4129972	1.65449	43.7	43.7	1.5	ANNUAL	SRCGP5	5	
595350.3	4129972	1.73489	44.02	44.02	1.5	ANNUAL	SRCGP5	5	
595370.3	4129972	1.80879	43.88	43.88	1.5	ANNUAL	SRCGP5	5	
595390.3	4129972	1.86997	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595430.3	4129972	1.95091	43.48	43.48	1.5	ANNUAL	SRCGP5	5	
595450.3	4129972	1.96978	43.56	43.56	1.5	ANNUAL	SRCGP5	5	
594510.3	4129992	0.04853	46.81	46.81	1.5	ANNUAL	SRCGP5	5	
594530.3	4129992	0.04928	46.88	46.88	1.5	ANNUAL	SRCGP5	5	
594550.3	4129992	0.05	46.99	46.99	1.5	ANNUAL	SRCGP5	5	
594790.3	4129992	0.08438	45.96	45.96	1.5	ANNUAL	SRCGP5	5	
594810.3	4129992	0.09163	46.02	46.02	1.5	ANNUAL	SRCGP5	5	
594830.3	4129992	0.1003	45.97	45.97	1.5	ANNUAL	SRCGP5	5	
594850.3	4129992	0.11061	45.88	45.88	1.5	ANNUAL	SRCGP5	5	
594870.3	4129992	0.12289	45.78	45.78	1.5	ANNUAL	SRCGP5	5	
594890.3	4129992	0.13754	45.68	45.68	1.5	ANNUAL	SRCGP5	5	
594910.3	4129992	0.15517	45.53	45.53	1.5	ANNUAL	SRCGP5	5	
594930.3	4129992	0.17624	45.47	45.47	1.5	ANNUAL	SRCGP5	5	
594950.3	4129992	0.20167	45.34	45.34	1.5	ANNUAL	SRCGP5	5	
594970.3	4129992	0.23211	45.21	45.21	1.5	ANNUAL	SRCGP5	5	
595010.3	4129992	0.3104	45.01	45.01	1.5	ANNUAL	SRCGP5	5	
595030.3	4129992	0.359	45	45	1.5	ANNUAL	SRCGP5	5	
595050.3	4129992	0.41473	44.95	44.95	1.5	ANNUAL	SRCGP5	5	
595090.3	4129992	0.54923	44.79	44.79	1.5	ANNUAL	SRCGP5	5	
595110.3	4129992	0.62849	44.8	44.8	1.5	ANNUAL	SRCGP5	5	
595130.3	4129992	0.71721	44.73	44.73	1.5	ANNUAL	SRCGP5	5	
595150.3	4129992	0.81451	44.77	44.77	1.5	ANNUAL	SRCGP5	5	
595170.3	4129992	0.92383	44.48	44.48	1.5	ANNUAL	SRCGP5	5	
595190.3	4129992	1.03822	44.6	44.6	1.5	ANNUAL	SRCGP5	5	
595210.3	4129992	1.16084	44.58	44.58	1.5	ANNUAL	SRCGP5	5	
595230.3	4129992	1.29148	44.27	44.27	1.5	ANNUAL	SRCGP5	5	
595250.3	4129992	1.41911	44.36	44.36	1.5	ANNUAL	SRCGP5	5	
595270.3	4129992	1.54647	44.3	44.3	1.5	ANNUAL	SRCGP5	5	
595290.3	4129992	1.67181	43.97	43.97	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.3	4129992	1.7839	43.94	43.94	1.5	ANNUAL	SRCGP5	5	
595330.3	4129992	1.88782	43.63	43.63	1.5	ANNUAL	SRCGP5	5	
595350.3	4129992	1.96912	43.91	43.91	1.5	ANNUAL	SRCGP5	5	
595370.3	4129992	2.0396	43.86	43.86	1.5	ANNUAL	SRCGP5	5	
595390.3	4129992	2.09489	43.75	43.75	1.5	ANNUAL	SRCGP5	5	
595430.3	4129992	2.16011	43.39	43.39	1.5	ANNUAL	SRCGP5	5	
595450.3	4129992	2.16669	43.51	43.51	1.5	ANNUAL	SRCGP5	5	
594510.3	4130012	0.05215	46.78	46.78	1.5	ANNUAL	SRCGP5	5	
594550.3	4130012	0.05404	46.82	46.82	1.5	ANNUAL	SRCGP5	5	
594790.3	4130012	0.08992	45.75	45.75	1.5	ANNUAL	SRCGP5	5	
594810.3	4130012	0.09751	45.92	45.92	1.5	ANNUAL	SRCGP5	5	
594830.3	4130012	0.10688	45.75	45.75	1.5	ANNUAL	SRCGP5	5	
594850.3	4130012	0.11804	45.64	45.64	1.5	ANNUAL	SRCGP5	5	
594870.3	4130012	0.13143	45.52	45.52	1.5	ANNUAL	SRCGP5	5	
594890.3	4130012	0.14744	45.5	45.5	1.5	ANNUAL	SRCGP5	5	
594910.3	4130012	0.16692	45.39	45.39	1.5	ANNUAL	SRCGP5	5	
594930.3	4130012	0.19046	45.34	45.34	1.5	ANNUAL	SRCGP5	5	
594950.3	4130012	0.21924	45.17	45.17	1.5	ANNUAL	SRCGP5	5	
594970.3	4130012	0.25391	45.04	45.04	1.5	ANNUAL	SRCGP5	5	
595010.3	4130012	0.34415	44.88	44.88	1.5	ANNUAL	SRCGP5	5	
595030.3	4130012	0.40068	44.92	44.92	1.5	ANNUAL	SRCGP5	5	
595050.3	4130012	0.46651	44.79	44.79	1.5	ANNUAL	SRCGP5	5	
595090.3	4130012	0.6254	44.78	44.78	1.5	ANNUAL	SRCGP5	5	
595110.3	4130012	0.72115	44.66	44.66	1.5	ANNUAL	SRCGP5	5	
595150.3	4130012	0.94728	44.36	44.36	1.5	ANNUAL	SRCGP5	5	
595170.3	4130012	1.07549	44.37	44.37	1.5	ANNUAL	SRCGP5	5	
595230.3	4130012	1.50659	44.26	44.26	1.5	ANNUAL	SRCGP5	5	
595250.3	4130012	1.65143	44.4	44.4	1.5	ANNUAL	SRCGP5	5	
595270.3	4130012	1.79623	44.19	44.19	1.5	ANNUAL	SRCGP5	5	
595290.3	4130012	1.93434	43.8	43.8	1.5	ANNUAL	SRCGP5	5	
595310.3	4130012	2.05408	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595330.3	4130012	2.15865	43.53	43.53	1.5	ANNUAL	SRCGP5	5	
595350.3	4130012	2.23675	43.83	43.83	1.5	ANNUAL	SRCGP5	5	
595370.3	4130012	2.30159	43.76	43.76	1.5	ANNUAL	SRCGP5	5	
595390.3	4130012	2.34724	43.68	43.68	1.5	ANNUAL	SRCGP5	5	
595430.3	4130012	2.38709	43.29	43.29	1.5	ANNUAL	SRCGP5	5	
595450.3	4130012	2.37753	43.42	43.42	1.5	ANNUAL	SRCGP5	5	
594490.3	4130032	0.05494	46.29	46.29	1.5	ANNUAL	SRCGP5	5	
594510.3	4130032	0.05607	46.59	46.59	1.5	ANNUAL	SRCGP5	5	
594530.3	4130032	0.05728	46.58	46.58	1.5	ANNUAL	SRCGP5	5	
594570.3	4130032	0.05965	46.62	46.62	1.5	ANNUAL	SRCGP5	5	
594790.3	4130032	0.09634	45.51	45.51	1.5	ANNUAL	SRCGP5	5	
594810.3	4130032	0.1045	45.54	45.54	1.5	ANNUAL	SRCGP5	5	
594830.3	4130032	0.11448	45.44	45.44	1.5	ANNUAL	SRCGP5	5	
594850.3	4130032	0.12647	45.41	45.41	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594870.3	4130032	0.1411	45.28	45.28	1.5	ANNUAL	SRCGP5	5	
594890.3	4130032	0.15874	45.26	45.26	1.5	ANNUAL	SRCGP5	5	
594910.3	4130032	0.18047	45.12	45.12	1.5	ANNUAL	SRCGP5	5	
594930.3	4130032	0.20695	45.07	45.07	1.5	ANNUAL	SRCGP5	5	
594950.3	4130032	0.2397	44.88	44.88	1.5	ANNUAL	SRCGP5	5	
594970.3	4130032	0.27934	44.82	44.82	1.5	ANNUAL	SRCGP5	5	
595010.3	4130032	0.38441	44.66	44.66	1.5	ANNUAL	SRCGP5	5	
595030.3	4130032	0.45137	44.63	44.63	1.5	ANNUAL	SRCGP5	5	
595050.3	4130032	0.52901	44.62	44.62	1.5	ANNUAL	SRCGP5	5	
595090.3	4130032	0.72117	44.44	44.44	1.5	ANNUAL	SRCGP5	5	
595150.3	4130032	1.11046	44.17	44.17	1.5	ANNUAL	SRCGP5	5	
595170.3	4130032	1.26492	44.19	44.19	1.5	ANNUAL	SRCGP5	5	
595230.3	4130032	1.7723	44.09	44.09	1.5	ANNUAL	SRCGP5	5	
595250.3	4130032	1.93581	44.27	44.27	1.5	ANNUAL	SRCGP5	5	
595270.3	4130032	2.09529	44.11	44.11	1.5	ANNUAL	SRCGP5	5	
595290.3	4130032	2.2433	43.76	43.76	1.5	ANNUAL	SRCGP5	5	
595310.3	4130032	2.36949	43.54	43.54	1.5	ANNUAL	SRCGP5	5	
595330.3	4130032	2.47322	43.33	43.33	1.5	ANNUAL	SRCGP5	5	
595350.3	4130032	2.54222	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595370.3	4130032	2.59526	43.68	43.68	1.5	ANNUAL	SRCGP5	5	
595390.3	4130032	2.62773	43.52	43.52	1.5	ANNUAL	SRCGP5	5	
595430.3	4130032	2.62995	43.19	43.19	1.5	ANNUAL	SRCGP5	5	
595450.3	4130032	2.59978	43.29	43.29	1.5	ANNUAL	SRCGP5	5	
594490.3	4130052	0.05884	46.24	46.24	1.5	ANNUAL	SRCGP5	5	
594510.3	4130052	0.06019	46.62	46.62	1.5	ANNUAL	SRCGP5	5	
594530.3	4130052	0.06162	46.76	46.76	1.5	ANNUAL	SRCGP5	5	
594550.3	4130052	0.06312	46.7	46.7	1.5	ANNUAL	SRCGP5	5	
594570.3	4130052	0.06464	46.63	46.63	1.5	ANNUAL	SRCGP5	5	
594590.3	4130052	0.06616	46.57	46.57	1.5	ANNUAL	SRCGP5	5	
594790.3	4130052	0.10347	45.73	45.73	1.5	ANNUAL	SRCGP5	5	
594810.3	4130052	0.11229	45.52	45.52	1.5	ANNUAL	SRCGP5	5	
594830.3	4130052	0.1229	45.48	45.48	1.5	ANNUAL	SRCGP5	5	
594850.3	4130052	0.13593	45.38	45.38	1.5	ANNUAL	SRCGP5	5	
594870.3	4130052	0.1519	45.25	45.25	1.5	ANNUAL	SRCGP5	5	
594890.3	4130052	0.17131	45.25	45.25	1.5	ANNUAL	SRCGP5	5	
594910.3	4130052	0.19544	45.16	45.16	1.5	ANNUAL	SRCGP5	5	
594930.3	4130052	0.22553	44.98	44.98	1.5	ANNUAL	SRCGP5	5	
594950.3	4130052	0.2627	44.87	44.87	1.5	ANNUAL	SRCGP5	5	
594970.3	4130052	0.30855	44.77	44.77	1.5	ANNUAL	SRCGP5	5	
595010.3	4130052	0.43187	44.59	44.59	1.5	ANNUAL	SRCGP5	5	
595030.3	4130052	0.51206	44.46	44.46	1.5	ANNUAL	SRCGP5	5	
595050.3	4130052	0.60579	44.38	44.38	1.5	ANNUAL	SRCGP5	5	
595090.3	4130052	0.83962	44.21	44.21	1.5	ANNUAL	SRCGP5	5	
595150.3	4130052	1.31496	44.05	44.05	1.5	ANNUAL	SRCGP5	5	
595170.3	4130052	1.50281	44.02	44.02	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595210.3	4130052	1.89469	44.28	44.28	1.5	ANNUAL	SRCGP5	5	
595230.3	4130052	2.09831	43.96	43.96	1.5	ANNUAL	SRCGP5	5	
595250.3	4130052	2.27919	44.25	44.25	1.5	ANNUAL	SRCGP5	5	
595270.3	4130052	2.45038	44.2	44.2	1.5	ANNUAL	SRCGP5	5	
595430.3	4130052	2.88529	43.08	43.08	1.5	ANNUAL	SRCGP5	5	
595450.3	4130052	2.82696	43.26	43.26	1.5	ANNUAL	SRCGP5	5	
594490.3	4130072	0.063	46.16	46.16	1.5	ANNUAL	SRCGP5	5	
594510.3	4130072	0.06461	46.59	46.59	1.5	ANNUAL	SRCGP5	5	
594550.3	4130072	0.06818	46.73	46.73	1.5	ANNUAL	SRCGP5	5	
594570.3	4130072	0.07024	46.28	46.28	1.5	ANNUAL	SRCGP5	5	
594790.3	4130072	0.11215	45.62	45.62	1.5	ANNUAL	SRCGP5	5	
594810.3	4130072	0.12127	45.65	45.65	1.5	ANNUAL	SRCGP5	5	
594830.3	4130072	0.1326	45.61	45.61	1.5	ANNUAL	SRCGP5	5	
594850.3	4130072	0.14662	45.54	45.54	1.5	ANNUAL	SRCGP5	5	
594870.3	4130072	0.16433	45.22	45.22	1.5	ANNUAL	SRCGP5	5	
594890.3	4130072	0.18602	45.09	45.09	1.5	ANNUAL	SRCGP5	5	
594910.3	4130072	0.21286	45.09	45.09	1.5	ANNUAL	SRCGP5	5	
594930.3	4130072	0.24672	45.01	45.01	1.5	ANNUAL	SRCGP5	5	
594950.3	4130072	0.28909	44.99	44.99	1.5	ANNUAL	SRCGP5	5	
594970.3	4130072	0.34325	44.64	44.64	1.5	ANNUAL	SRCGP5	5	
595010.3	4130072	0.48972	44.42	44.42	1.5	ANNUAL	SRCGP5	5	
595030.3	4130072	0.58596	44.35	44.35	1.5	ANNUAL	SRCGP5	5	
595050.3	4130072	0.70037	44.22	44.22	1.5	ANNUAL	SRCGP5	5	
595090.3	4130072	0.98724	44.17	44.17	1.5	ANNUAL	SRCGP5	5	
595110.3	4130072	1.16376	44.05	44.05	1.5	ANNUAL	SRCGP5	5	
595150.3	4130072	1.57433	43.99	43.99	1.5	ANNUAL	SRCGP5	5	
595210.3	4130072	2.27295	43.93	43.93	1.5	ANNUAL	SRCGP5	5	
595230.3	4130072	2.50264	43.75	43.75	1.5	ANNUAL	SRCGP5	5	
595250.3	4130072	2.704	43.96	43.96	1.5	ANNUAL	SRCGP5	5	
595270.3	4130072	2.88649	43.88	43.88	1.5	ANNUAL	SRCGP5	5	
595430.3	4130072	3.14633	43.02	43.02	1.5	ANNUAL	SRCGP5	5	
595450.3	4130072	3.05629	43.1	43.1	1.5	ANNUAL	SRCGP5	5	
594510.3	4130092	0.06946	46.34	46.34	1.5	ANNUAL	SRCGP5	5	
594550.3	4130092	0.07376	46.5	46.5	1.5	ANNUAL	SRCGP5	5	
594570.3	4130092	0.07617	46.22	46.22	1.5	ANNUAL	SRCGP5	5	
595010.3	4130092	0.56077	44.23	44.23	1.5	ANNUAL	SRCGP5	5	
595030.3	4130092	0.67787	44.22	44.22	1.5	ANNUAL	SRCGP5	5	
595050.3	4130092	0.81965	44.04	44.04	1.5	ANNUAL	SRCGP5	5	
595090.3	4130092	1.1781	44.03	44.03	1.5	ANNUAL	SRCGP5	5	
595110.3	4130092	1.39892	43.96	43.96	1.5	ANNUAL	SRCGP5	5	
595150.3	4130092	1.91136	43.8	43.8	1.5	ANNUAL	SRCGP5	5	
595170.3	4130092	2.1898	43.76	43.76	1.5	ANNUAL	SRCGP5	5	
595190.3	4130092	2.46666	43.9	43.9	1.5	ANNUAL	SRCGP5	5	
595210.3	4130092	2.73976	43.88	43.88	1.5	ANNUAL	SRCGP5	5	
595230.3	4130092	2.99334	43.86	43.86	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595250.3	4130092	3.21871	43.77	43.77	1.5	ANNUAL	SRCGP5	5	
595430.3	4130092	3.40533	42.96	42.96	1.5	ANNUAL	SRCGP5	5	
595450.3	4130092	3.27541	43.04	43.04	1.5	ANNUAL	SRCGP5	5	
594510.3	4130112	0.07462	46.21	46.21	1.5	ANNUAL	SRCGP5	5	
594530.3	4130112	0.07709	46.37	46.37	1.5	ANNUAL	SRCGP5	5	
594550.3	4130112	0.07978	46.31	46.31	1.5	ANNUAL	SRCGP5	5	
594570.3	4130112	0.08398	46.07	46.07	1.5	ANNUAL	SRCGP5	5	
595010.3	4130112	0.64844	44.14	44.14	1.5	ANNUAL	SRCGP5	5	
595030.3	4130112	0.79455	44.04	44.04	1.5	ANNUAL	SRCGP5	5	
595050.3	4130112	0.97136	43.97	43.97	1.5	ANNUAL	SRCGP5	5	
595090.3	4130112	1.42708	43.94	43.94	1.5	ANNUAL	SRCGP5	5	
595110.3	4130112	1.70953	43.79	43.79	1.5	ANNUAL	SRCGP5	5	
595130.3	4130112	2.02372	43.56	43.56	1.5	ANNUAL	SRCGP5	5	
595150.3	4130112	2.35391	43.53	43.53	1.5	ANNUAL	SRCGP5	5	
595170.3	4130112	2.69018	43.59	43.59	1.5	ANNUAL	SRCGP5	5	
595190.3	4130112	3.01235	43.9	43.9	1.5	ANNUAL	SRCGP5	5	
595210.3	4130112	3.32515	43.88	43.88	1.5	ANNUAL	SRCGP5	5	
595230.3	4130112	3.60887	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595250.3	4130112	3.83883	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595430.3	4130112	3.6513	42.89	42.89	1.5	ANNUAL	SRCGP5	5	
595450.3	4130112	3.47663	42.89	42.89	1.5	ANNUAL	SRCGP5	5	
594510.3	4130132	0.08175	45.89	45.89	1.5	ANNUAL	SRCGP5	5	
594530.3	4130132	0.08474	45.93	45.93	1.5	ANNUAL	SRCGP5	5	
594550.3	4130132	0.08786	46	46	1.5	ANNUAL	SRCGP5	5	
594570.3	4130132	0.09123	45.87	45.87	1.5	ANNUAL	SRCGP5	5	
595010.3	4130132	0.75995	44.01	44.01	1.5	ANNUAL	SRCGP5	5	
595030.3	4130132	0.94293	44.04	44.04	1.5	ANNUAL	SRCGP5	5	
595050.3	4130132	1.17029	43.89	43.89	1.5	ANNUAL	SRCGP5	5	
595090.3	4130132	1.76026	43.83	43.83	1.5	ANNUAL	SRCGP5	5	
595110.3	4130132	2.12579	43.61	43.61	1.5	ANNUAL	SRCGP5	5	
595130.3	4130132	2.52481	43.39	43.39	1.5	ANNUAL	SRCGP5	5	
595150.3	4130132	2.93408	43.41	43.41	1.5	ANNUAL	SRCGP5	5	
595170.3	4130132	3.33527	43.62	43.62	1.5	ANNUAL	SRCGP5	5	
595190.3	4130132	3.71937	43.74	43.74	1.5	ANNUAL	SRCGP5	5	
595210.3	4130132	4.06784	43.76	43.76	1.5	ANNUAL	SRCGP5	5	
595230.3	4130132	4.35916	43.77	43.77	1.5	ANNUAL	SRCGP5	5	
595250.3	4130132	4.58183	43.74	43.74	1.5	ANNUAL	SRCGP5	5	
595430.3	4130132	3.87253	42.69	42.69	1.5	ANNUAL	SRCGP5	5	
595450.3	4130132	3.64482	42.8	42.8	1.5	ANNUAL	SRCGP5	5	
595010.3	4130152	0.90503	43.85	43.85	1.5	ANNUAL	SRCGP5	5	
595030.3	4130152	1.14346	43.77	43.77	1.5	ANNUAL	SRCGP5	5	
595050.3	4130152	1.43964	43.73	43.73	1.5	ANNUAL	SRCGP5	5	
595090.3	4130152	2.21624	43.71	43.71	1.5	ANNUAL	SRCGP5	5	
595110.3	4130152	2.68776	43.6	43.6	1.5	ANNUAL	SRCGP5	5	
595130.3	4130152	3.19904	43.32	43.32	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.3	4130152	3.71164	43.24	43.24	1.5	ANNUAL	SRCGP5	5	
595170.3	4130152	4.18939	43.5	43.5	1.5	ANNUAL	SRCGP5	5	
595190.3	4130152	4.63857	43.44	43.44	1.5	ANNUAL	SRCGP5	5	
595210.3	4130152	5.01941	43.35	43.35	1.5	ANNUAL	SRCGP5	5	
595230.3	4130152	5.29308	43.56	43.56	1.5	ANNUAL	SRCGP5	5	
595250.3	4130152	5.47721	43.57	43.57	1.5	ANNUAL	SRCGP5	5	
595430.3	4130152	4.04825	42.6	42.6	1.5	ANNUAL	SRCGP5	5	
595450.3	4130152	3.76844	42.66	42.66	1.5	ANNUAL	SRCGP5	5	
594490.3	4130352	0.18423	45.24	45.24	1.5	ANNUAL	SRCGP5	5	
594510.3	4130352	0.19725	44.82	44.82	1.5	ANNUAL	SRCGP5	5	
594530.3	4130352	0.21182	44.4	44.4	1.5	ANNUAL	SRCGP5	5	
594550.3	4130352	0.22792	44.19	44.19	1.5	ANNUAL	SRCGP5	5	
594570.3	4130352	0.24645	43.75	43.75	1.5	ANNUAL	SRCGP5	5	
594490.3	4130372	0.20124	44.82	44.82	1.5	ANNUAL	SRCGP5	5	
594510.3	4130372	0.21653	44.21	44.21	1.5	ANNUAL	SRCGP5	5	
594530.3	4130372	0.23354	43.77	43.77	1.5	ANNUAL	SRCGP5	5	
594550.3	4130372	0.25232	43.63	43.63	1.5	ANNUAL	SRCGP5	5	
594570.3	4130372	0.27367	43.47	43.47	1.5	ANNUAL	SRCGP5	5	
594470.3	4130392	0.20597	43.76	43.76	1.5	ANNUAL	SRCGP5	5	
594490.3	4130392	0.22078	43.97	43.97	1.5	ANNUAL	SRCGP5	5	
594550.3	4130392	0.2798	43.23	43.23	1.5	ANNUAL	SRCGP5	5	
594570.3	4130392	0.30462	43.27	43.27	1.5	ANNUAL	SRCGP5	5	
594470.3	4130412	0.22498	43.34	43.34	1.5	ANNUAL	SRCGP5	5	
594490.3	4130412	0.2422	43.48	43.48	1.5	ANNUAL	SRCGP5	5	
594530.3	4130412	0.28512	42.96	42.96	1.5	ANNUAL	SRCGP5	5	
594550.3	4130412	0.31051	43.07	43.07	1.5	ANNUAL	SRCGP5	5	
594570.3	4130412	0.33973	43.15	43.15	1.5	ANNUAL	SRCGP5	5	
594470.3	4130432	0.24562	43.29	43.29	1.5	ANNUAL	SRCGP5	5	
594490.3	4130432	0.26555	43.36	43.36	1.5	ANNUAL	SRCGP5	5	
594530.3	4130432	0.31487	43.06	43.06	1.5	ANNUAL	SRCGP5	5	
594550.3	4130432	0.34497	42.99	42.99	1.5	ANNUAL	SRCGP5	5	
595474.5	4130151	3.44638	42.33	42.33	1.5	ANNUAL	SRCGP5	5	
595514.5	4130151	2.9533	42.17	42.17	1.5	ANNUAL	SRCGP5	5	
595534.5	4130151	2.72941	42.05	42.05	1.5	ANNUAL	SRCGP5	5	
595554.5	4130151	2.52043	42.01	42.01	1.5	ANNUAL	SRCGP5	5	
595594.5	4130151	2.14912	41.92	41.92	1.5	ANNUAL	SRCGP5	5	
595614.5	4130151	1.98488	41.99	41.99	1.5	ANNUAL	SRCGP5	5	
595634.5	4130151	1.83464	42.03	42.03	1.5	ANNUAL	SRCGP5	5	
595674.5	4130151	1.57354	41.79	41.79	1.5	ANNUAL	SRCGP5	5	
595694.5	4130151	1.45881	41.86	41.86	1.5	ANNUAL	SRCGP5	5	
595714.5	4130151	1.35474	41.8	41.8	1.5	ANNUAL	SRCGP5	5	
595734.5	4130151	1.2601	41.67	41.67	1.5	ANNUAL	SRCGP5	5	
595774.5	4130151	1.09398	41.48	41.48	1.5	ANNUAL	SRCGP5	5	
595794.5	4130151	1.02151	41.39	41.39	1.5	ANNUAL	SRCGP5	5	
595434.5	4130171	4.09536	42.27	42.27	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595454.5	4130171	3.77233	42.13	42.13	1.5	ANNUAL	SRCGP5	5	
595474.5	4130171	3.46756	42.04	42.04	1.5	ANNUAL	SRCGP5	5	
595514.5	4130171	2.92243	41.74	41.74	1.5	ANNUAL	SRCGP5	5	
595534.5	4130171	2.68082	41.7	41.7	1.5	ANNUAL	SRCGP5	5	
595554.5	4130171	2.46009	41.64	41.64	1.5	ANNUAL	SRCGP5	5	
595594.5	4130171	2.0751	41.67	41.67	1.5	ANNUAL	SRCGP5	5	
595614.5	4130171	1.90908	41.62	41.62	1.5	ANNUAL	SRCGP5	5	
595634.5	4130171	1.75841	41.6	41.6	1.5	ANNUAL	SRCGP5	5	
595674.5	4130171	1.49833	41.44	41.44	1.5	ANNUAL	SRCGP5	5	
595694.5	4130171	1.38633	41.43	41.43	1.5	ANNUAL	SRCGP5	5	
595714.5	4130171	1.28481	41.43	41.43	1.5	ANNUAL	SRCGP5	5	
595734.5	4130171	1.19275	41.25	41.25	1.5	ANNUAL	SRCGP5	5	
595774.5	4130171	1.03319	41.25	41.25	1.5	ANNUAL	SRCGP5	5	
595794.5	4130171	0.96406	41.19	41.19	1.5	ANNUAL	SRCGP5	5	
595434.5	4130211	4.07378	42.45	42.45	1.5	ANNUAL	SRCGP5	5	
595474.5	4130211	3.32201	42.11	42.11	1.5	ANNUAL	SRCGP5	5	
595494.5	4130211	3.00014	42.24	42.24	1.5	ANNUAL	SRCGP5	5	
595514.5	4130211	2.7172	42.06	42.06	1.5	ANNUAL	SRCGP5	5	
595534.5	4130211	2.46455	41.95	41.95	1.5	ANNUAL	SRCGP5	5	
595574.5	4130211	2.0409	41.51	41.51	1.5	ANNUAL	SRCGP5	5	
595594.5	4130211	1.86059	41.82	41.82	1.5	ANNUAL	SRCGP5	5	
595614.5	4130211	1.70278	41.66	41.66	1.5	ANNUAL	SRCGP5	5	
595634.5	4130211	1.5609	41.66	41.66	1.5	ANNUAL	SRCGP5	5	
595654.5	4130211	1.43419	41.67	41.67	1.5	ANNUAL	SRCGP5	5	
595674.5	4130211	1.32068	41.71	41.71	1.5	ANNUAL	SRCGP5	5	
595694.5	4130211	1.21964	41.56	41.56	1.5	ANNUAL	SRCGP5	5	
595714.5	4130211	1.12855	41.52	41.52	1.5	ANNUAL	SRCGP5	5	
595734.5	4130211	1.04661	41.47	41.47	1.5	ANNUAL	SRCGP5	5	
595774.5	4130211	0.90603	41.13	41.13	1.5	ANNUAL	SRCGP5	5	
595794.5	4130211	0.84534	40.99	40.99	1.5	ANNUAL	SRCGP5	5	
595434.5	4130231	3.93873	42.42	42.42	1.5	ANNUAL	SRCGP5	5	
595474.5	4130231	3.16388	41.98	41.98	1.5	ANNUAL	SRCGP5	5	
595494.5	4130231	2.84046	42.09	42.09	1.5	ANNUAL	SRCGP5	5	
595514.5	4130231	2.55975	41.94	41.94	1.5	ANNUAL	SRCGP5	5	
595534.5	4130231	2.31214	41.87	41.87	1.5	ANNUAL	SRCGP5	5	
595574.5	4130231	1.90339	41.43	41.43	1.5	ANNUAL	SRCGP5	5	
595594.5	4130231	1.73281	41.69	41.69	1.5	ANNUAL	SRCGP5	5	
595614.5	4130231	1.58292	41.59	41.59	1.5	ANNUAL	SRCGP5	5	
595634.5	4130231	1.44965	41.63	41.63	1.5	ANNUAL	SRCGP5	5	
595654.5	4130231	1.3313	41.58	41.58	1.5	ANNUAL	SRCGP5	5	
595674.5	4130231	1.22589	41.55	41.55	1.5	ANNUAL	SRCGP5	5	
595694.5	4130231	1.13178	41.5	41.5	1.5	ANNUAL	SRCGP5	5	
595714.5	4130231	1.04756	41.33	41.33	1.5	ANNUAL	SRCGP5	5	
595734.5	4130231	0.97197	41.19	41.19	1.5	ANNUAL	SRCGP5	5	
595774.5	4130231	0.84242	41.05	41.05	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.5	4130231	0.78673	40.93	40.93	1.5	ANNUAL	SRCGP5	5	
595434.5	4130251	3.72516	42.32	42.32	1.5	ANNUAL	SRCGP5	5	
595474.5	4130251	2.95846	41.76	41.76	1.5	ANNUAL	SRCGP5	5	
595494.5	4130251	2.64437	41.87	41.87	1.5	ANNUAL	SRCGP5	5	
595514.5	4130251	2.37316	41.88	41.88	1.5	ANNUAL	SRCGP5	5	
595534.5	4130251	2.14003	41.66	41.66	1.5	ANNUAL	SRCGP5	5	
595574.5	4130251	1.75455	41.38	41.38	1.5	ANNUAL	SRCGP5	5	
595594.5	4130251	1.59652	41.62	41.62	1.5	ANNUAL	SRCGP5	5	
595614.5	4130251	1.4576	41.63	41.63	1.5	ANNUAL	SRCGP5	5	
595634.5	4130251	1.33501	41.53	41.53	1.5	ANNUAL	SRCGP5	5	
595654.5	4130251	1.22644	41.51	41.51	1.5	ANNUAL	SRCGP5	5	
595674.5	4130251	1.13002	41.44	41.44	1.5	ANNUAL	SRCGP5	5	
595694.5	4130251	1.04411	41.36	41.36	1.5	ANNUAL	SRCGP5	5	
595714.5	4130251	0.96733	41.33	41.33	1.5	ANNUAL	SRCGP5	5	
595734.5	4130251	0.89851	41.2	41.2	1.5	ANNUAL	SRCGP5	5	
595774.5	4130251	0.78071	41.06	41.06	1.5	ANNUAL	SRCGP5	5	
595794.5	4130251	0.72982	40.81	40.81	1.5	ANNUAL	SRCGP5	5	
595474.5	4130271	2.71541	41.63	41.63	1.5	ANNUAL	SRCGP5	5	
595494.5	4130271	2.42191	41.68	41.68	1.5	ANNUAL	SRCGP5	5	
595514.5	4130271	2.17061	41.64	41.64	1.5	ANNUAL	SRCGP5	5	
595534.5	4130271	1.95312	41.62	41.62	1.5	ANNUAL	SRCGP5	5	
595574.5	4130271	1.60066	41.26	41.26	1.5	ANNUAL	SRCGP5	5	
595594.5	4130271	1.45719	41.54	41.54	1.5	ANNUAL	SRCGP5	5	
595614.5	4130271	1.33148	41.36	41.36	1.5	ANNUAL	SRCGP5	5	
595774.5	4130271	0.72145	40.98	40.98	1.5	ANNUAL	SRCGP5	5	
595794.5	4130271	0.67577	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
595474.5	4130291	2.44913	41.37	41.37	1.5	ANNUAL	SRCGP5	5	
595494.5	4130291	2.18378	41.47	41.47	1.5	ANNUAL	SRCGP5	5	
595514.5	4130291	1.95703	41.31	41.31	1.5	ANNUAL	SRCGP5	5	
595534.5	4130291	1.76209	41.15	41.15	1.5	ANNUAL	SRCGP5	5	
595574.5	4130291	1.44749	41.18	41.18	1.5	ANNUAL	SRCGP5	5	
595594.5	4130291	1.31991	41.46	41.46	1.5	ANNUAL	SRCGP5	5	
595614.5	4130291	1.2082	41.26	41.26	1.5	ANNUAL	SRCGP5	5	
595654.5	4130291	1.02291	41.34	41.34	1.5	ANNUAL	SRCGP5	5	
595674.5	4130291	0.94577	41.27	41.27	1.5	ANNUAL	SRCGP5	5	
595694.5	4130291	0.87702	41.31	41.31	1.5	ANNUAL	SRCGP5	5	
595714.5	4130291	0.81557	41.17	41.17	1.5	ANNUAL	SRCGP5	5	
595734.5	4130291	0.76032	41.1	41.1	1.5	ANNUAL	SRCGP5	5	
595774.5	4130291	0.66531	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
595794.5	4130291	0.6243	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
595474.5	4130311	2.17634	41.31	41.31	1.5	ANNUAL	SRCGP5	5	
595494.5	4130311	1.94348	41.36	41.36	1.5	ANNUAL	SRCGP5	5	
595514.5	4130311	1.74498	41.29	41.29	1.5	ANNUAL	SRCGP5	5	
595534.5	4130311	1.57463	41.26	41.26	1.5	ANNUAL	SRCGP5	5	
595574.5	4130311	1.29917	40.98	40.98	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.5	4130311	1.18857	41.26	41.26	1.5	ANNUAL	SRCGP5	5	
595614.5	4130311	1.09088	41.17	41.17	1.5	ANNUAL	SRCGP5	5	
595654.5	4130311	0.92858	41.15	41.15	1.5	ANNUAL	SRCGP5	5	
595674.5	4130311	0.86082	41.14	41.14	1.5	ANNUAL	SRCGP5	5	
595694.5	4130311	0.80033	41.23	41.23	1.5	ANNUAL	SRCGP5	5	
595714.5	4130311	0.74606	41.11	41.11	1.5	ANNUAL	SRCGP5	5	
595734.5	4130311	0.69697	40.94	40.94	1.5	ANNUAL	SRCGP5	5	
595774.5	4130311	0.61287	40.74	40.74	1.5	ANNUAL	SRCGP5	5	
595794.5	4130311	0.57655	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
595474.5	4130331	1.91026	41.06	41.06	1.5	ANNUAL	SRCGP5	5	
595494.5	4130331	1.71223	41.13	41.13	1.5	ANNUAL	SRCGP5	5	
595514.5	4130331	1.54219	41.05	41.05	1.5	ANNUAL	SRCGP5	5	
595534.5	4130331	1.39608	40.96	40.96	1.5	ANNUAL	SRCGP5	5	
595574.5	4130331	1.16085	40.96	40.96	1.5	ANNUAL	SRCGP5	5	
595594.5	4130331	1.06585	41.2	41.2	1.5	ANNUAL	SRCGP5	5	
595614.5	4130331	0.98134	41.07	41.07	1.5	ANNUAL	SRCGP5	5	
595654.5	4130331	0.8405	40.97	40.97	1.5	ANNUAL	SRCGP5	5	
595674.5	4130331	0.78164	40.99	40.99	1.5	ANNUAL	SRCGP5	5	
595694.5	4130331	0.72925	41.23	41.23	1.5	ANNUAL	SRCGP5	5	
595714.5	4130331	0.68162	41.05	41.05	1.5	ANNUAL	SRCGP5	5	
595734.5	4130331	0.63856	40.91	40.91	1.5	ANNUAL	SRCGP5	5	
595774.5	4130331	0.56428	40.66	40.66	1.5	ANNUAL	SRCGP5	5	
595794.5	4130331	0.53222	40.6	40.6	1.5	ANNUAL	SRCGP5	5	
595414.5	4130351	2.36672	41.2	41.2	1.5	ANNUAL	SRCGP5	5	
595434.5	4130351	2.08968	41.19	41.19	1.5	ANNUAL	SRCGP5	5	
595474.5	4130351	1.66308	41.08	41.08	1.5	ANNUAL	SRCGP5	5	
595494.5	4130351	1.498	41.14	41.14	1.5	ANNUAL	SRCGP5	5	
595514.5	4130351	1.35523	40.98	40.98	1.5	ANNUAL	SRCGP5	5	
595534.5	4130351	1.23302	40.97	40.97	1.5	ANNUAL	SRCGP5	5	
595574.5	4130351	1.03368	40.83	40.83	1.5	ANNUAL	SRCGP5	5	
595594.5	4130351	0.95338	41.1	41.1	1.5	ANNUAL	SRCGP5	5	
595614.5	4130351	0.88102	40.97	40.97	1.5	ANNUAL	SRCGP5	5	
595694.5	4130351	0.66392	41.09	41.09	1.5	ANNUAL	SRCGP5	5	
595714.5	4130351	0.62243	41	41	1.5	ANNUAL	SRCGP5	5	
595734.5	4130351	0.58461	40.77	40.77	1.5	ANNUAL	SRCGP5	5	
595774.5	4130351	0.5198	40.76	40.76	1.5	ANNUAL	SRCGP5	5	
595794.5	4130351	0.49102	40.43	40.43	1.5	ANNUAL	SRCGP5	5	
595414.5	4130371	2.00735	41	41	1.5	ANNUAL	SRCGP5	5	
595434.5	4130371	1.78527	41.02	41.02	1.5	ANNUAL	SRCGP5	5	
595474.5	4130371	1.43887	40.85	40.85	1.5	ANNUAL	SRCGP5	5	
595494.5	4130371	1.30415	40.93	40.93	1.5	ANNUAL	SRCGP5	5	
595514.5	4130371	1.18688	40.82	40.82	1.5	ANNUAL	SRCGP5	5	
595534.5	4130371	1.08532	40.74	40.74	1.5	ANNUAL	SRCGP5	5	
595574.5	4130371	0.9194	40.73	40.73	1.5	ANNUAL	SRCGP5	5	
595594.5	4130371	0.8516	40.93	40.93	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595614.5	4130371	0.79022	40.79	40.79	1.5	ANNUAL	SRCGP5	5	
595654.5	4130371	0.68761	40.92	40.92	1.5	ANNUAL	SRCGP5	5	
595674.5	4130371	0.6437	40.87	40.87	1.5	ANNUAL	SRCGP5	5	
595694.5	4130371	0.60433	40.94	40.94	1.5	ANNUAL	SRCGP5	5	
595714.5	4130371	0.56842	40.9	40.9	1.5	ANNUAL	SRCGP5	5	
595734.5	4130371	0.53554	40.73	40.73	1.5	ANNUAL	SRCGP5	5	
595774.5	4130371	0.47858	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
595794.5	4130371	0.45337	40.41	40.41	1.5	ANNUAL	SRCGP5	5	
595414.5	4130391	1.69625	41.01	41.01	1.5	ANNUAL	SRCGP5	5	
595434.5	4130391	1.52033	40.91	40.91	1.5	ANNUAL	SRCGP5	5	
595474.5	4130391	1.24439	40.81	40.81	1.5	ANNUAL	SRCGP5	5	
595494.5	4130391	1.13509	40.83	40.83	1.5	ANNUAL	SRCGP5	5	
595514.5	4130391	1.03935	40.71	40.71	1.5	ANNUAL	SRCGP5	5	
595534.5	4130391	0.9557	40.6	40.6	1.5	ANNUAL	SRCGP5	5	
595614.5	4130391	0.70946	40.69	40.69	1.5	ANNUAL	SRCGP5	5	
595654.5	4130391	0.6222	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
595674.5	4130391	0.58473	40.89	40.89	1.5	ANNUAL	SRCGP5	5	
595694.5	4130391	0.55054	40.85	40.85	1.5	ANNUAL	SRCGP5	5	
595714.5	4130391	0.51937	40.78	40.78	1.5	ANNUAL	SRCGP5	5	
595734.5	4130391	0.49089	40.69	40.69	1.5	ANNUAL	SRCGP5	5	
595774.5	4130391	0.44104	40.6	40.6	1.5	ANNUAL	SRCGP5	5	
595794.5	4130391	0.41885	40.39	40.39	1.5	ANNUAL	SRCGP5	5	
595414.5	4130411	1.432	40.72	40.72	1.5	ANNUAL	SRCGP5	5	
595434.5	4130411	1.29628	40.77	40.77	1.5	ANNUAL	SRCGP5	5	
595614.5	4130411	0.63805	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
595654.5	4130411	0.56364	40.69	40.69	1.5	ANNUAL	SRCGP5	5	
595674.5	4130411	0.53137	40.67	40.67	1.5	ANNUAL	SRCGP5	5	
595694.5	4130411	0.502	40.68	40.68	1.5	ANNUAL	SRCGP5	5	
595714.5	4130411	0.47518	40.71	40.71	1.5	ANNUAL	SRCGP5	5	
595734.5	4130411	0.4504	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
595774.5	4130411	0.40654	40.4	40.4	1.5	ANNUAL	SRCGP5	5	
595794.5	4130411	0.38721	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
595414.5	4130431	1.21817	40.71	40.71	1.5	ANNUAL	SRCGP5	5	
595434.5	4130431	1.11121	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
595454.5	4130431	1.01733	40.4	40.4	1.5	ANNUAL	SRCGP5	5	
595474.5	4130431	0.93798	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
595494.5	4130431	0.86649	40.55	40.55	1.5	ANNUAL	SRCGP5	5	
595514.5	4130431	0.80364	40.57	40.57	1.5	ANNUAL	SRCGP5	5	
595614.5	4130431	0.57526	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
595774.5	4130431	0.37547	40.4	40.4	1.5	ANNUAL	SRCGP5	5	
595794.5	4130431	0.35843	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
595414.5	4130451	1.04589	40.69	40.69	1.5	ANNUAL	SRCGP5	5	
595434.5	4130451	0.9612	40.59	40.59	1.5	ANNUAL	SRCGP5	5	
595454.5	4130451	0.88607	40.36	40.36	1.5	ANNUAL	SRCGP5	5	
595474.5	4130451	0.82209	40.59	40.59	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595494.5	4130451	0.76443	40.67	40.67	1.5	ANNUAL	SRCGP5	5	
595514.5	4130451	0.71217	40.56	40.56	1.5	ANNUAL	SRCGP5	5	
595614.5	4130451	0.52057	40.53	40.53	1.5	ANNUAL	SRCGP5	5	
595634.5	4130451	0.49248	40.72	40.72	1.5	ANNUAL	SRCGP5	5	
595654.5	4130451	0.46606	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
595674.5	4130451	0.44221	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
595694.5	4130451	0.41998	40.45	40.45	1.5	ANNUAL	SRCGP5	5	
595714.5	4130451	0.39964	40.42	40.42	1.5	ANNUAL	SRCGP5	5	
595734.5	4130451	0.381	40.5	40.5	1.5	ANNUAL	SRCGP5	5	
595774.5	4130451	0.34724	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595794.5	4130451	0.33225	40.33	40.33	1.5	ANNUAL	SRCGP5	5	
595414.5	4130471	0.90845	40.7	40.7	1.5	ANNUAL	SRCGP5	5	
595434.5	4130471	0.84031	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
595454.5	4130471	0.77872	40.3	40.3	1.5	ANNUAL	SRCGP5	5	
595474.5	4130471	0.72658	40.59	40.59	1.5	ANNUAL	SRCGP5	5	
595494.5	4130471	0.67891	40.67	40.67	1.5	ANNUAL	SRCGP5	5	
595514.5	4130471	0.63565	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
595614.5	4130471	0.47284	40.44	40.44	1.5	ANNUAL	SRCGP5	5	
595634.5	4130471	0.44859	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
595654.5	4130471	0.42585	40.47	40.47	1.5	ANNUAL	SRCGP5	5	
595674.5	4130471	0.40512	40.5	40.5	1.5	ANNUAL	SRCGP5	5	
595694.5	4130471	0.3857	40.36	40.36	1.5	ANNUAL	SRCGP5	5	
595714.5	4130471	0.36775	40.23	40.23	1.5	ANNUAL	SRCGP5	5	
595734.5	4130471	0.35138	40.29	40.29	1.5	ANNUAL	SRCGP5	5	
595774.5	4130471	0.32179	40.25	40.25	1.5	ANNUAL	SRCGP5	5	
595794.5	4130471	0.30848	40.24	40.24	1.5	ANNUAL	SRCGP5	5	
595414.5	4130491	0.79834	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
595434.5	4130491	0.74245	40.59	40.59	1.5	ANNUAL	SRCGP5	5	
595454.5	4130491	0.69107	40.2	40.2	1.5	ANNUAL	SRCGP5	5	
595474.5	4130491	0.64735	40.42	40.42	1.5	ANNUAL	SRCGP5	5	
595494.5	4130491	0.60734	40.49	40.49	1.5	ANNUAL	SRCGP5	5	
595514.5	4130491	0.57133	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
595614.5	4130491	0.43139	40.26	40.26	1.5	ANNUAL	SRCGP5	5	
595634.5	4130491	0.41038	40.42	40.42	1.5	ANNUAL	SRCGP5	5	
595654.5	4130491	0.39059	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
595674.5	4130491	0.37236	40.31	40.31	1.5	ANNUAL	SRCGP5	5	
595694.5	4130491	0.35552	40.31	40.31	1.5	ANNUAL	SRCGP5	5	
595714.5	4130491	0.33967	40.15	40.15	1.5	ANNUAL	SRCGP5	5	
595734.5	4130491	0.32519	40.2	40.2	1.5	ANNUAL	SRCGP5	5	
594970.7	4130091	0.3861	44.35	44.35	1.5	ANNUAL	SRCGP5	5	
595473.2	4129914	1.52111	43.66	43.66	1.5	ANNUAL	SRCGP5	5	
595513.2	4129914	1.55553	43.35	43.35	1.5	ANNUAL	SRCGP5	5	
595533.2	4129914	1.55882	43.57	43.57	1.5	ANNUAL	SRCGP5	5	
595553.2	4129914	1.55693	43.62	43.62	1.5	ANNUAL	SRCGP5	5	
595573.2	4129914	1.55012	43.52	43.52	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4129914	1.52043	43.31	43.31	1.5	ANNUAL	SRCGP5	5	
595633.2	4129914	1.49791	43.31	43.31	1.5	ANNUAL	SRCGP5	5	
595673.2	4129914	1.44418	42.87	42.87	1.5	ANNUAL	SRCGP5	5	
595693.2	4129914	1.41074	43	43	1.5	ANNUAL	SRCGP5	5	
595713.2	4129914	1.37648	42.82	42.82	1.5	ANNUAL	SRCGP5	5	
595733.2	4129914	1.33974	42.74	42.74	1.5	ANNUAL	SRCGP5	5	
595773.2	4129914	1.26238	42.48	42.48	1.5	ANNUAL	SRCGP5	5	
595793.2	4129914	1.22217	42.39	42.39	1.5	ANNUAL	SRCGP5	5	
595473.2	4129934	1.67087	43.44	43.44	1.5	ANNUAL	SRCGP5	5	
595513.2	4129934	1.69145	43.2	43.2	1.5	ANNUAL	SRCGP5	5	
595533.2	4129934	1.68794	43.29	43.29	1.5	ANNUAL	SRCGP5	5	
595553.2	4129934	1.67739	43.38	43.38	1.5	ANNUAL	SRCGP5	5	
595573.2	4129934	1.6605	43.47	43.47	1.5	ANNUAL	SRCGP5	5	
595613.2	4129934	1.6142	43.12	43.12	1.5	ANNUAL	SRCGP5	5	
595633.2	4129934	1.58319	43.06	43.06	1.5	ANNUAL	SRCGP5	5	
595673.2	4129934	1.51132	42.78	42.78	1.5	ANNUAL	SRCGP5	5	
595693.2	4129934	1.46982	42.89	42.89	1.5	ANNUAL	SRCGP5	5	
595713.2	4129934	1.42733	42.81	42.81	1.5	ANNUAL	SRCGP5	5	
595733.2	4129934	1.38361	42.66	42.66	1.5	ANNUAL	SRCGP5	5	
595773.2	4129934	1.29282	42.47	42.47	1.5	ANNUAL	SRCGP5	5	
595793.2	4129934	1.24688	42.36	42.36	1.5	ANNUAL	SRCGP5	5	
595473.2	4129954	1.8339	43.17	43.17	1.5	ANNUAL	SRCGP5	5	
595513.2	4129954	1.83625	42.98	42.98	1.5	ANNUAL	SRCGP5	5	
595533.2	4129954	1.82259	43.09	43.09	1.5	ANNUAL	SRCGP5	5	
595553.2	4129954	1.80229	43.11	43.11	1.5	ANNUAL	SRCGP5	5	
595573.2	4129954	1.77542	43.13	43.13	1.5	ANNUAL	SRCGP5	5	
595613.2	4129954	1.70583	43.09	43.09	1.5	ANNUAL	SRCGP5	5	
595633.2	4129954	1.66467	43.03	43.03	1.5	ANNUAL	SRCGP5	5	
595673.2	4129954	1.57393	42.7	42.7	1.5	ANNUAL	SRCGP5	5	
595693.2	4129954	1.52361	42.8	42.8	1.5	ANNUAL	SRCGP5	5	
595713.2	4129954	1.47339	42.6	42.6	1.5	ANNUAL	SRCGP5	5	
595733.2	4129954	1.42148	42.55	42.55	1.5	ANNUAL	SRCGP5	5	
595773.2	4129954	1.31686	42.44	42.44	1.5	ANNUAL	SRCGP5	5	
595793.2	4129954	1.26522	42.3	42.3	1.5	ANNUAL	SRCGP5	5	
595473.2	4129974	2.00731	43.09	43.09	1.5	ANNUAL	SRCGP5	5	
595513.2	4129974	1.98628	42.94	42.94	1.5	ANNUAL	SRCGP5	5	
595533.2	4129974	1.96123	42.94	42.94	1.5	ANNUAL	SRCGP5	5	
595553.2	4129974	1.92763	43.04	43.04	1.5	ANNUAL	SRCGP5	5	
595613.2	4129974	1.79478	42.97	42.97	1.5	ANNUAL	SRCGP5	5	
595633.2	4129974	1.74228	42.89	42.89	1.5	ANNUAL	SRCGP5	5	
595673.2	4129974	1.6303	42.59	42.59	1.5	ANNUAL	SRCGP5	5	
595693.2	4129974	1.57068	42.66	42.66	1.5	ANNUAL	SRCGP5	5	
595713.2	4129974	1.51119	42.58	42.58	1.5	ANNUAL	SRCGP5	5	
595733.2	4129974	1.45198	42.4	42.4	1.5	ANNUAL	SRCGP5	5	
595773.2	4129974	1.3342	42.19	42.19	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4129974	1.27606	42.3	42.3	1.5	ANNUAL	SRCGP5	5	
595473.2	4129994	2.19223	42.95	42.95	1.5	ANNUAL	SRCGP5	5	
595513.2	4129994	2.14119	42.86	42.86	1.5	ANNUAL	SRCGP5	5	
595533.2	4129994	2.10098	42.87	42.87	1.5	ANNUAL	SRCGP5	5	
595553.2	4129994	2.05293	42.91	42.91	1.5	ANNUAL	SRCGP5	5	
595613.2	4129994	1.87786	42.84	42.84	1.5	ANNUAL	SRCGP5	5	
595633.2	4129994	1.81222	42.84	42.84	1.5	ANNUAL	SRCGP5	5	
595673.2	4129994	1.67823	42.47	42.47	1.5	ANNUAL	SRCGP5	5	
595693.2	4129994	1.60828	42.65	42.65	1.5	ANNUAL	SRCGP5	5	
595713.2	4129994	1.54036	42.5	42.5	1.5	ANNUAL	SRCGP5	5	
595733.2	4129994	1.47327	42.33	42.33	1.5	ANNUAL	SRCGP5	5	
595773.2	4129994	1.34222	42.21	42.21	1.5	ANNUAL	SRCGP5	5	
595793.2	4129994	1.27924	42.2	42.2	1.5	ANNUAL	SRCGP5	5	
595473.2	4130014	2.38364	42.98	42.98	1.5	ANNUAL	SRCGP5	5	
595513.2	4130014	2.29788	42.75	42.75	1.5	ANNUAL	SRCGP5	5	
595533.2	4130014	2.23835	42.88	42.88	1.5	ANNUAL	SRCGP5	5	
595553.2	4130014	2.17334	42.87	42.87	1.5	ANNUAL	SRCGP5	5	
595593.2	4130014	2.03096	42.52	42.52	1.5	ANNUAL	SRCGP5	5	
595613.2	4130014	1.952	42.71	42.71	1.5	ANNUAL	SRCGP5	5	
595633.2	4130014	1.87296	42.7	42.7	1.5	ANNUAL	SRCGP5	5	
595673.2	4130014	1.71542	42.38	42.38	1.5	ANNUAL	SRCGP5	5	
595693.2	4130014	1.63589	42.53	42.53	1.5	ANNUAL	SRCGP5	5	
595713.2	4130014	1.55922	42.41	42.41	1.5	ANNUAL	SRCGP5	5	
595733.2	4130014	1.48453	42.26	42.26	1.5	ANNUAL	SRCGP5	5	
595773.2	4130014	1.34135	42.18	42.18	1.5	ANNUAL	SRCGP5	5	
595793.2	4130014	1.27393	42.11	42.11	1.5	ANNUAL	SRCGP5	5	
595473.2	4130034	2.58128	42.9	42.9	1.5	ANNUAL	SRCGP5	5	
595513.2	4130034	2.45071	42.74	42.74	1.5	ANNUAL	SRCGP5	5	
595533.2	4130034	2.37133	42.76	42.76	1.5	ANNUAL	SRCGP5	5	
595553.2	4130034	2.28632	42.76	42.76	1.5	ANNUAL	SRCGP5	5	
595593.2	4130034	2.1081	42.44	42.44	1.5	ANNUAL	SRCGP5	5	
595613.2	4130034	2.01323	42.69	42.69	1.5	ANNUAL	SRCGP5	5	
595633.2	4130034	1.92082	42.61	42.61	1.5	ANNUAL	SRCGP5	5	
595673.2	4130034	1.74037	42.24	42.24	1.5	ANNUAL	SRCGP5	5	
595693.2	4130034	1.65124	42.43	42.43	1.5	ANNUAL	SRCGP5	5	
595713.2	4130034	1.56645	42.32	42.32	1.5	ANNUAL	SRCGP5	5	
595733.2	4130034	1.48471	42.22	42.22	1.5	ANNUAL	SRCGP5	5	
595773.2	4130034	1.33106	42.14	42.14	1.5	ANNUAL	SRCGP5	5	
595793.2	4130034	1.25988	42.03	42.03	1.5	ANNUAL	SRCGP5	5	
595473.2	4130054	2.77886	42.8	42.8	1.5	ANNUAL	SRCGP5	5	
595513.2	4130054	2.59661	42.61	42.61	1.5	ANNUAL	SRCGP5	5	
595533.2	4130054	2.49413	42.57	42.57	1.5	ANNUAL	SRCGP5	5	
595553.2	4130054	2.38669	42.62	42.62	1.5	ANNUAL	SRCGP5	5	
595593.2	4130054	2.17033	42.34	42.34	1.5	ANNUAL	SRCGP5	5	
595613.2	4130054	2.05972	42.59	42.59	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595633.2	4130054	1.95363	42.49	42.49	1.5	ANNUAL	SRCGP5	5	
595673.2	4130054	1.75081	42.16	42.16	1.5	ANNUAL	SRCGP5	5	
595693.2	4130054	1.65341	42.29	42.29	1.5	ANNUAL	SRCGP5	5	
595713.2	4130054	1.56125	42.22	42.22	1.5	ANNUAL	SRCGP5	5	
595733.2	4130054	1.47373	42.09	42.09	1.5	ANNUAL	SRCGP5	5	
595773.2	4130054	1.31086	42.19	42.19	1.5	ANNUAL	SRCGP5	5	
595793.2	4130054	1.23735	41.9	41.9	1.5	ANNUAL	SRCGP5	5	
595473.2	4130074	2.96929	42.7	42.7	1.5	ANNUAL	SRCGP5	5	
595513.2	4130074	2.72867	42.43	42.43	1.5	ANNUAL	SRCGP5	5	
595533.2	4130074	2.59867	42.53	42.53	1.5	ANNUAL	SRCGP5	5	
595553.2	4130074	2.46893	42.49	42.49	1.5	ANNUAL	SRCGP5	5	
595593.2	4130074	2.21422	42.2	42.2	1.5	ANNUAL	SRCGP5	5	
595613.2	4130074	2.08896	42.35	42.35	1.5	ANNUAL	SRCGP5	5	
595633.2	4130074	1.96889	42.38	42.38	1.5	ANNUAL	SRCGP5	5	
595673.2	4130074	1.7461	42.03	42.03	1.5	ANNUAL	SRCGP5	5	
595693.2	4130074	1.64113	42.2	42.2	1.5	ANNUAL	SRCGP5	5	
595713.2	4130074	1.54284	42.18	42.18	1.5	ANNUAL	SRCGP5	5	
595733.2	4130074	1.45084	42.01	42.01	1.5	ANNUAL	SRCGP5	5	
595773.2	4130074	1.2823	41.96	41.96	1.5	ANNUAL	SRCGP5	5	
595793.2	4130074	1.20642	41.81	41.81	1.5	ANNUAL	SRCGP5	5	
595473.2	4130094	3.14425	42.58	42.58	1.5	ANNUAL	SRCGP5	5	
595513.2	4130094	2.83775	42.37	42.37	1.5	ANNUAL	SRCGP5	5	
595533.2	4130094	2.68143	42.4	42.4	1.5	ANNUAL	SRCGP5	5	
595553.2	4130094	2.52801	42.37	42.37	1.5	ANNUAL	SRCGP5	5	
595593.2	4130094	2.23535	42.17	42.17	1.5	ANNUAL	SRCGP5	5	
595613.2	4130094	2.09599	42.32	42.32	1.5	ANNUAL	SRCGP5	5	
595633.2	4130094	1.96447	42.33	42.33	1.5	ANNUAL	SRCGP5	5	
595673.2	4130094	1.72496	41.97	41.97	1.5	ANNUAL	SRCGP5	5	
595693.2	4130094	1.6144	42.11	42.11	1.5	ANNUAL	SRCGP5	5	
595713.2	4130094	1.5117	42.1	42.1	1.5	ANNUAL	SRCGP5	5	
595733.2	4130094	1.41674	41.88	41.88	1.5	ANNUAL	SRCGP5	5	
595773.2	4130094	1.24465	41.82	41.82	1.5	ANNUAL	SRCGP5	5	
595793.2	4130094	1.16804	41.67	41.67	1.5	ANNUAL	SRCGP5	5	
595473.2	4130114	3.29201	42.56	42.56	1.5	ANNUAL	SRCGP5	5	
595513.2	4130114	2.91809	42.3	42.3	1.5	ANNUAL	SRCGP5	5	
595533.2	4130114	2.73555	42.26	42.26	1.5	ANNUAL	SRCGP5	5	
595553.2	4130114	2.55967	42.21	42.21	1.5	ANNUAL	SRCGP5	5	
595593.2	4130114	2.23298	42.02	42.02	1.5	ANNUAL	SRCGP5	5	
595613.2	4130114	2.08083	42.27	42.27	1.5	ANNUAL	SRCGP5	5	
595633.2	4130114	1.94072	42.14	42.14	1.5	ANNUAL	SRCGP5	5	
595673.2	4130114	1.68802	41.87	41.87	1.5	ANNUAL	SRCGP5	5	
595693.2	4130114	1.57375	41.98	41.98	1.5	ANNUAL	SRCGP5	5	
595713.2	4130114	1.46866	41.93	41.93	1.5	ANNUAL	SRCGP5	5	
595733.2	4130114	1.37194	41.76	41.76	1.5	ANNUAL	SRCGP5	5	
595773.2	4130114	1.19909	41.7	41.7	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4130114	1.12268	41.51	41.51	1.5	ANNUAL	SRCGP5	5	
595473.2	4130134	3.40536	42.41	42.41	1.5	ANNUAL	SRCGP5	5	
595513.2	4130134	2.96277	42.23	42.23	1.5	ANNUAL	SRCGP5	5	
595533.2	4130134	2.75534	42.17	42.17	1.5	ANNUAL	SRCGP5	5	
595553.2	4130134	2.55891	42.16	42.16	1.5	ANNUAL	SRCGP5	5	
595593.2	4130134	2.20386	42	42	1.5	ANNUAL	SRCGP5	5	
595613.2	4130134	2.04311	42.16	42.16	1.5	ANNUAL	SRCGP5	5	
595633.2	4130134	1.89576	42.11	42.11	1.5	ANNUAL	SRCGP5	5	
595673.2	4130134	1.63586	41.76	41.76	1.5	ANNUAL	SRCGP5	5	
595693.2	4130134	1.51953	41.95	41.95	1.5	ANNUAL	SRCGP5	5	
595713.2	4130134	1.41406	41.85	41.85	1.5	ANNUAL	SRCGP5	5	
595733.2	4130134	1.31755	41.68	41.68	1.5	ANNUAL	SRCGP5	5	
595773.2	4130134	1.14668	41.62	41.62	1.5	ANNUAL	SRCGP5	5	
595793.2	4130134	1.07167	41.43	41.43	1.5	ANNUAL	SRCGP5	5	
594298	4130502	0.17735	42.76	42.76	1.5	ANNUAL	SRCGP5	5	
594318	4130502	0.18895	42.79	42.79	1.5	ANNUAL	SRCGP5	5	
594338	4130502	0.20183	42.79	42.79	1.5	ANNUAL	SRCGP5	5	
594358	4130502	0.2163	42.61	42.61	1.5	ANNUAL	SRCGP5	5	
594378	4130502	0.23245	42.45	42.45	1.5	ANNUAL	SRCGP5	5	
594398	4130502	0.25034	42.44	42.44	1.5	ANNUAL	SRCGP5	5	
594418	4130502	0.27021	42.6	42.6	1.5	ANNUAL	SRCGP5	5	
594438	4130502	0.29342	42.24	42.24	1.5	ANNUAL	SRCGP5	5	
594458	4130502	0.31895	42.35	42.35	1.5	ANNUAL	SRCGP5	5	
594498	4130502	0.38165	42.37	42.37	1.5	ANNUAL	SRCGP5	5	
594518	4130502	0.4195	42.63	42.63	1.5	ANNUAL	SRCGP5	5	
594538	4130502	0.46419	42.53	42.53	1.5	ANNUAL	SRCGP5	5	
594298	4130522	0.18978	42.61	42.61	1.5	ANNUAL	SRCGP5	5	
594318	4130522	0.20272	42.51	42.51	1.5	ANNUAL	SRCGP5	5	
594338	4130522	0.21726	42.22	42.22	1.5	ANNUAL	SRCGP5	5	
594358	4130522	0.23294	42.44	42.44	1.5	ANNUAL	SRCGP5	5	
594378	4130522	0.25106	42.11	42.11	1.5	ANNUAL	SRCGP5	5	
594398	4130522	0.27106	42.04	42.04	1.5	ANNUAL	SRCGP5	5	
594418	4130522	0.2935	42.03	42.03	1.5	ANNUAL	SRCGP5	5	
594438	4130522	0.31887	41.99	41.99	1.5	ANNUAL	SRCGP5	5	
594458	4130522	0.34739	42.1	42.1	1.5	ANNUAL	SRCGP5	5	
594498	4130522	0.41745	42.08	42.08	1.5	ANNUAL	SRCGP5	5	
594518	4130522	0.46062	41.98	41.98	1.5	ANNUAL	SRCGP5	5	
594538	4130522	0.50954	42.22	42.22	1.5	ANNUAL	SRCGP5	5	
594298	4130542	0.20312	42.39	42.39	1.5	ANNUAL	SRCGP5	5	
594318	4130542	0.21732	42.35	42.35	1.5	ANNUAL	SRCGP5	5	
594358	4130542	0.25098	41.94	41.94	1.5	ANNUAL	SRCGP5	5	
594418	4130542	0.3175	41.79	41.79	1.5	ANNUAL	SRCGP5	5	
594438	4130542	0.34545	41.78	41.78	1.5	ANNUAL	SRCGP5	5	
594458	4130542	0.37671	41.99	41.99	1.5	ANNUAL	SRCGP5	5	
594498	4130542	0.45366	42	42	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594518	4130542	0.50117	41.79	41.79	1.5	ANNUAL	SRCGP5	5	
594538	4130542	0.55463	42.03	42.03	1.5	ANNUAL	SRCGP5	5	
594298	4130562	0.21729	42.12	42.12	1.5	ANNUAL	SRCGP5	5	
594318	4130562	0.23308	41.8	41.8	1.5	ANNUAL	SRCGP5	5	
594798	4130622	2.11275	40.79	40.79	1.5	ANNUAL	SRCGP5	5	
594818	4130622	2.22468	40.8	40.8	1.5	ANNUAL	SRCGP5	5	
594838	4130622	2.32209	40.83	40.83	1.5	ANNUAL	SRCGP5	5	
594858	4130622	2.40517	41.04	41.04	1.5	ANNUAL	SRCGP5	5	
594878	4130622	2.46353	41.03	41.03	1.5	ANNUAL	SRCGP5	5	
594898	4130622	2.49773	40.95	40.95	1.5	ANNUAL	SRCGP5	5	
594918	4130622	2.5041	40.75	40.75	1.5	ANNUAL	SRCGP5	5	
594938	4130622	2.49138	40.91	40.91	1.5	ANNUAL	SRCGP5	5	
594958	4130622	2.4475	41.06	41.06	1.5	ANNUAL	SRCGP5	5	
594978	4130622	2.36179	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
594998	4130622	2.24624	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
595018	4130622	2.09649	40.76	40.76	1.5	ANNUAL	SRCGP5	5	
595038	4130622	1.92447	40.9	40.9	1.5	ANNUAL	SRCGP5	5	
595058	4130622	1.73382	40.93	40.93	1.5	ANNUAL	SRCGP5	5	
595078	4130622	1.53855	40.84	40.84	1.5	ANNUAL	SRCGP5	5	
595118	4130622	1.19375	40.61	40.61	1.5	ANNUAL	SRCGP5	5	
595138	4130622	1.06065	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
595158	4130622	0.95328	40.48	40.48	1.5	ANNUAL	SRCGP5	5	
595198	4130622	0.79534	40.38	40.38	1.5	ANNUAL	SRCGP5	5	
595218	4130622	0.73496	40.2	40.2	1.5	ANNUAL	SRCGP5	5	
595238	4130622	0.68483	40.28	40.28	1.5	ANNUAL	SRCGP5	5	
595578	4130622	0.29136	39.46	39.46	1.5	ANNUAL	SRCGP5	5	
595598	4130622	0.27957	39.52	39.52	1.5	ANNUAL	SRCGP5	5	
595618	4130622	0.26838	39.49	39.49	1.5	ANNUAL	SRCGP5	5	
595638	4130622	0.25784	39.43	39.43	1.5	ANNUAL	SRCGP5	5	
595658	4130622	0.24804	39.48	39.48	1.5	ANNUAL	SRCGP5	5	
595678	4130622	0.23876	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
595778	4130622	0.19993	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
594758	4130642	1.71596	40.38	40.38	1.5	ANNUAL	SRCGP5	5	
594778	4130642	1.81419	40.61	40.61	1.5	ANNUAL	SRCGP5	5	
594798	4130642	1.90009	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
594818	4130642	1.97478	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
594838	4130642	2.03542	40.56	40.56	1.5	ANNUAL	SRCGP5	5	
594858	4130642	2.0835	40.68	40.68	1.5	ANNUAL	SRCGP5	5	
594878	4130642	2.11348	40.67	40.67	1.5	ANNUAL	SRCGP5	5	
594898	4130642	2.12746	40.69	40.69	1.5	ANNUAL	SRCGP5	5	
594918	4130642	2.1202	40.52	40.52	1.5	ANNUAL	SRCGP5	5	
594938	4130642	2.1022	40.8	40.8	1.5	ANNUAL	SRCGP5	5	
594958	4130642	2.05729	40.82	40.82	1.5	ANNUAL	SRCGP5	5	
594978	4130642	1.98664	40.77	40.77	1.5	ANNUAL	SRCGP5	5	
594998	4130642	1.8895	40.68	40.68	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595018	4130642	1.7674	40.57	40.57	1.5	ANNUAL	SRCGP5	5	
595038	4130642	1.62991	40.79	40.79	1.5	ANNUAL	SRCGP5	5	
595058	4130642	1.47638	40.77	40.77	1.5	ANNUAL	SRCGP5	5	
595078	4130642	1.31975	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
595118	4130642	1.04263	40.47	40.47	1.5	ANNUAL	SRCGP5	5	
595138	4130642	0.93338	40.42	40.42	1.5	ANNUAL	SRCGP5	5	
595158	4130642	0.84397	40.41	40.41	1.5	ANNUAL	SRCGP5	5	
595198	4130642	0.70929	40.25	40.25	1.5	ANNUAL	SRCGP5	5	
595218	4130642	0.65728	40.07	40.07	1.5	ANNUAL	SRCGP5	5	
595238	4130642	0.61291	39.92	39.92	1.5	ANNUAL	SRCGP5	5	
595278	4130642	0.54199	39.83	39.83	1.5	ANNUAL	SRCGP5	5	
595298	4130642	0.51361	40.01	40.01	1.5	ANNUAL	SRCGP5	5	
595318	4130642	0.48784	40.05	40.05	1.5	ANNUAL	SRCGP5	5	
595338	4130642	0.46385	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
595378	4130642	0.42206	39.67	39.67	1.5	ANNUAL	SRCGP5	5	
595398	4130642	0.40336	39.65	39.65	1.5	ANNUAL	SRCGP5	5	
595418	4130642	0.38552	39.52	39.52	1.5	ANNUAL	SRCGP5	5	
595438	4130642	0.36877	39.45	39.45	1.5	ANNUAL	SRCGP5	5	
595478	4130642	0.33842	39.63	39.63	1.5	ANNUAL	SRCGP5	5	
595498	4130642	0.32399	39.45	39.45	1.5	ANNUAL	SRCGP5	5	
595518	4130642	0.31058	39.44	39.44	1.5	ANNUAL	SRCGP5	5	
595538	4130642	0.29806	39.56	39.56	1.5	ANNUAL	SRCGP5	5	
595578	4130642	0.27426	39.18	39.18	1.5	ANNUAL	SRCGP5	5	
595598	4130642	0.26356	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595618	4130642	0.25344	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
595638	4130642	0.24393	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595658	4130642	0.23493	39.18	39.18	1.5	ANNUAL	SRCGP5	5	
595678	4130642	0.22646	39.21	39.21	1.5	ANNUAL	SRCGP5	5	
595718	4130642	0.21082	39.19	39.19	1.5	ANNUAL	SRCGP5	5	
595738	4130642	0.20367	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
595758	4130642	0.19674	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595778	4130642	0.19028	38.99	38.99	1.5	ANNUAL	SRCGP5	5	
594538	4130662	0.73523	40.75	40.75	1.5	ANNUAL	SRCGP5	5	
594558	4130662	0.79657	40.57	40.57	1.5	ANNUAL	SRCGP5	5	
594578	4130662	0.86366	40.72	40.72	1.5	ANNUAL	SRCGP5	5	
594598	4130662	0.93429	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
594618	4130662	1.00896	40.51	40.51	1.5	ANNUAL	SRCGP5	5	
594718	4130662	1.41984	40.36	40.36	1.5	ANNUAL	SRCGP5	5	
594738	4130662	1.49691	40.07	40.07	1.5	ANNUAL	SRCGP5	5	
594758	4130662	1.57196	40.08	40.08	1.5	ANNUAL	SRCGP5	5	
594778	4130662	1.64131	40.2	40.2	1.5	ANNUAL	SRCGP5	5	
594798	4130662	1.70045	40.23	40.23	1.5	ANNUAL	SRCGP5	5	
594818	4130662	1.74974	40.31	40.31	1.5	ANNUAL	SRCGP5	5	
594838	4130662	1.78548	40.25	40.25	1.5	ANNUAL	SRCGP5	5	
594858	4130662	1.8129	40.41	40.41	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594878	4130662	1.82677	40.45	40.45	1.5	ANNUAL	SRCGP5	5	
594898	4130662	1.82902	40.5	40.5	1.5	ANNUAL	SRCGP5	5	
594918	4130662	1.81482	40.3	40.3	1.5	ANNUAL	SRCGP5	5	
594938	4130662	1.79435	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
594958	4130662	1.75521	40.72	40.72	1.5	ANNUAL	SRCGP5	5	
594978	4130662	1.69206	40.49	40.49	1.5	ANNUAL	SRCGP5	5	
594998	4130662	1.61324	40.57	40.57	1.5	ANNUAL	SRCGP5	5	
595018	4130662	1.51201	40.43	40.43	1.5	ANNUAL	SRCGP5	5	
595038	4130662	1.40011	40.73	40.73	1.5	ANNUAL	SRCGP5	5	
595058	4130662	1.27345	40.58	40.58	1.5	ANNUAL	SRCGP5	5	
595078	4130662	1.14587	40.44	40.44	1.5	ANNUAL	SRCGP5	5	
595118	4130662	0.91939	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595138	4130662	0.82877	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595158	4130662	0.75336	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595198	4130662	0.63747	40.08	40.08	1.5	ANNUAL	SRCGP5	5	
595218	4130662	0.59256	39.97	39.97	1.5	ANNUAL	SRCGP5	5	
595238	4130662	0.55398	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
595278	4130662	0.49125	39.73	39.73	1.5	ANNUAL	SRCGP5	5	
595298	4130662	0.46622	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
595318	4130662	0.44344	39.83	39.83	1.5	ANNUAL	SRCGP5	5	
595338	4130662	0.42286	39.72	39.72	1.5	ANNUAL	SRCGP5	5	
595378	4130662	0.38703	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
595398	4130662	0.37098	39.53	39.53	1.5	ANNUAL	SRCGP5	5	
595418	4130662	0.35568	39.37	39.37	1.5	ANNUAL	SRCGP5	5	
595438	4130662	0.34141	39.33	39.33	1.5	ANNUAL	SRCGP5	5	
595478	4130662	0.31519	39.44	39.44	1.5	ANNUAL	SRCGP5	5	
595498	4130662	0.30286	39.42	39.42	1.5	ANNUAL	SRCGP5	5	
595518	4130662	0.29105	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
595538	4130662	0.27994	39.41	39.41	1.5	ANNUAL	SRCGP5	5	
595578	4130662	0.25876	39.06	39.06	1.5	ANNUAL	SRCGP5	5	
595598	4130662	0.24909	39	39	1.5	ANNUAL	SRCGP5	5	
595618	4130662	0.24001	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595638	4130662	0.23135	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595658	4130662	0.2231	39	39	1.5	ANNUAL	SRCGP5	5	
595678	4130662	0.2153	39	39	1.5	ANNUAL	SRCGP5	5	
595698	4130662	0.20797	39.07	39.07	1.5	ANNUAL	SRCGP5	5	
595718	4130662	0.20086	38.94	38.94	1.5	ANNUAL	SRCGP5	5	
595738	4130662	0.19432	39.1	39.1	1.5	ANNUAL	SRCGP5	5	
595758	4130662	0.18794	39	39	1.5	ANNUAL	SRCGP5	5	
595778	4130662	0.18196	39.01	39.01	1.5	ANNUAL	SRCGP5	5	
595798	4130662	0.17613	38.79	38.79	1.5	ANNUAL	SRCGP5	5	
594418	4130682	0.471	40.87	40.87	1.5	ANNUAL	SRCGP5	5	
594438	4130682	0.5077	40.87	40.87	1.5	ANNUAL	SRCGP5	5	
594458	4130682	0.5474	40.79	40.79	1.5	ANNUAL	SRCGP5	5	
594478	4130682	0.59038	40.7	40.7	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498	4130682	0.63725	40.83	40.83	1.5	ANNUAL	SRCGP5	5	
594518	4130682	0.68684	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
594538	4130682	0.74016	40.52	40.52	1.5	ANNUAL	SRCGP5	5	
594558	4130682	0.7969	40.43	40.43	1.5	ANNUAL	SRCGP5	5	
594578	4130682	0.85751	40.5	40.5	1.5	ANNUAL	SRCGP5	5	
594598	4130682	0.92105	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
594618	4130682	0.98698	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
594718	4130682	1.32255	40.22	40.22	1.5	ANNUAL	SRCGP5	5	
594738	4130682	1.37909	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
594758	4130682	1.43364	39.86	39.86	1.5	ANNUAL	SRCGP5	5	
594778	4130682	1.4818	39.95	39.95	1.5	ANNUAL	SRCGP5	5	
594798	4130682	1.52227	40.09	40.09	1.5	ANNUAL	SRCGP5	5	
594818	4130682	1.55281	40.15	40.15	1.5	ANNUAL	SRCGP5	5	
594838	4130682	1.57133	39.99	39.99	1.5	ANNUAL	SRCGP5	5	
594858	4130682	1.58496	40.12	40.12	1.5	ANNUAL	SRCGP5	5	
594878	4130682	1.58994	40.23	40.23	1.5	ANNUAL	SRCGP5	5	
594898	4130682	1.58633	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
594918	4130682	1.56936	40.08	40.08	1.5	ANNUAL	SRCGP5	5	
594938	4130682	1.54875	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
594958	4130682	1.51259	40.38	40.38	1.5	ANNUAL	SRCGP5	5	
594978	4130682	1.46121	40.39	40.39	1.5	ANNUAL	SRCGP5	5	
594998	4130682	1.39366	40.4	40.4	1.5	ANNUAL	SRCGP5	5	
595018	4130682	1.30948	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595038	4130682	1.21628	40.62	40.62	1.5	ANNUAL	SRCGP5	5	
595058	4130682	1.11136	40.47	40.47	1.5	ANNUAL	SRCGP5	5	
595078	4130682	1.00702	40.48	40.48	1.5	ANNUAL	SRCGP5	5	
595118	4130682	0.8185	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
595138	4130682	0.74093	40.12	40.12	1.5	ANNUAL	SRCGP5	5	
595158	4130682	0.67721	40.21	40.21	1.5	ANNUAL	SRCGP5	5	
595198	4130682	0.57726	40.01	40.01	1.5	ANNUAL	SRCGP5	5	
595218	4130682	0.53828	39.99	39.99	1.5	ANNUAL	SRCGP5	5	
595238	4130682	0.50418	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
595278	4130682	0.44805	39.63	39.63	1.5	ANNUAL	SRCGP5	5	
595298	4130682	0.42563	39.76	39.76	1.5	ANNUAL	SRCGP5	5	
595318	4130682	0.40566	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
595338	4130682	0.38716	39.6	39.6	1.5	ANNUAL	SRCGP5	5	
595378	4130682	0.35574	39.42	39.42	1.5	ANNUAL	SRCGP5	5	
595398	4130682	0.34207	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
595418	4130682	0.32858	39.14	39.14	1.5	ANNUAL	SRCGP5	5	
595438	4130682	0.31626	39.06	39.06	1.5	ANNUAL	SRCGP5	5	
595478	4130682	0.29392	39.32	39.32	1.5	ANNUAL	SRCGP5	5	
595498	4130682	0.28323	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
595518	4130682	0.273	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
595538	4130682	0.26321	39.33	39.33	1.5	ANNUAL	SRCGP5	5	
595578	4130682	0.24468	39.22	39.22	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598	4130682	0.23609	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
595618	4130682	0.22789	39.27	39.27	1.5	ANNUAL	SRCGP5	5	
595638	4130682	0.21998	39.21	39.21	1.5	ANNUAL	SRCGP5	5	
595658	4130682	0.21246	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595678	4130682	0.2053	39.14	39.14	1.5	ANNUAL	SRCGP5	5	
595698	4130682	0.19834	38.92	38.92	1.5	ANNUAL	SRCGP5	5	
595718	4130682	0.19178	38.79	38.79	1.5	ANNUAL	SRCGP5	5	
595738	4130682	0.18576	38.98	38.98	1.5	ANNUAL	SRCGP5	5	
595758	4130682	0.17995	39.06	39.06	1.5	ANNUAL	SRCGP5	5	
595778	4130682	0.17436	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595798	4130682	0.16874	38.55	38.55	1.5	ANNUAL	SRCGP5	5	
594318	4130702	0.34141	40.53	40.53	1.5	ANNUAL	SRCGP5	5	
594338	4130702	0.36558	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
594358	4130702	0.39158	40.54	40.54	1.5	ANNUAL	SRCGP5	5	
594378	4130702	0.41999	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
594398	4130702	0.45067	40.66	40.66	1.5	ANNUAL	SRCGP5	5	
594418	4130702	0.48374	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
594438	4130702	0.51944	40.63	40.63	1.5	ANNUAL	SRCGP5	5	
594458	4130702	0.55769	40.56	40.56	1.5	ANNUAL	SRCGP5	5	
594478	4130702	0.5987	40.52	40.52	1.5	ANNUAL	SRCGP5	5	
594498	4130702	0.64287	40.64	40.64	1.5	ANNUAL	SRCGP5	5	
594518	4130702	0.689	40.46	40.46	1.5	ANNUAL	SRCGP5	5	
594538	4130702	0.73813	40.44	40.44	1.5	ANNUAL	SRCGP5	5	
594558	4130702	0.78923	40.3	40.3	1.5	ANNUAL	SRCGP5	5	
594578	4130702	0.84287	40.29	40.29	1.5	ANNUAL	SRCGP5	5	
594598	4130702	0.89849	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
594618	4130702	0.95415	40.16	40.16	1.5	ANNUAL	SRCGP5	5	
595278	4130702	0.41099	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
595298	4130702	0.39062	39.58	39.58	1.5	ANNUAL	SRCGP5	5	
595318	4130702	0.37274	39.73	39.73	1.5	ANNUAL	SRCGP5	5	
595338	4130702	0.35619	39.54	39.54	1.5	ANNUAL	SRCGP5	5	
595378	4130702	0.32819	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
595398	4130702	0.31597	39.26	39.26	1.5	ANNUAL	SRCGP5	5	
595418	4130702	0.30434	39.02	39.02	1.5	ANNUAL	SRCGP5	5	
595438	4130702	0.29354	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
595478	4130702	0.27422	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
595498	4130702	0.26502	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595518	4130702	0.2562	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
595538	4130702	0.24753	39.18	39.18	1.5	ANNUAL	SRCGP5	5	
595578	4130702	0.23127	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595598	4130702	0.22361	39.18	39.18	1.5	ANNUAL	SRCGP5	5	
595618	4130702	0.21629	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
595638	4130702	0.20909	39.09	39.09	1.5	ANNUAL	SRCGP5	5	
595658	4130702	0.20213	38.86	38.86	1.5	ANNUAL	SRCGP5	5	
595678	4130702	0.19571	38.95	38.95	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698	4130702	0.18944	38.87	38.87	1.5	ANNUAL	SRCGP5	5	
595718	4130702	0.18369	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
595738	4130702	0.178	39.16	39.16	1.5	ANNUAL	SRCGP5	5	
595758	4130702	0.1725	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595778	4130702	0.16738	39.18	39.18	1.5	ANNUAL	SRCGP5	5	
595798	4130702	0.16223	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
594318	4130722	0.35328	40.39	40.39	1.5	ANNUAL	SRCGP5	5	
594338	4130722	0.37742	40.5	40.5	1.5	ANNUAL	SRCGP5	5	
594358	4130722	0.40324	40.44	40.44	1.5	ANNUAL	SRCGP5	5	
594378	4130722	0.43102	40.39	40.39	1.5	ANNUAL	SRCGP5	5	
594398	4130722	0.46099	40.45	40.45	1.5	ANNUAL	SRCGP5	5	
594418	4130722	0.49312	40.52	40.52	1.5	ANNUAL	SRCGP5	5	
594438	4130722	0.52723	40.47	40.47	1.5	ANNUAL	SRCGP5	5	
594458	4130722	0.56343	40.39	40.39	1.5	ANNUAL	SRCGP5	5	
594478	4130722	0.60179	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
594498	4130722	0.64267	40.43	40.43	1.5	ANNUAL	SRCGP5	5	
594518	4130722	0.68512	40.38	40.38	1.5	ANNUAL	SRCGP5	5	
594538	4130722	0.72912	40.27	40.27	1.5	ANNUAL	SRCGP5	5	
594558	4130722	0.77442	40.13	40.13	1.5	ANNUAL	SRCGP5	5	
594578	4130722	0.82142	40.15	40.15	1.5	ANNUAL	SRCGP5	5	
594598	4130722	0.86881	40.1	40.1	1.5	ANNUAL	SRCGP5	5	
594618	4130722	0.91625	40.04	40.04	1.5	ANNUAL	SRCGP5	5	
594678	4130722	1.05326	40.05	40.05	1.5	ANNUAL	SRCGP5	5	
594698	4130722	1.09378	40.01	40.01	1.5	ANNUAL	SRCGP5	5	
594718	4130722	1.12927	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
594758	4130722	1.18525	39.57	39.57	1.5	ANNUAL	SRCGP5	5	
594778	4130722	1.20662	39.66	39.66	1.5	ANNUAL	SRCGP5	5	
594798	4130722	1.22075	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
594818	4130722	1.22984	39.62	39.62	1.5	ANNUAL	SRCGP5	5	
594838	4130722	1.23346	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
594858	4130722	1.23419	39.71	39.71	1.5	ANNUAL	SRCGP5	5	
594878	4130722	1.22941	39.69	39.69	1.5	ANNUAL	SRCGP5	5	
594898	4130722	1.22084	39.71	39.71	1.5	ANNUAL	SRCGP5	5	
594938	4130722	1.18766	39.8	39.8	1.5	ANNUAL	SRCGP5	5	
594958	4130722	1.16117	40.05	40.05	1.5	ANNUAL	SRCGP5	5	
594978	4130722	1.12279	40.13	40.13	1.5	ANNUAL	SRCGP5	5	
594998	4130722	1.07298	40.18	40.18	1.5	ANNUAL	SRCGP5	5	
595018	4130722	1.01141	40.07	40.07	1.5	ANNUAL	SRCGP5	5	
595038	4130722	0.94411	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
595058	4130722	0.8695	40.18	40.18	1.5	ANNUAL	SRCGP5	5	
595078	4130722	0.79492	40.08	40.08	1.5	ANNUAL	SRCGP5	5	
595118	4130722	0.66032	39.96	39.96	1.5	ANNUAL	SRCGP5	5	
595138	4130722	0.6047	39.98	39.98	1.5	ANNUAL	SRCGP5	5	
595158	4130722	0.5568	39.92	39.92	1.5	ANNUAL	SRCGP5	5	
595198	4130722	0.48099	39.74	39.74	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218	4130722	0.45087	39.74	39.74	1.5	ANNUAL	SRCGP5	5	
595238	4130722	0.42423	39.7	39.7	1.5	ANNUAL	SRCGP5	5	
595278	4130722	0.37926	39.52	39.52	1.5	ANNUAL	SRCGP5	5	
595298	4130722	0.36087	39.66	39.66	1.5	ANNUAL	SRCGP5	5	
595318	4130722	0.34412	39.58	39.58	1.5	ANNUAL	SRCGP5	5	
595338	4130722	0.32919	39.48	39.48	1.5	ANNUAL	SRCGP5	5	
595378	4130722	0.30377	39.23	39.23	1.5	ANNUAL	SRCGP5	5	
595398	4130722	0.29282	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
595418	4130722	0.28256	38.92	38.92	1.5	ANNUAL	SRCGP5	5	
595438	4130722	0.27295	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
595478	4130722	0.25625	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595498	4130722	0.24818	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595518	4130722	0.24042	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595538	4130722	0.23292	39.06	39.06	1.5	ANNUAL	SRCGP5	5	
595578	4130722	0.2186	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595598	4130722	0.21188	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
595618	4130722	0.20523	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
595638	4130722	0.19888	39.03	39.03	1.5	ANNUAL	SRCGP5	5	
595658	4130722	0.19255	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595678	4130722	0.18699	39.21	39.21	1.5	ANNUAL	SRCGP5	5	
595698	4130722	0.1811	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
595718	4130722	0.17583	39.14	39.14	1.5	ANNUAL	SRCGP5	5	
595738	4130722	0.17057	39.11	39.11	1.5	ANNUAL	SRCGP5	5	
595758	4130722	0.16552	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595778	4130722	0.16075	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
595798	4130722	0.15593	38.73	38.73	1.5	ANNUAL	SRCGP5	5	
594318	4130742	0.36347	40.35	40.35	1.5	ANNUAL	SRCGP5	5	
594338	4130742	0.38712	40.33	40.33	1.5	ANNUAL	SRCGP5	5	
594358	4130742	0.41248	40.36	40.36	1.5	ANNUAL	SRCGP5	5	
594378	4130742	0.43944	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
594398	4130742	0.46821	40.33	40.33	1.5	ANNUAL	SRCGP5	5	
594418	4130742	0.49899	40.49	40.49	1.5	ANNUAL	SRCGP5	5	
594438	4130742	0.53105	40.38	40.38	1.5	ANNUAL	SRCGP5	5	
594458	4130742	0.56491	40.34	40.34	1.5	ANNUAL	SRCGP5	5	
594478	4130742	0.60007	40.18	40.18	1.5	ANNUAL	SRCGP5	5	
594498	4130742	0.63741	40.31	40.31	1.5	ANNUAL	SRCGP5	5	
594518	4130742	0.67564	40.28	40.28	1.5	ANNUAL	SRCGP5	5	
594538	4130742	0.71451	40.13	40.13	1.5	ANNUAL	SRCGP5	5	
594558	4130742	0.75409	40	40	1.5	ANNUAL	SRCGP5	5	
594578	4130742	0.79488	40.1	40.1	1.5	ANNUAL	SRCGP5	5	
594598	4130742	0.83486	40.02	40.02	1.5	ANNUAL	SRCGP5	5	
594618	4130742	0.87442	39.99	39.99	1.5	ANNUAL	SRCGP5	5	
594678	4130742	0.98435	40.1	40.1	1.5	ANNUAL	SRCGP5	5	
594698	4130742	1.01541	40.13	40.13	1.5	ANNUAL	SRCGP5	5	
594718	4130742	1.0403	39.83	39.83	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594758	4130742	1.07653	39.38	39.38	1.5	ANNUAL	SRCGP5	5	
594778	4130742	1.09008	39.5	39.5	1.5	ANNUAL	SRCGP5	5	
594798	4130742	1.09897	39.62	39.62	1.5	ANNUAL	SRCGP5	5	
594818	4130742	1.10036	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
594838	4130742	1.10071	39.39	39.39	1.5	ANNUAL	SRCGP5	5	
594858	4130742	1.09885	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
594878	4130742	1.09277	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
594898	4130742	1.08501	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
594938	4130742	1.0531	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
594958	4130742	1.029	39.7	39.7	1.5	ANNUAL	SRCGP5	5	
594978	4130742	0.99645	39.95	39.95	1.5	ANNUAL	SRCGP5	5	
594998	4130742	0.95279	39.98	39.98	1.5	ANNUAL	SRCGP5	5	
595018	4130742	0.89965	39.9	39.9	1.5	ANNUAL	SRCGP5	5	
595038	4130742	0.84203	40.2	40.2	1.5	ANNUAL	SRCGP5	5	
595058	4130742	0.77856	40.15	40.15	1.5	ANNUAL	SRCGP5	5	
595078	4130742	0.71403	39.91	39.91	1.5	ANNUAL	SRCGP5	5	
595118	4130742	0.59892	39.9	39.9	1.5	ANNUAL	SRCGP5	5	
595138	4130742	0.55064	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
595158	4130742	0.50882	39.81	39.81	1.5	ANNUAL	SRCGP5	5	
595198	4130742	0.44222	39.63	39.63	1.5	ANNUAL	SRCGP5	5	
595218	4130742	0.41559	39.64	39.64	1.5	ANNUAL	SRCGP5	5	
595238	4130742	0.3919	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
595278	4130742	0.35143	39.44	39.44	1.5	ANNUAL	SRCGP5	5	
595298	4130742	0.33457	39.53	39.53	1.5	ANNUAL	SRCGP5	5	
595318	4130742	0.31949	39.62	39.62	1.5	ANNUAL	SRCGP5	5	
595338	4130742	0.30527	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
595378	4130742	0.28221	39.14	39.14	1.5	ANNUAL	SRCGP5	5	
595398	4130742	0.27242	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
595418	4130742	0.26305	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
595438	4130742	0.25446	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
595478	4130742	0.23976	38.99	38.99	1.5	ANNUAL	SRCGP5	5	
595498	4130742	0.23267	38.96	38.96	1.5	ANNUAL	SRCGP5	5	
595518	4130742	0.22582	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
595538	4130742	0.21925	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
595578	4130742	0.20674	38.98	38.98	1.5	ANNUAL	SRCGP5	5	
595598	4130742	0.20069	38.94	38.94	1.5	ANNUAL	SRCGP5	5	
595618	4130742	0.19493	39.05	39.05	1.5	ANNUAL	SRCGP5	5	
595638	4130742	0.18921	38.98	38.98	1.5	ANNUAL	SRCGP5	5	
595658	4130742	0.18355	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595678	4130742	0.17848	39.11	39.11	1.5	ANNUAL	SRCGP5	5	
595698	4130742	0.17319	38.87	38.87	1.5	ANNUAL	SRCGP5	5	
595718	4130742	0.16815	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595738	4130742	0.16337	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595758	4130742	0.15863	38.51	38.51	1.5	ANNUAL	SRCGP5	5	
595778	4130742	0.15427	38.66	38.66	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595798	4130742	0.14985	38.36	38.36	1.5	ANNUAL	SRCGP5	5	
594318	4130762	0.37143	40.07	40.07	1.5	ANNUAL	SRCGP5	5	
594338	4130762	0.39459	40.19	40.19	1.5	ANNUAL	SRCGP5	5	
594358	4130762	0.41905	40.21	40.21	1.5	ANNUAL	SRCGP5	5	
594378	4130762	0.44482	40.15	40.15	1.5	ANNUAL	SRCGP5	5	
594398	4130762	0.47204	40.13	40.13	1.5	ANNUAL	SRCGP5	5	
594418	4130762	0.50102	40.32	40.32	1.5	ANNUAL	SRCGP5	5	
594438	4130762	0.53075	40.19	40.19	1.5	ANNUAL	SRCGP5	5	
594458	4130762	0.5618	40.12	40.12	1.5	ANNUAL	SRCGP5	5	
594478	4130762	0.59371	39.97	39.97	1.5	ANNUAL	SRCGP5	5	
594498	4130762	0.62783	40.31	40.31	1.5	ANNUAL	SRCGP5	5	
594518	4130762	0.66127	40.12	40.12	1.5	ANNUAL	SRCGP5	5	
594538	4130762	0.69505	39.93	39.93	1.5	ANNUAL	SRCGP5	5	
594558	4130762	0.7292	39.83	39.83	1.5	ANNUAL	SRCGP5	5	
594578	4130762	0.76434	40.05	40.05	1.5	ANNUAL	SRCGP5	5	
594598	4130762	0.79711	39.83	39.83	1.5	ANNUAL	SRCGP5	5	
594618	4130762	0.82931	39.76	39.76	1.5	ANNUAL	SRCGP5	5	
594678	4130762	0.91665	40.06	40.06	1.5	ANNUAL	SRCGP5	5	
594698	4130762	0.93892	39.96	39.96	1.5	ANNUAL	SRCGP5	5	
594718	4130762	0.95579	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
594758	4130762	0.9794	39.29	39.29	1.5	ANNUAL	SRCGP5	5	
594778	4130762	0.9867	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
594798	4130762	0.98984	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594818	4130762	0.9902	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594838	4130762	0.98704	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
594858	4130762	0.98408	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594878	4130762	0.97722	39.2	39.2	1.5	ANNUAL	SRCGP5	5	
594898	4130762	0.96899	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
594938	4130762	0.94077	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
594958	4130762	0.91975	39.53	39.53	1.5	ANNUAL	SRCGP5	5	
594978	4130762	0.88947	39.58	39.58	1.5	ANNUAL	SRCGP5	5	
594998	4130762	0.85137	39.66	39.66	1.5	ANNUAL	SRCGP5	5	
595018	4130762	0.80527	39.63	39.63	1.5	ANNUAL	SRCGP5	5	
595038	4130762	0.75502	39.86	39.86	1.5	ANNUAL	SRCGP5	5	
595058	4130762	0.70106	39.99	39.99	1.5	ANNUAL	SRCGP5	5	
595078	4130762	0.6459	39.88	39.88	1.5	ANNUAL	SRCGP5	5	
595118	4130762	0.54587	39.8	39.8	1.5	ANNUAL	SRCGP5	5	
595138	4130762	0.50363	39.76	39.76	1.5	ANNUAL	SRCGP5	5	
595158	4130762	0.46653	39.54	39.54	1.5	ANNUAL	SRCGP5	5	
595198	4130762	0.40839	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
595218	4130762	0.38495	39.72	39.72	1.5	ANNUAL	SRCGP5	5	
595238	4130762	0.36318	39.4	39.4	1.5	ANNUAL	SRCGP5	5	
595278	4130762	0.327	39.37	39.37	1.5	ANNUAL	SRCGP5	5	
595298	4130762	0.31174	39.54	39.54	1.5	ANNUAL	SRCGP5	5	
595318	4130762	0.29734	39.29	39.29	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338	4130762	0.28458	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
595378	4130762	0.26298	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
595398	4130762	0.25402	38.96	38.96	1.5	ANNUAL	SRCGP5	5	
595418	4130762	0.24539	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
595438	4130762	0.23784	38.57	38.57	1.5	ANNUAL	SRCGP5	5	
595478	4130762	0.22464	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
595498	4130762	0.21828	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
595518	4130762	0.21227	38.74	38.74	1.5	ANNUAL	SRCGP5	5	
595538	4130762	0.20653	38.79	38.79	1.5	ANNUAL	SRCGP5	5	
595578	4130762	0.19558	38.93	38.93	1.5	ANNUAL	SRCGP5	5	
595598	4130762	0.19021	38.86	38.86	1.5	ANNUAL	SRCGP5	5	
595618	4130762	0.18511	38.97	38.97	1.5	ANNUAL	SRCGP5	5	
595638	4130762	0.17997	38.85	38.85	1.5	ANNUAL	SRCGP5	5	
595658	4130762	0.17493	38.66	38.66	1.5	ANNUAL	SRCGP5	5	
595678	4130762	0.17036	38.99	38.99	1.5	ANNUAL	SRCGP5	5	
595698	4130762	0.16563	38.85	38.85	1.5	ANNUAL	SRCGP5	5	
595718	4130762	0.161	38.62	38.62	1.5	ANNUAL	SRCGP5	5	
595738	4130762	0.15666	38.66	38.66	1.5	ANNUAL	SRCGP5	5	
595758	4130762	0.15241	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
595778	4130762	0.14832	38.59	38.59	1.5	ANNUAL	SRCGP5	5	
595798	4130762	0.14432	38.48	38.48	1.5	ANNUAL	SRCGP5	5	
594318	4130782	0.37741	39.91	39.91	1.5	ANNUAL	SRCGP5	5	
594338	4130782	0.39967	40.03	40.03	1.5	ANNUAL	SRCGP5	5	
594358	4130782	0.42301	40.08	40.08	1.5	ANNUAL	SRCGP5	5	
594378	4130782	0.44735	40.03	40.03	1.5	ANNUAL	SRCGP5	5	
594398	4130782	0.47271	39.95	39.95	1.5	ANNUAL	SRCGP5	5	
594418	4130782	0.49945	40.06	40.06	1.5	ANNUAL	SRCGP5	5	
594438	4130782	0.52679	39.99	39.99	1.5	ANNUAL	SRCGP5	5	
594458	4130782	0.55507	39.98	39.98	1.5	ANNUAL	SRCGP5	5	
594478	4130782	0.58393	39.94	39.94	1.5	ANNUAL	SRCGP5	5	
594498	4130782	0.61355	40.01	40.01	1.5	ANNUAL	SRCGP5	5	
594518	4130782	0.64307	39.94	39.94	1.5	ANNUAL	SRCGP5	5	
594538	4130782	0.67281	39.95	39.95	1.5	ANNUAL	SRCGP5	5	
594558	4130782	0.70123	39.67	39.67	1.5	ANNUAL	SRCGP5	5	
594578	4130782	0.73085	39.9	39.9	1.5	ANNUAL	SRCGP5	5	
594598	4130782	0.75904	40	40	1.5	ANNUAL	SRCGP5	5	
594618	4130782	0.78441	39.76	39.76	1.5	ANNUAL	SRCGP5	5	
594678	4130782	0.85101	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
594698	4130782	0.86608	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
594718	4130782	0.87754	39.33	39.33	1.5	ANNUAL	SRCGP5	5	
594758	4130782	0.89173	39.1	39.1	1.5	ANNUAL	SRCGP5	5	
594778	4130782	0.89575	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
594798	4130782	0.89563	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
594818	4130782	0.89462	39.23	39.23	1.5	ANNUAL	SRCGP5	5	
594838	4130782	0.88941	38.93	38.93	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130782	0.88762	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594878	4130782	0.88079	39.16	39.16	1.5	ANNUAL	SRCGP5	5	
594898	4130782	0.87244	39.08	39.08	1.5	ANNUAL	SRCGP5	5	
594938	4130782	0.84639	39.07	39.07	1.5	ANNUAL	SRCGP5	5	
594958	4130782	0.82683	39.27	39.27	1.5	ANNUAL	SRCGP5	5	
594978	4130782	0.80152	39.64	39.64	1.5	ANNUAL	SRCGP5	5	
594998	4130782	0.76672	39.55	39.55	1.5	ANNUAL	SRCGP5	5	
595018	4130782	0.72633	39.56	39.56	1.5	ANNUAL	SRCGP5	5	
595038	4130782	0.68277	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
595058	4130782	0.63506	39.86	39.86	1.5	ANNUAL	SRCGP5	5	
595078	4130782	0.58713	39.77	39.77	1.5	ANNUAL	SRCGP5	5	
595118	4130782	0.49981	39.7	39.7	1.5	ANNUAL	SRCGP5	5	
595138	4130782	0.46254	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
595158	4130782	0.43018	39.54	39.54	1.5	ANNUAL	SRCGP5	5	
595198	4130782	0.37821	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
595218	4130782	0.357	39.42	39.42	1.5	ANNUAL	SRCGP5	5	
595238	4130782	0.33811	39.39	39.39	1.5	ANNUAL	SRCGP5	5	
595278	4130782	0.30535	39.29	39.29	1.5	ANNUAL	SRCGP5	5	
595298	4130782	0.29141	39.46	39.46	1.5	ANNUAL	SRCGP5	5	
595318	4130782	0.27816	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
595338	4130782	0.26607	38.89	38.89	1.5	ANNUAL	SRCGP5	5	
595378	4130782	0.24617	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
595398	4130782	0.23764	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595418	4130782	0.22979	38.53	38.53	1.5	ANNUAL	SRCGP5	5	
595438	4130782	0.22276	38.41	38.41	1.5	ANNUAL	SRCGP5	5	
595478	4130782	0.21079	38.72	38.72	1.5	ANNUAL	SRCGP5	5	
595498	4130782	0.20507	38.57	38.57	1.5	ANNUAL	SRCGP5	5	
595518	4130782	0.19983	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
595538	4130782	0.19475	38.71	38.71	1.5	ANNUAL	SRCGP5	5	
595578	4130782	0.18506	38.83	38.83	1.5	ANNUAL	SRCGP5	5	
595598	4130782	0.18039	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
595618	4130782	0.17588	39.01	39.01	1.5	ANNUAL	SRCGP5	5	
595638	4130782	0.17119	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
595658	4130782	0.16677	38.65	38.65	1.5	ANNUAL	SRCGP5	5	
595678	4130782	0.16265	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
595698	4130782	0.15834	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
595718	4130782	0.15426	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
595738	4130782	0.15046	39.01	39.01	1.5	ANNUAL	SRCGP5	5	
595758	4130782	0.14658	38.97	38.97	1.5	ANNUAL	SRCGP5	5	
595778	4130782	0.14281	38.92	38.92	1.5	ANNUAL	SRCGP5	5	
595798	4130782	0.13907	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
594318	4130802	0.38145	39.92	39.92	1.5	ANNUAL	SRCGP5	5	
594338	4130802	0.4024	39.89	39.89	1.5	ANNUAL	SRCGP5	5	
594358	4130802	0.42447	40	40	1.5	ANNUAL	SRCGP5	5	
594378	4130802	0.44702	39.86	39.86	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130802	0.47051	39.82	39.82	1.5	ANNUAL	SRCGP5	5	
594418	4130802	0.49503	39.94	39.94	1.5	ANNUAL	SRCGP5	5	
594438	4130802	0.52007	40.01	40.01	1.5	ANNUAL	SRCGP5	5	
594458	4130802	0.54532	39.95	39.95	1.5	ANNUAL	SRCGP5	5	
594478	4130802	0.57033	39.68	39.68	1.5	ANNUAL	SRCGP5	5	
594498	4130802	0.5967	39.9	39.9	1.5	ANNUAL	SRCGP5	5	
594518	4130802	0.62234	39.87	39.87	1.5	ANNUAL	SRCGP5	5	
594538	4130802	0.64763	39.84	39.84	1.5	ANNUAL	SRCGP5	5	
594558	4130802	0.67119	39.49	39.49	1.5	ANNUAL	SRCGP5	5	
594578	4130802	0.69571	39.68	39.68	1.5	ANNUAL	SRCGP5	5	
594598	4130802	0.71772	39.53	39.53	1.5	ANNUAL	SRCGP5	5	
594618	4130802	0.73898	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
594678	4130802	0.78958	39.69	39.69	1.5	ANNUAL	SRCGP5	5	
594698	4130802	0.80025	39.54	39.54	1.5	ANNUAL	SRCGP5	5	
594718	4130802	0.80733	39.28	39.28	1.5	ANNUAL	SRCGP5	5	
594758	4130802	0.81356	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
594778	4130802	0.81609	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
594798	4130802	0.81255	38.86	38.86	1.5	ANNUAL	SRCGP5	5	
594818	4130802	0.81004	38.87	38.87	1.5	ANNUAL	SRCGP5	5	
594838	4130802	0.80622	38.82	38.82	1.5	ANNUAL	SRCGP5	5	
594858	4130802	0.80278	38.97	38.97	1.5	ANNUAL	SRCGP5	5	
594878	4130802	0.79807	39.09	39.09	1.5	ANNUAL	SRCGP5	5	
594898	4130802	0.78945	38.85	38.85	1.5	ANNUAL	SRCGP5	5	
594938	4130802	0.76556	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
594958	4130802	0.74735	38.97	38.97	1.5	ANNUAL	SRCGP5	5	
594978	4130802	0.7244	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594998	4130802	0.69343	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
595018	4130802	0.65796	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
595038	4130802	0.61983	39.68	39.68	1.5	ANNUAL	SRCGP5	5	
595058	4130802	0.57846	39.78	39.78	1.5	ANNUAL	SRCGP5	5	
595078	4130802	0.53608	39.59	39.59	1.5	ANNUAL	SRCGP5	5	
595118	4130802	0.46008	39.79	39.79	1.5	ANNUAL	SRCGP5	5	
595138	4130802	0.42672	39.56	39.56	1.5	ANNUAL	SRCGP5	5	
595158	4130802	0.3975	39.3	39.3	1.5	ANNUAL	SRCGP5	5	
595198	4130802	0.35132	39.3	39.3	1.5	ANNUAL	SRCGP5	5	
595218	4130802	0.33259	39.38	39.38	1.5	ANNUAL	SRCGP5	5	
595238	4130802	0.31555	39.29	39.29	1.5	ANNUAL	SRCGP5	5	
595278	4130802	0.28615	39.29	39.29	1.5	ANNUAL	SRCGP5	5	
595298	4130802	0.27328	39.35	39.35	1.5	ANNUAL	SRCGP5	5	
595318	4130802	0.26116	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595338	4130802	0.24992	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
595378	4130802	0.23118	38.71	38.71	1.5	ANNUAL	SRCGP5	5	
595398	4130802	0.22325	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
595418	4130802	0.21581	38.41	38.41	1.5	ANNUAL	SRCGP5	5	
595438	4130802	0.20924	38.28	38.28	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595478	4130802	0.19828	38.65	38.65	1.5	ANNUAL	SRCGP5	5	
595498	4130802	0.19296	38.36	38.36	1.5	ANNUAL	SRCGP5	5	
595518	4130802	0.18821	38.4	38.4	1.5	ANNUAL	SRCGP5	5	
595538	4130802	0.18372	38.51	38.51	1.5	ANNUAL	SRCGP5	5	
595578	4130802	0.17519	38.72	38.72	1.5	ANNUAL	SRCGP5	5	
595598	4130802	0.171	38.69	38.69	1.5	ANNUAL	SRCGP5	5	
595618	4130802	0.16698	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
595638	4130802	0.16293	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
595658	4130802	0.15895	38.56	38.56	1.5	ANNUAL	SRCGP5	5	
595678	4130802	0.15526	38.81	38.81	1.5	ANNUAL	SRCGP5	5	
595698	4130802	0.15144	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
595718	4130802	0.14771	38.57	38.57	1.5	ANNUAL	SRCGP5	5	
595738	4130802	0.14416	38.66	38.66	1.5	ANNUAL	SRCGP5	5	
595758	4130802	0.14066	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
595778	4130802	0.13723	38.65	38.65	1.5	ANNUAL	SRCGP5	5	
595798	4130802	0.13373	38.27	38.27	1.5	ANNUAL	SRCGP5	5	
594318	4130822	0.38314	39.74	39.74	1.5	ANNUAL	SRCGP5	5	
594338	4130822	0.40302	39.88	39.88	1.5	ANNUAL	SRCGP5	5	
594358	4130822	0.42356	39.98	39.98	1.5	ANNUAL	SRCGP5	5	
594378	4130822	0.44415	39.72	39.72	1.5	ANNUAL	SRCGP5	5	
594398	4130822	0.46561	39.68	39.68	1.5	ANNUAL	SRCGP5	5	
594418	4130822	0.48808	39.94	39.94	1.5	ANNUAL	SRCGP5	5	
594438	4130822	0.5103	39.88	39.88	1.5	ANNUAL	SRCGP5	5	
594458	4130822	0.53244	39.72	39.72	1.5	ANNUAL	SRCGP5	5	
594478	4130822	0.55443	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
594498	4130822	0.57723	39.68	39.68	1.5	ANNUAL	SRCGP5	5	
594518	4130822	0.59908	39.62	39.62	1.5	ANNUAL	SRCGP5	5	
594538	4130822	0.62055	39.63	39.63	1.5	ANNUAL	SRCGP5	5	
594558	4130822	0.64027	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
594578	4130822	0.66011	39.45	39.45	1.5	ANNUAL	SRCGP5	5	
594598	4130822	0.67848	39.5	39.5	1.5	ANNUAL	SRCGP5	5	
594618	4130822	0.69465	39.41	39.41	1.5	ANNUAL	SRCGP5	5	
594678	4130822	0.73216	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
594698	4130822	0.73897	39.35	39.35	1.5	ANNUAL	SRCGP5	5	
594718	4130822	0.74312	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
594758	4130822	0.74415	38.74	38.74	1.5	ANNUAL	SRCGP5	5	
594778	4130822	0.74489	39.07	39.07	1.5	ANNUAL	SRCGP5	5	
594798	4130822	0.74135	38.82	38.82	1.5	ANNUAL	SRCGP5	5	
594818	4130822	0.73786	38.73	38.73	1.5	ANNUAL	SRCGP5	5	
594838	4130822	0.7339	38.65	38.65	1.5	ANNUAL	SRCGP5	5	
594858	4130822	0.73032	38.74	38.74	1.5	ANNUAL	SRCGP5	5	
594878	4130822	0.72502	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
594898	4130822	0.71814	38.63	38.63	1.5	ANNUAL	SRCGP5	5	
594938	4130822	0.69635	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
594958	4130822	0.68013	38.9	38.9	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978	4130822	0.65798	38.96	38.96	1.5	ANNUAL	SRCGP5	5	
594998	4130822	0.63093	39.06	39.06	1.5	ANNUAL	SRCGP5	5	
595018	4130822	0.5992	39.1	39.1	1.5	ANNUAL	SRCGP5	5	
595038	4130822	0.56499	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
595058	4130822	0.52863	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
595078	4130822	0.49187	39.48	39.48	1.5	ANNUAL	SRCGP5	5	
595118	4130822	0.42406	39.45	39.45	1.5	ANNUAL	SRCGP5	5	
595138	4130822	0.39472	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
595158	4130822	0.36877	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595198	4130822	0.32754	39.26	39.26	1.5	ANNUAL	SRCGP5	5	
595218	4130822	0.3106	39.27	39.27	1.5	ANNUAL	SRCGP5	5	
595238	4130822	0.29519	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
595278	4130822	0.26879	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
595298	4130822	0.2571	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
595318	4130822	0.24575	38.96	38.96	1.5	ANNUAL	SRCGP5	5	
595338	4130822	0.23553	38.81	38.81	1.5	ANNUAL	SRCGP5	5	
595378	4130822	0.21787	38.62	38.62	1.5	ANNUAL	SRCGP5	5	
595398	4130822	0.21042	38.65	38.65	1.5	ANNUAL	SRCGP5	5	
595418	4130822	0.20335	38.32	38.32	1.5	ANNUAL	SRCGP5	5	
595438	4130822	0.19719	38.23	38.23	1.5	ANNUAL	SRCGP5	5	
595478	4130822	0.18685	38.48	38.48	1.5	ANNUAL	SRCGP5	5	
595498	4130822	0.18203	38.3	38.3	1.5	ANNUAL	SRCGP5	5	
595518	4130822	0.17782	38.5	38.5	1.5	ANNUAL	SRCGP5	5	
595538	4130822	0.17358	38.37	38.37	1.5	ANNUAL	SRCGP5	5	
595558	4130822	0.1697	38.48	38.48	1.5	ANNUAL	SRCGP5	5	
595578	4130822	0.16603	38.71	38.71	1.5	ANNUAL	SRCGP5	5	
595598	4130822	0.16227	38.64	38.64	1.5	ANNUAL	SRCGP5	5	
595618	4130822	0.15876	38.83	38.83	1.5	ANNUAL	SRCGP5	5	
595638	4130822	0.15505	38.56	38.56	1.5	ANNUAL	SRCGP5	5	
595658	4130822	0.1515	38.44	38.44	1.5	ANNUAL	SRCGP5	5	
595678	4130822	0.14827	38.82	38.82	1.5	ANNUAL	SRCGP5	5	
595698	4130822	0.1448	38.6	38.6	1.5	ANNUAL	SRCGP5	5	
595718	4130822	0.14151	38.64	38.64	1.5	ANNUAL	SRCGP5	5	
595738	4130822	0.13829	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
595758	4130822	0.13507	38.6	38.6	1.5	ANNUAL	SRCGP5	5	
595778	4130822	0.13199	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
595798	4130822	0.12872	38.14	38.14	1.5	ANNUAL	SRCGP5	5	
594318	4130842	0.38283	39.6	39.6	1.5	ANNUAL	SRCGP5	5	
594338	4130842	0.40133	39.76	39.76	1.5	ANNUAL	SRCGP5	5	
594358	4130842	0.41996	39.67	39.67	1.5	ANNUAL	SRCGP5	5	
594378	4130842	0.43894	39.56	39.56	1.5	ANNUAL	SRCGP5	5	
594398	4130842	0.45844	39.58	39.58	1.5	ANNUAL	SRCGP5	5	
594418	4130842	0.47946	40.3	40.3	1.5	ANNUAL	SRCGP5	5	
594438	4130842	0.49823	39.73	39.73	1.5	ANNUAL	SRCGP5	5	
594458	4130842	0.51753	39.52	39.52	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594478	4130842	0.53663	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
594498	4130842	0.55698	39.78	39.78	1.5	ANNUAL	SRCGP5	5	
594518	4130842	0.57483	39.46	39.46	1.5	ANNUAL	SRCGP5	5	
594538	4130842	0.59281	39.47	39.47	1.5	ANNUAL	SRCGP5	5	
594558	4130842	0.60898	39.21	39.21	1.5	ANNUAL	SRCGP5	5	
594578	4130842	0.62524	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
594598	4130842	0.64016	39.48	39.48	1.5	ANNUAL	SRCGP5	5	
594618	4130842	0.6529	39.46	39.46	1.5	ANNUAL	SRCGP5	5	
594678	4130842	0.67817	39.13	39.13	1.5	ANNUAL	SRCGP5	5	
594698	4130842	0.68301	39.19	39.19	1.5	ANNUAL	SRCGP5	5	
594718	4130842	0.68347	38.74	38.74	1.5	ANNUAL	SRCGP5	5	
594758	4130842	0.68325	38.73	38.73	1.5	ANNUAL	SRCGP5	5	
594778	4130842	0.68168	38.81	38.81	1.5	ANNUAL	SRCGP5	5	
594798	4130842	0.67889	38.78	38.78	1.5	ANNUAL	SRCGP5	5	
594818	4130842	0.67632	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
594838	4130842	0.67127	38.52	38.52	1.5	ANNUAL	SRCGP5	5	
594858	4130842	0.66795	38.6	38.6	1.5	ANNUAL	SRCGP5	5	
594878	4130842	0.66283	38.48	38.48	1.5	ANNUAL	SRCGP5	5	
594898	4130842	0.65723	38.59	38.59	1.5	ANNUAL	SRCGP5	5	
594938	4130842	0.63653	38.54	38.54	1.5	ANNUAL	SRCGP5	5	
594958	4130842	0.62156	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
594978	4130842	0.60142	38.85	38.85	1.5	ANNUAL	SRCGP5	5	
594998	4130842	0.57664	38.86	38.86	1.5	ANNUAL	SRCGP5	5	
595018	4130842	0.54848	38.97	38.97	1.5	ANNUAL	SRCGP5	5	
595038	4130842	0.51839	39.33	39.33	1.5	ANNUAL	SRCGP5	5	
595058	4130842	0.48601	39.44	39.44	1.5	ANNUAL	SRCGP5	5	
595078	4130842	0.45317	39.38	39.38	1.5	ANNUAL	SRCGP5	5	
595118	4130842	0.39301	39.44	39.44	1.5	ANNUAL	SRCGP5	5	
595138	4130842	0.36625	39.12	39.12	1.5	ANNUAL	SRCGP5	5	
595158	4130842	0.34345	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595198	4130842	0.30644	39.37	39.37	1.5	ANNUAL	SRCGP5	5	
595218	4130842	0.29076	39.14	39.14	1.5	ANNUAL	SRCGP5	5	
595238	4130842	0.27703	39.11	39.11	1.5	ANNUAL	SRCGP5	5	
595278	4130842	0.25311	39.16	39.16	1.5	ANNUAL	SRCGP5	5	
595298	4130842	0.24247	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
595318	4130842	0.23205	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
595338	4130842	0.22262	38.79	38.79	1.5	ANNUAL	SRCGP5	5	
595378	4130842	0.20613	38.69	38.69	1.5	ANNUAL	SRCGP5	5	
595398	4130842	0.19896	38.63	38.63	1.5	ANNUAL	SRCGP5	5	
595418	4130842	0.19223	38.28	38.28	1.5	ANNUAL	SRCGP5	5	
595438	4130842	0.18644	38.26	38.26	1.5	ANNUAL	SRCGP5	5	
595478	4130842	0.17663	38.48	38.48	1.5	ANNUAL	SRCGP5	5	
595498	4130842	0.17215	38.33	38.33	1.5	ANNUAL	SRCGP5	5	
595518	4130842	0.16808	38.29	38.29	1.5	ANNUAL	SRCGP5	5	
595538	4130842	0.16429	38.3	38.3	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595558	4130842	0.16068	38.28	38.28	1.5	ANNUAL	SRCGP5	5	
595578	4130842	0.1574	38.54	38.54	1.5	ANNUAL	SRCGP5	5	
595598	4130842	0.15401	38.45	38.45	1.5	ANNUAL	SRCGP5	5	
595618	4130842	0.15086	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
595638	4130842	0.14764	38.52	38.52	1.5	ANNUAL	SRCGP5	5	
595658	4130842	0.14445	38.38	38.38	1.5	ANNUAL	SRCGP5	5	
595678	4130842	0.14154	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
595698	4130842	0.13847	38.55	38.55	1.5	ANNUAL	SRCGP5	5	
595718	4130842	0.1355	38.56	38.56	1.5	ANNUAL	SRCGP5	5	
595738	4130842	0.13261	38.63	38.63	1.5	ANNUAL	SRCGP5	5	
595758	4130842	0.1297	38.55	38.55	1.5	ANNUAL	SRCGP5	5	
595778	4130842	0.12686	38.52	38.52	1.5	ANNUAL	SRCGP5	5	
595798	4130842	0.12387	37.98	37.98	1.5	ANNUAL	SRCGP5	5	
594318	4130862	0.38077	39.56	39.56	1.5	ANNUAL	SRCGP5	5	
594338	4130862	0.39766	39.62	39.62	1.5	ANNUAL	SRCGP5	5	
594358	4130862	0.41475	39.61	39.61	1.5	ANNUAL	SRCGP5	5	
594378	4130862	0.43181	39.45	39.45	1.5	ANNUAL	SRCGP5	5	
594398	4130862	0.44937	39.51	39.51	1.5	ANNUAL	SRCGP5	5	
594418	4130862	0.46745	39.82	39.82	1.5	ANNUAL	SRCGP5	5	
594438	4130862	0.48467	39.7	39.7	1.5	ANNUAL	SRCGP5	5	
594458	4130862	0.50115	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
594478	4130862	0.51771	39.24	39.24	1.5	ANNUAL	SRCGP5	5	
594498	4130862	0.53541	39.77	39.77	1.5	ANNUAL	SRCGP5	5	
594518	4130862	0.55025	39.41	39.41	1.5	ANNUAL	SRCGP5	5	
594538	4130862	0.5644	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
594558	4130862	0.57817	39.12	39.12	1.5	ANNUAL	SRCGP5	5	
594578	4130862	0.59114	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
594598	4130862	0.60298	39.39	39.39	1.5	ANNUAL	SRCGP5	5	
594618	4130862	0.61247	39.33	39.33	1.5	ANNUAL	SRCGP5	5	
594678	4130862	0.62887	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
594698	4130862	0.63159	38.93	38.93	1.5	ANNUAL	SRCGP5	5	
594718	4130862	0.63231	38.93	38.93	1.5	ANNUAL	SRCGP5	5	
594758	4130862	0.62887	38.68	38.68	1.5	ANNUAL	SRCGP5	5	
594778	4130862	0.62698	38.8	38.8	1.5	ANNUAL	SRCGP5	5	
594798	4130862	0.62381	38.7	38.7	1.5	ANNUAL	SRCGP5	5	
594818	4130862	0.6208	38.67	38.67	1.5	ANNUAL	SRCGP5	5	
594838	4130862	0.61667	38.41	38.41	1.5	ANNUAL	SRCGP5	5	
594858	4130862	0.61407	38.58	38.58	1.5	ANNUAL	SRCGP5	5	
594878	4130862	0.60908	38.39	38.39	1.5	ANNUAL	SRCGP5	5	
594898	4130862	0.60358	38.44	38.44	1.5	ANNUAL	SRCGP5	5	
594938	4130862	0.58402	38.34	38.34	1.5	ANNUAL	SRCGP5	5	
594958	4130862	0.57039	38.63	38.63	1.5	ANNUAL	SRCGP5	5	
594978	4130862	0.55234	38.82	38.82	1.5	ANNUAL	SRCGP5	5	
594998	4130862	0.52957	38.75	38.75	1.5	ANNUAL	SRCGP5	5	
595018	4130862	0.50391	38.77	38.77	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595038	4130862	0.47657	38.98	38.98	1.5	ANNUAL	SRCGP5	5	
595058	4130862	0.44792	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595078	4130862	0.4188	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
595118	4130862	0.36505	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
595138	4130862	0.34129	39.08	39.08	1.5	ANNUAL	SRCGP5	5	
595158	4130862	0.32049	39.02	39.02	1.5	ANNUAL	SRCGP5	5	
595198	4130862	0.28689	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
595238	4130862	0.26022	38.84	38.84	1.5	ANNUAL	SRCGP5	5	
595278	4130862	0.23871	38.98	38.98	1.5	ANNUAL	SRCGP5	5	
595298	4130862	0.22877	38.83	38.83	1.5	ANNUAL	SRCGP5	5	
595318	4130862	0.21949	38.73	38.73	1.5	ANNUAL	SRCGP5	5	
595338	4130862	0.2108	38.64	38.64	1.5	ANNUAL	SRCGP5	5	
595378	4130862	0.19525	38.43	38.43	1.5	ANNUAL	SRCGP5	5	
595398	4130862	0.18852	38.42	38.42	1.5	ANNUAL	SRCGP5	5	
595418	4130862	0.1821	38.07	38.07	1.5	ANNUAL	SRCGP5	5	
595438	4130862	0.17667	38.17	38.17	1.5	ANNUAL	SRCGP5	5	
595478	4130862	0.16718	38.2	38.2	1.5	ANNUAL	SRCGP5	5	
595498	4130862	0.16309	38.25	38.25	1.5	ANNUAL	SRCGP5	5	
595518	4130862	0.15927	38.21	38.21	1.5	ANNUAL	SRCGP5	5	
595538	4130862	0.15564	38.05	38.05	1.5	ANNUAL	SRCGP5	5	
595558	4130862	0.15244	38.23	38.23	1.5	ANNUAL	SRCGP5	5	
595578	4130862	0.14949	38.56	38.56	1.5	ANNUAL	SRCGP5	5	
595598	4130862	0.14647	38.58	38.58	1.5	ANNUAL	SRCGP5	5	
595618	4130862	0.14349	38.46	38.46	1.5	ANNUAL	SRCGP5	5	
595638	4130862	0.14061	38.4	38.4	1.5	ANNUAL	SRCGP5	5	
595658	4130862	0.1378	38.36	38.36	1.5	ANNUAL	SRCGP5	5	
595678	4130862	0.13516	38.59	38.59	1.5	ANNUAL	SRCGP5	5	
595698	4130862	0.1324	38.44	38.44	1.5	ANNUAL	SRCGP5	5	
595718	4130862	0.1298	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
595738	4130862	0.12716	38.59	38.59	1.5	ANNUAL	SRCGP5	5	
595758	4130862	0.12456	38.56	38.56	1.5	ANNUAL	SRCGP5	5	
595778	4130862	0.12199	38.55	38.55	1.5	ANNUAL	SRCGP5	5	
595798	4130862	0.11931	38.11	38.11	1.5	ANNUAL	SRCGP5	5	
594318	4130882	0.37677	39.36	39.36	1.5	ANNUAL	SRCGP5	5	
594338	4130882	0.39211	39.38	39.38	1.5	ANNUAL	SRCGP5	5	
594358	4130882	0.40745	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594378	4130882	0.42288	39.26	39.26	1.5	ANNUAL	SRCGP5	5	
594398	4130882	0.43831	39.22	39.22	1.5	ANNUAL	SRCGP5	5	
594418	4130882	0.45394	39.34	39.34	1.5	ANNUAL	SRCGP5	5	
594438	4130882	0.469	39.27	39.27	1.5	ANNUAL	SRCGP5	5	
594458	4130882	0.48347	39.09	39.09	1.5	ANNUAL	SRCGP5	5	
594478	4130882	0.49768	39.01	39.01	1.5	ANNUAL	SRCGP5	5	
594498	4130882	0.51226	39.31	39.31	1.5	ANNUAL	SRCGP5	5	
594518	4130882	0.52497	39.15	39.15	1.5	ANNUAL	SRCGP5	5	
594538	4130882	0.53678	39	39	1.5	ANNUAL	SRCGP5	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594558	4130882	0.54808	39.04	39.04	1.5	ANNUAL	SRCGP5	5	
594578	4130882	0.55869	39.25	39.25	1.5	ANNUAL	SRCGP5	5	
594598	4130882	0.56625	38.91	38.91	1.5	ANNUAL	SRCGP5	5	
594618	4130882	0.57421	39.17	39.17	1.5	ANNUAL	SRCGP5	5	
594678	4130882	0.58489	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
594698	4130882	0.58437	38.54	38.54	1.5	ANNUAL	SRCGP5	5	
594718	4130882	0.58377	38.52	38.52	1.5	ANNUAL	SRCGP5	5	
594758	4130882	0.57966	38.42	38.42	1.5	ANNUAL	SRCGP5	5	
594778	4130882	0.57717	38.43	38.43	1.5	ANNUAL	SRCGP5	5	
594798	4130882	0.57449	38.42	38.42	1.5	ANNUAL	SRCGP5	5	
594818	4130882	0.57121	38.25	38.25	1.5	ANNUAL	SRCGP5	5	
594838	4130882	0.5684	38.21	38.21	1.5	ANNUAL	SRCGP5	5	
594858	4130882	0.56528	38.18	38.18	1.5	ANNUAL	SRCGP5	5	
594878	4130882	0.56103	38.08	38.08	1.5	ANNUAL	SRCGP5	5	
594898	4130882	0.55584	38.12	38.12	1.5	ANNUAL	SRCGP5	5	
594938	4130882	0.53792	38.14	38.14	1.5	ANNUAL	SRCGP5	5	
594958	4130882	0.52477	38.3	38.3	1.5	ANNUAL	SRCGP5	5	
594978	4130882	0.50798	38.42	38.42	1.5	ANNUAL	SRCGP5	5	
595038	4130882	0.44014	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
595058	4130882	0.41399	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
595078	4130882	0.3882	38.89	38.89	1.5	ANNUAL	SRCGP5	5	
595098	4130882	0.36327	38.96	38.96	1.5	ANNUAL	SRCGP5	5	
595118	4130882	0.34	39	39	1.5	ANNUAL	SRCGP5	5	
595138	4130882	0.31863	38.88	38.88	1.5	ANNUAL	SRCGP5	5	
595158	4130882	0.2997	38.77	38.77	1.5	ANNUAL	SRCGP5	5	
595178	4130882	0.28304	38.61	38.61	1.5	ANNUAL	SRCGP5	5	
594658	4130982	0.41552	38.34	38.34	1.5	ANNUAL	SRCGP5	5	

CONCUNIT /m^3

DEPUNIT g ^2

AERMOD (91): C:\Lak ERMOD Vi CC FMP_cc st\SJCC FM P_const .isc 1/6/2021
AERMET (91): 19:19:56
MODELING IONS USED gDFAULT (ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF AN VALUES AV GED ACRO 5 YEARS FOR SO URCE GRO UP: SRCGP3
FOR A TOTAL O 1 RECEPTORS.
FORM AT: (3(1X,F),3(1X,F8.2 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.9	4130189	0.25825	46.81	46.81	1.5	ANNUAL	SRCGP3	5	
594481.9	4130189	0.2813	46.84	46.84	1.5	ANNUAL	SRCGP3	5	
594501.9	4130189	0.3079	46.82	46.82	1.5	ANNUAL	SRCGP3	5	
594521.9	4130189	0.33895	46.7	46.7	1.5	ANNUAL	SRCGP3	5	
594541.9	4130189	0.37511	46.61	46.61	1.5	ANNUAL	SRCGP3	5	
594561.9	4130189	0.41795	46.45	46.45	1.5	ANNUAL	SRCGP3	5	
594421.9	4130209	0.24259	46.02	46.02	1.5	ANNUAL	SRCGP3	5	
594441.9	4130209	0.26335	46.01	46.01	1.5	ANNUAL	SRCGP3	5	
594461.9	4130209	0.28656	46.26	46.26	1.5	ANNUAL	SRCGP3	5	
594481.9	4130209	0.31358	46.32	46.32	1.5	ANNUAL	SRCGP3	5	
594501.9	4130209	0.34372	46.8	46.8	1.5	ANNUAL	SRCGP3	5	
594521.9	4130209	0.38001	46.82	46.82	1.5	ANNUAL	SRCGP3	5	
594541.9	4130209	0.42258	46.85	46.85	1.5	ANNUAL	SRCGP3	5	
594561.9	4130209	0.47373	46.7	46.7	1.5	ANNUAL	SRCGP3	5	
594581.9	4130209	0.53787	45.96	45.96	1.5	ANNUAL	SRCGP3	5	
594421.9	4130229	0.26612	46.01	46.01	1.5	ANNUAL	SRCGP3	5	
594441.9	4130229	0.29001	46.01	46.01	1.5	ANNUAL	SRCGP3	5	
594461.9	4130229	0.31741	46.01	46.01	1.5	ANNUAL	SRCGP3	5	
594481.9	4130229	0.34862	46.18	46.18	1.5	ANNUAL	SRCGP3	5	
594501.9	4130229	0.38463	46.42	46.42	1.5	ANNUAL	SRCGP3	5	
594521.9	4130229	0.42689	46.6	46.6	1.5	ANNUAL	SRCGP3	5	
594541.9	4130229	0.47678	46.75	46.75	1.5	ANNUAL	SRCGP3	5	
594561.9	4130229	0.53937	46.19	46.19	1.5	ANNUAL	SRCGP3	5	
594581.9	4130229	0.61535	45.57	45.57	1.5	ANNUAL	SRCGP3	5	
594421.9	4130249	0.29198	45.94	45.94	1.5	ANNUAL	SRCGP3	5	
594441.9	4130249	0.31934	45.94	45.94	1.5	ANNUAL	SRCGP3	5	
594461.9	4130249	0.35082	45.94	45.94	1.5	ANNUAL	SRCGP3	5	
594481.9	4130249	0.38721	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594501.9	4130249	0.42939	46.08	46.08	1.5	ANNUAL	SRCGP3	5	
594521.9	4130249	0.47903	46.15	46.15	1.5	ANNUAL	SRCGP3	5	
594561.9	4130249	0.61224	45.4	45.4	1.5	ANNUAL	SRCGP3	5	
594581.9	4130249	0.70015	45	45	1.5	ANNUAL	SRCGP3	5	
594421.9	4130269	0.31985	45.9	45.9	1.5	ANNUAL	SRCGP3	5	
594441.9	4130269	0.35083	45.93	45.93	1.5	ANNUAL	SRCGP3	5	
594461.9	4130269	0.38664	45.92	45.92	1.5	ANNUAL	SRCGP3	5	
594421.9	4130289	0.34922	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594441.9	4130289	0.384	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594461.9	4130289	0.42419	45.95	45.95	1.5	ANNUAL	SRCGP3	5	
594421.9	4130309	0.37983	46	46	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594441.9	4130309	0.41817	46.04	46.04	1.5	ANNUAL	SRCGP3	5	
594461.9	4130309	0.46264	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594361.9	4130489	0.46492	42.59	42.59	1.5	ANNUAL	SRCGP3	5	
594381.9	4130489	0.49877	42.59	42.59	1.5	ANNUAL	SRCGP3	5	
594401.9	4130489	0.53505	42.5	42.5	1.5	ANNUAL	SRCGP3	5	
594261.2	4129770	0.03616	47.77	47.77	1.5	ANNUAL	SRCGP3	5	
594281.4	4129770	0.03679	47.78	47.78	1.5	ANNUAL	SRCGP3	5	
594301.7	4129770	0.03744	47.68	47.68	1.5	ANNUAL	SRCGP3	5	
594321.9	4129770	0.03804	47.73	47.73	1.5	ANNUAL	SRCGP3	5	
594342.1	4129770	0.03866	47.62	47.62	1.5	ANNUAL	SRCGP3	5	
594362.3	4129770	0.03924	47.63	47.63	1.5	ANNUAL	SRCGP3	5	
594382.5	4129770	0.0398	47.58	47.58	1.5	ANNUAL	SRCGP3	5	
594402.8	4129770	0.04107	47.37	47.37	1.5	ANNUAL	SRCGP3	5	
594423	4129770	0.04172	47.36	47.36	1.5	ANNUAL	SRCGP3	5	
594443.2	4129770	0.04241	47.21	47.21	1.5	ANNUAL	SRCGP3	5	
594261.2	4129790	0.03822	47.73	47.73	1.5	ANNUAL	SRCGP3	5	
594281.4	4129790	0.039	47.63	47.63	1.5	ANNUAL	SRCGP3	5	
594301.7	4129790	0.03975	47.64	47.64	1.5	ANNUAL	SRCGP3	5	
594321.9	4129790	0.04047	47.78	47.78	1.5	ANNUAL	SRCGP3	5	
594342.1	4129790	0.04116	47.98	47.98	1.5	ANNUAL	SRCGP3	5	
594362.3	4129790	0.042	47.46	47.46	1.5	ANNUAL	SRCGP3	5	
594382.5	4129790	0.0433	47.4	47.4	1.5	ANNUAL	SRCGP3	5	
594402.8	4129790	0.0441	47.22	47.22	1.5	ANNUAL	SRCGP3	5	
594423	4129790	0.04488	47.19	47.19	1.5	ANNUAL	SRCGP3	5	
594443.2	4129790	0.04566	47.21	47.21	1.5	ANNUAL	SRCGP3	5	
594261.2	4129810	0.04038	47.82	47.82	1.5	ANNUAL	SRCGP3	5	
594281.4	4129810	0.04122	47.95	47.95	1.5	ANNUAL	SRCGP3	5	
594301.7	4129810	0.04215	47.8	47.8	1.5	ANNUAL	SRCGP3	5	
594321.9	4129810	0.04305	47.74	47.74	1.5	ANNUAL	SRCGP3	5	
594342.1	4129810	0.04392	47.82	47.82	1.5	ANNUAL	SRCGP3	5	
594362.3	4129810	0.04549	47.28	47.28	1.5	ANNUAL	SRCGP3	5	
594382.5	4129810	0.04578	47.48	47.48	1.5	ANNUAL	SRCGP3	5	
594402.8	4129810	0.04735	47.26	47.26	1.5	ANNUAL	SRCGP3	5	
594423	4129810	0.0475	47.45	47.45	1.5	ANNUAL	SRCGP3	5	
594443.2	4129810	0.04924	47.19	47.19	1.5	ANNUAL	SRCGP3	5	
594261.2	4129850	0.04587	47.39	47.39	1.5	ANNUAL	SRCGP3	5	
594281.4	4129850	0.04633	47.5	47.5	1.5	ANNUAL	SRCGP3	5	
594301.7	4129850	0.04749	47.62	47.62	1.5	ANNUAL	SRCGP3	5	
594321.9	4129850	0.04868	47.72	47.72	1.5	ANNUAL	SRCGP3	5	
594342.1	4129850	0.04995	47.64	47.64	1.5	ANNUAL	SRCGP3	5	
594362.3	4129850	0.052	47.3	47.3	1.5	ANNUAL	SRCGP3	5	
594382.5	4129850	0.05332	47.25	47.25	1.5	ANNUAL	SRCGP3	5	
594402.8	4129850	0.05471	47.02	47.02	1.5	ANNUAL	SRCGP3	5	
594423	4129850	0.05607	47.06	47.06	1.5	ANNUAL	SRCGP3	5	
594443.2	4129850	0.05747	47.02	47.02	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594463.4	4129850	0.0589	46.96	46.96	1.5	ANNUAL	SRCGP3	5	
594483.6	4129850	0.06033	46.99	46.99	1.5	ANNUAL	SRCGP3	5	
594503.9	4129850	0.06184	46.95	46.95	1.5	ANNUAL	SRCGP3	5	
594524.1	4129850	0.06337	47	47	1.5	ANNUAL	SRCGP3	5	
594544.3	4129850	0.06498	47.1	47.1	1.5	ANNUAL	SRCGP3	5	
594564.5	4129850	0.06673	47.14	47.14	1.5	ANNUAL	SRCGP3	5	
594584.7	4129850	0.06864	47.25	47.25	1.5	ANNUAL	SRCGP3	5	
594605	4129850	0.07083	47.31	47.31	1.5	ANNUAL	SRCGP3	5	
594625.2	4129850	0.07337	47.4	47.4	1.5	ANNUAL	SRCGP3	5	
594261.2	4129870	0.04853	47.43	47.43	1.5	ANNUAL	SRCGP3	5	
594281.4	4129870	0.04988	47.21	47.21	1.5	ANNUAL	SRCGP3	5	
594301.7	4129870	0.05039	47.6	47.6	1.5	ANNUAL	SRCGP3	5	
594321.9	4129870	0.05263	47.4	47.4	1.5	ANNUAL	SRCGP3	5	
594342.1	4129870	0.05326	47.54	47.54	1.5	ANNUAL	SRCGP3	5	
594362.3	4129870	0.05557	47.44	47.44	1.5	ANNUAL	SRCGP3	5	
594382.5	4129870	0.05717	47.21	47.21	1.5	ANNUAL	SRCGP3	5	
594402.8	4129870	0.05879	47.06	47.06	1.5	ANNUAL	SRCGP3	5	
594423	4129870	0.06043	47.03	47.03	1.5	ANNUAL	SRCGP3	5	
594443.2	4129870	0.06214	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594463.4	4129870	0.06384	46.93	46.93	1.5	ANNUAL	SRCGP3	5	
594483.6	4129870	0.0656	46.92	46.92	1.5	ANNUAL	SRCGP3	5	
594503.9	4129870	0.0674	46.94	46.94	1.5	ANNUAL	SRCGP3	5	
594524.1	4129870	0.06926	46.98	46.98	1.5	ANNUAL	SRCGP3	5	
594544.3	4129870	0.0712	47	47	1.5	ANNUAL	SRCGP3	5	
594564.5	4129870	0.07325	47.08	47.08	1.5	ANNUAL	SRCGP3	5	
594584.7	4129870	0.07545	47.18	47.18	1.5	ANNUAL	SRCGP3	5	
594605	4129870	0.07789	47.27	47.27	1.5	ANNUAL	SRCGP3	5	
594625.2	4129870	0.08078	47.16	47.16	1.5	ANNUAL	SRCGP3	5	
594261.2	4129890	0.0514	47.16	47.16	1.5	ANNUAL	SRCGP3	5	
594281.4	4129890	0.05289	47.13	47.13	1.5	ANNUAL	SRCGP3	5	
594301.7	4129890	0.05443	47.25	47.25	1.5	ANNUAL	SRCGP3	5	
594321.9	4129890	0.05608	47.06	47.06	1.5	ANNUAL	SRCGP3	5	
594342.1	4129890	0.05775	47.1	47.1	1.5	ANNUAL	SRCGP3	5	
594362.3	4129890	0.05949	47.13	47.13	1.5	ANNUAL	SRCGP3	5	
594382.5	4129890	0.06132	47.05	47.05	1.5	ANNUAL	SRCGP3	5	
594402.8	4129890	0.0632	47	47	1.5	ANNUAL	SRCGP3	5	
594423	4129890	0.06514	46.99	46.99	1.5	ANNUAL	SRCGP3	5	
594443.2	4129890	0.0672	46.79	46.79	1.5	ANNUAL	SRCGP3	5	
594463.4	4129890	0.06928	46.73	46.73	1.5	ANNUAL	SRCGP3	5	
594483.6	4129890	0.0714	46.79	46.79	1.5	ANNUAL	SRCGP3	5	
594503.9	4129890	0.07361	46.75	46.75	1.5	ANNUAL	SRCGP3	5	
594524.1	4129890	0.07583	46.9	46.9	1.5	ANNUAL	SRCGP3	5	
594544.3	4129890	0.07821	46.89	46.89	1.5	ANNUAL	SRCGP3	5	
594564.5	4129890	0.08062	47.07	47.07	1.5	ANNUAL	SRCGP3	5	
594584.7	4129890	0.08314	47.34	47.34	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594301.7	4129930	0.06151	47.08	47.08	1.5	ANNUAL	SRCGP3	5	
594321.9	4129930	0.06358	47.08	47.08	1.5	ANNUAL	SRCGP3	5	
594342.1	4129930	0.06573	47.21	47.21	1.5	ANNUAL	SRCGP3	5	
594362.3	4129930	0.06807	47.03	47.03	1.5	ANNUAL	SRCGP3	5	
594423	4129930	0.07574	46.87	46.87	1.5	ANNUAL	SRCGP3	5	
594443.2	4129930	0.07855	46.84	46.84	1.5	ANNUAL	SRCGP3	5	
594301.7	4129950	0.06543	47.11	47.11	1.5	ANNUAL	SRCGP3	5	
594321.9	4129950	0.06777	47.07	47.07	1.5	ANNUAL	SRCGP3	5	
594342.1	4129950	0.07021	47.14	47.14	1.5	ANNUAL	SRCGP3	5	
594362.3	4129950	0.07286	47.01	47.01	1.5	ANNUAL	SRCGP3	5	
594402.8	4129950	0.07859	46.87	46.87	1.5	ANNUAL	SRCGP3	5	
594423	4129950	0.0817	46.83	46.83	1.5	ANNUAL	SRCGP3	5	
594443.2	4129950	0.08498	46.82	46.82	1.5	ANNUAL	SRCGP3	5	
594463.4	4129950	0.08841	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594402.8	4129970	0.08458	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594423	4129970	0.08817	46.81	46.81	1.5	ANNUAL	SRCGP3	5	
594443.2	4129970	0.09195	46.87	46.87	1.5	ANNUAL	SRCGP3	5	
594463.4	4129970	0.09599	46.91	46.91	1.5	ANNUAL	SRCGP3	5	
594261.2	4129990	0.06895	46.96	46.96	1.5	ANNUAL	SRCGP3	5	
594281.4	4129990	0.07155	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594301.7	4129990	0.07433	46.76	46.76	1.5	ANNUAL	SRCGP3	5	
594321.9	4129990	0.07726	46.79	46.79	1.5	ANNUAL	SRCGP3	5	
594342.1	4129990	0.08044	46.63	46.63	1.5	ANNUAL	SRCGP3	5	
594362.3	4129990	0.08382	46.54	46.54	1.5	ANNUAL	SRCGP3	5	
594423	4129990	0.09525	46.79	46.79	1.5	ANNUAL	SRCGP3	5	
594443.2	4129990	0.09964	46.8	46.8	1.5	ANNUAL	SRCGP3	5	
594463.4	4129990	0.10433	46.86	46.86	1.5	ANNUAL	SRCGP3	5	
594342.1	4130010	0.0862	46.52	46.52	1.5	ANNUAL	SRCGP3	5	
594362.3	4130010	0.08999	46.52	46.52	1.5	ANNUAL	SRCGP3	5	
594382.5	4130010	0.09409	46.4	46.4	1.5	ANNUAL	SRCGP3	5	
594423	4130010	0.10322	46.3	46.3	1.5	ANNUAL	SRCGP3	5	
594342.1	4130030	0.09261	46.06	46.06	1.5	ANNUAL	SRCGP3	5	
594362.3	4130030	0.0969	46.03	46.03	1.5	ANNUAL	SRCGP3	5	
594382.5	4130030	0.10149	46.1	46.1	1.5	ANNUAL	SRCGP3	5	
594423	4130030	0.11185	46.15	46.15	1.5	ANNUAL	SRCGP3	5	
594321.9	4130050	0.09495	46.11	46.11	1.5	ANNUAL	SRCGP3	5	
594342.1	4130050	0.09943	46.08	46.08	1.5	ANNUAL	SRCGP3	5	
594362.3	4130050	0.10429	46.02	46.02	1.5	ANNUAL	SRCGP3	5	
594382.5	4130050	0.10946	46.14	46.14	1.5	ANNUAL	SRCGP3	5	
594423	4130050	0.12125	46.25	46.25	1.5	ANNUAL	SRCGP3	5	
594443.2	4130050	0.12792	46.34	46.34	1.5	ANNUAL	SRCGP3	5	
594463.4	4130050	0.13525	46.36	46.36	1.5	ANNUAL	SRCGP3	5	
594443.2	4130090	0.15245	45.91	45.91	1.5	ANNUAL	SRCGP3	5	
594463.4	4130090	0.1622	46.05	46.05	1.5	ANNUAL	SRCGP3	5	
594321.9	4130110	0.1174	46.22	46.22	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594342.1	4130110	0.12382	46.15	46.15	1.5	ANNUAL	SRCGP3	5	
594362.3	4130110	0.13106	45.72	45.72	1.5	ANNUAL	SRCGP3	5	
594402.8	4130110	0.14711	45.82	45.82	1.5	ANNUAL	SRCGP3	5	
594423	4130110	0.15626	46.03	46.03	1.5	ANNUAL	SRCGP3	5	
594443.2	4130110	0.1666	45.98	45.98	1.5	ANNUAL	SRCGP3	5	
594463.4	4130110	0.17802	46.01	46.01	1.5	ANNUAL	SRCGP3	5	
594321.9	4130130	0.12636	45.91	45.91	1.5	ANNUAL	SRCGP3	5	
594342.1	4130130	0.13364	45.82	45.82	1.5	ANNUAL	SRCGP3	5	
594362.3	4130130	0.14181	45.47	45.47	1.5	ANNUAL	SRCGP3	5	
594402.8	4130130	0.15973	46.12	46.12	1.5	ANNUAL	SRCGP3	5	
594423	4130130	0.17019	46.34	46.34	1.5	ANNUAL	SRCGP3	5	
594443.2	4130130	0.18238	46.02	46.02	1.5	ANNUAL	SRCGP3	5	
594463.4	4130130	0.19587	45.86	45.86	1.5	ANNUAL	SRCGP3	5	
594321.9	4130150	0.13612	45.64	45.64	1.5	ANNUAL	SRCGP3	5	
594342.1	4130150	0.14435	45.56	45.56	1.5	ANNUAL	SRCGP3	5	
594362.3	4130150	0.15352	45.36	45.36	1.5	ANNUAL	SRCGP3	5	
594423	4130150	0.18555	46.7	46.7	1.5	ANNUAL	SRCGP3	5	
594443.2	4130150	0.19965	46.34	46.34	1.5	ANNUAL	SRCGP3	5	
594463.4	4130150	0.21521	46.24	46.24	1.5	ANNUAL	SRCGP3	5	
594483.6	4130150	0.23289	46.1	46.1	1.5	ANNUAL	SRCGP3	5	
594503.9	4130150	0.2529	46.02	46.02	1.5	ANNUAL	SRCGP3	5	
594524.1	4130150	0.27553	46.08	46.08	1.5	ANNUAL	SRCGP3	5	
594544.3	4130150	0.30198	45.96	45.96	1.5	ANNUAL	SRCGP3	5	
594564.5	4130150	0.33306	45.71	45.71	1.5	ANNUAL	SRCGP3	5	
594584.7	4130150	0.36916	45.58	45.58	1.5	ANNUAL	SRCGP3	5	
594301.7	4130170	0.13829	45.46	45.46	1.5	ANNUAL	SRCGP3	5	
594321.9	4130170	0.14674	45.36	45.36	1.5	ANNUAL	SRCGP3	5	
594342.1	4130170	0.15599	45.38	45.38	1.5	ANNUAL	SRCGP3	5	
594362.3	4130170	0.1662	45.44	45.44	1.5	ANNUAL	SRCGP3	5	
594423	4130170	0.20278	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594443.2	4130170	0.21873	46.77	46.77	1.5	ANNUAL	SRCGP3	5	
594463.4	4130170	0.23669	46.72	46.72	1.5	ANNUAL	SRCGP3	5	
594483.6	4130170	0.25713	46.67	46.67	1.5	ANNUAL	SRCGP3	5	
594503.9	4130170	0.28077	46.51	46.51	1.5	ANNUAL	SRCGP3	5	
594524.1	4130170	0.3079	46.41	46.41	1.5	ANNUAL	SRCGP3	5	
594544.3	4130170	0.33957	46.26	46.26	1.5	ANNUAL	SRCGP3	5	
594564.5	4130170	0.37744	45.88	45.88	1.5	ANNUAL	SRCGP3	5	
594790.3	4129652	0.07016	49.15	49.15	1.5	ANNUAL	SRCGP3	5	
594810.3	4129652	0.07698	49.15	49.15	1.5	ANNUAL	SRCGP3	5	
594830.3	4129652	0.08484	49.14	49.14	1.5	ANNUAL	SRCGP3	5	
594850.3	4129652	0.09387	49.18	49.18	1.5	ANNUAL	SRCGP3	5	
594870.3	4129652	0.10438	49.15	49.15	1.5	ANNUAL	SRCGP3	5	
594890.3	4129652	0.11672	48.97	48.97	1.5	ANNUAL	SRCGP3	5	
594910.3	4129652	0.13065	48.87	48.87	1.5	ANNUAL	SRCGP3	5	
594930.3	4129652	0.14626	48.81	48.81	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594950.3	4129652	0.16384	48.63	48.63	1.5	ANNUAL	SRCGP3	5	
594970.3	4129652	0.183	48.49	48.49	1.5	ANNUAL	SRCGP3	5	
594990.3	4129652	0.2039	48.3	48.3	1.5	ANNUAL	SRCGP3	5	
595010.3	4129652	0.22655	48.05	48.05	1.5	ANNUAL	SRCGP3	5	
595030.3	4129652	0.25092	47.79	47.79	1.5	ANNUAL	SRCGP3	5	
595050.3	4129652	0.27555	47.99	47.99	1.5	ANNUAL	SRCGP3	5	
595070.3	4129652	0.3143	47.33	47.33	1.5	ANNUAL	SRCGP3	5	
595090.3	4129652	0.34559	47.35	47.35	1.5	ANNUAL	SRCGP3	5	
594790.3	4129672	0.07383	48.86	48.86	1.5	ANNUAL	SRCGP3	5	
594810.3	4129672	0.08118	48.93	48.93	1.5	ANNUAL	SRCGP3	5	
594830.3	4129672	0.08964	49.02	49.02	1.5	ANNUAL	SRCGP3	5	
594850.3	4129672	0.09962	48.97	48.97	1.5	ANNUAL	SRCGP3	5	
594870.3	4129672	0.1112	48.92	48.92	1.5	ANNUAL	SRCGP3	5	
594890.3	4129672	0.12449	48.94	48.94	1.5	ANNUAL	SRCGP3	5	
594910.3	4129672	0.1399	48.84	48.84	1.5	ANNUAL	SRCGP3	5	
594930.3	4129672	0.15753	48.65	48.65	1.5	ANNUAL	SRCGP3	5	
594950.3	4129672	0.17706	48.52	48.52	1.5	ANNUAL	SRCGP3	5	
594970.3	4129672	0.19849	48.41	48.41	1.5	ANNUAL	SRCGP3	5	
594990.3	4129672	0.22212	48.18	48.18	1.5	ANNUAL	SRCGP3	5	
595010.3	4129672	0.24805	47.83	47.83	1.5	ANNUAL	SRCGP3	5	
595030.3	4129672	0.27533	47.69	47.69	1.5	ANNUAL	SRCGP3	5	
595050.3	4129672	0.3043	47.68	47.68	1.5	ANNUAL	SRCGP3	5	
595090.3	4129672	0.38361	47.36	47.36	1.5	ANNUAL	SRCGP3	5	
594790.3	4129692	0.07772	48.71	48.71	1.5	ANNUAL	SRCGP3	5	
594810.3	4129692	0.08572	48.78	48.78	1.5	ANNUAL	SRCGP3	5	
594830.3	4129692	0.09511	48.73	48.73	1.5	ANNUAL	SRCGP3	5	
594850.3	4129692	0.10613	48.64	48.64	1.5	ANNUAL	SRCGP3	5	
594870.3	4129692	0.11886	48.64	48.64	1.5	ANNUAL	SRCGP3	5	
594890.3	4129692	0.13353	48.7	48.7	1.5	ANNUAL	SRCGP3	5	
594910.3	4129692	0.15082	48.55	48.55	1.5	ANNUAL	SRCGP3	5	
594930.3	4129692	0.17033	48.46	48.46	1.5	ANNUAL	SRCGP3	5	
594950.3	4129692	0.1926	48.21	48.21	1.5	ANNUAL	SRCGP3	5	
594970.3	4129692	0.21698	48.05	48.05	1.5	ANNUAL	SRCGP3	5	
594990.3	4129692	0.24303	48.06	48.06	1.5	ANNUAL	SRCGP3	5	
595010.3	4129692	0.2722	47.8	47.8	1.5	ANNUAL	SRCGP3	5	
595050.3	4129692	0.3373	47.51	47.51	1.5	ANNUAL	SRCGP3	5	
595070.3	4129692	0.3738	47.48	47.48	1.5	ANNUAL	SRCGP3	5	
595090.3	4129692	0.42883	47.23	47.23	1.5	ANNUAL	SRCGP3	5	
594790.3	4129712	0.08217	48.36	48.36	1.5	ANNUAL	SRCGP3	5	
594810.3	4129712	0.09092	48.42	48.42	1.5	ANNUAL	SRCGP3	5	
594830.3	4129712	0.10105	48.52	48.52	1.5	ANNUAL	SRCGP3	5	
594850.3	4129712	0.11339	48.29	48.29	1.5	ANNUAL	SRCGP3	5	
594870.3	4129712	0.12748	48.31	48.31	1.5	ANNUAL	SRCGP3	5	
594890.3	4129712	0.14353	48.53	48.53	1.5	ANNUAL	SRCGP3	5	
594910.3	4129712	0.16275	48.43	48.43	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594930.3	4129712	0.18487	48.27	48.27	1.5	ANNUAL	SRCGP3	5	
595050.3	4129712	0.37541	47.48	47.48	1.5	ANNUAL	SRCGP3	5	
595070.3	4129712	0.43239	47.39	47.39	1.5	ANNUAL	SRCGP3	5	
595090.3	4129712	0.48226	47.17	47.17	1.5	ANNUAL	SRCGP3	5	
595130.3	4129712	0.59745	46.45	46.45	1.5	ANNUAL	SRCGP3	5	
595150.3	4129712	0.66128	46.11	46.11	1.5	ANNUAL	SRCGP3	5	
595170.3	4129712	0.72771	45.84	45.84	1.5	ANNUAL	SRCGP3	5	
594790.3	4129732	0.08699	48.09	48.09	1.5	ANNUAL	SRCGP3	5	
594810.3	4129732	0.09645	48.25	48.25	1.5	ANNUAL	SRCGP3	5	
594830.3	4129732	0.10758	48.35	48.35	1.5	ANNUAL	SRCGP3	5	
594850.3	4129732	0.12086	48.33	48.33	1.5	ANNUAL	SRCGP3	5	
594870.3	4129732	0.1366	48.27	48.27	1.5	ANNUAL	SRCGP3	5	
594890.3	4129732	0.15499	48.27	48.27	1.5	ANNUAL	SRCGP3	5	
594910.3	4129732	0.17647	48.23	48.23	1.5	ANNUAL	SRCGP3	5	
594930.3	4129732	0.20177	47.98	47.98	1.5	ANNUAL	SRCGP3	5	
594950.3	4129732	0.22987	47.9	47.9	1.5	ANNUAL	SRCGP3	5	
594970.3	4129732	0.26127	47.8	47.8	1.5	ANNUAL	SRCGP3	5	
594990.3	4129732	0.29569	47.74	47.74	1.5	ANNUAL	SRCGP3	5	
595010.3	4129732	0.33326	47.7	47.7	1.5	ANNUAL	SRCGP3	5	
595050.3	4129732	0.43556	47.24	47.24	1.5	ANNUAL	SRCGP3	5	
595070.3	4129732	0.48784	47.26	47.26	1.5	ANNUAL	SRCGP3	5	
595090.3	4129732	0.54579	47.2	47.2	1.5	ANNUAL	SRCGP3	5	
595130.3	4129732	0.68141	46.39	46.39	1.5	ANNUAL	SRCGP3	5	
595150.3	4129732	0.75667	45.88	45.88	1.5	ANNUAL	SRCGP3	5	
595210.3	4129732	0.9815	45.68	45.68	1.5	ANNUAL	SRCGP3	5	
595230.3	4129732	1.05225	45.67	45.67	1.5	ANNUAL	SRCGP3	5	
595270.3	4129732	1.18248	45.17	45.17	1.5	ANNUAL	SRCGP3	5	
595290.3	4129732	1.23749	44.96	44.96	1.5	ANNUAL	SRCGP3	5	
594470.3	4129752	0.03928	47.62	47.62	1.5	ANNUAL	SRCGP3	5	
594490.3	4129752	0.03975	47.72	47.72	1.5	ANNUAL	SRCGP3	5	
594510.3	4129752	0.04032	47.78	47.78	1.5	ANNUAL	SRCGP3	5	
594530.3	4129752	0.041	47.86	47.86	1.5	ANNUAL	SRCGP3	5	
594550.3	4129752	0.04201	47.58	47.58	1.5	ANNUAL	SRCGP3	5	
594570.3	4129752	0.0431	47.65	47.65	1.5	ANNUAL	SRCGP3	5	
594590.3	4129752	0.04447	47.72	47.72	1.5	ANNUAL	SRCGP3	5	
594790.3	4129752	0.09222	47.91	47.91	1.5	ANNUAL	SRCGP3	5	
594810.3	4129752	0.10266	48.01	48.01	1.5	ANNUAL	SRCGP3	5	
594830.3	4129752	0.11497	48.09	48.09	1.5	ANNUAL	SRCGP3	5	
594850.3	4129752	0.12985	47.99	47.99	1.5	ANNUAL	SRCGP3	5	
594870.3	4129752	0.14703	48.14	48.14	1.5	ANNUAL	SRCGP3	5	
594890.3	4129752	0.16752	48.2	48.2	1.5	ANNUAL	SRCGP3	5	
594910.3	4129752	0.19189	48.12	48.12	1.5	ANNUAL	SRCGP3	5	
594930.3	4129752	0.22022	48	48	1.5	ANNUAL	SRCGP3	5	
594950.3	4129752	0.25224	47.94	47.94	1.5	ANNUAL	SRCGP3	5	
594970.3	4129752	0.28807	47.89	47.89	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.3	4129752	0.32817	47.75	47.75	1.5	ANNUAL	SRCGP3	5	
595010.3	4129752	0.37289	47.52	47.52	1.5	ANNUAL	SRCGP3	5	
595050.3	4129752	0.4928	47.09	47.09	1.5	ANNUAL	SRCGP3	5	
595070.3	4129752	0.55506	47.06	47.06	1.5	ANNUAL	SRCGP3	5	
595090.3	4129752	0.62417	46.95	46.95	1.5	ANNUAL	SRCGP3	5	
595170.3	4129752	0.95672	45.71	45.71	1.5	ANNUAL	SRCGP3	5	
595190.3	4129752	1.04134	45.71	45.71	1.5	ANNUAL	SRCGP3	5	
595210.3	4129752	1.12343	45.65	45.65	1.5	ANNUAL	SRCGP3	5	
595230.3	4129752	1.19996	45.65	45.65	1.5	ANNUAL	SRCGP3	5	
595270.3	4129752	1.33482	45.33	45.33	1.5	ANNUAL	SRCGP3	5	
595290.3	4129752	1.39081	45.04	45.04	1.5	ANNUAL	SRCGP3	5	
594470.3	4129772	0.04369	47.2	47.2	1.5	ANNUAL	SRCGP3	5	
594490.3	4129772	0.04302	47.61	47.61	1.5	ANNUAL	SRCGP3	5	
594510.3	4129772	0.04527	47.36	47.36	1.5	ANNUAL	SRCGP3	5	
594530.3	4129772	0.04443	47.53	47.53	1.5	ANNUAL	SRCGP3	5	
594550.3	4129772	0.04736	47.29	47.29	1.5	ANNUAL	SRCGP3	5	
594570.3	4129772	0.04647	47.46	47.46	1.5	ANNUAL	SRCGP3	5	
594590.3	4129772	0.04779	47.57	47.57	1.5	ANNUAL	SRCGP3	5	
594790.3	4129772	0.09793	47.83	47.83	1.5	ANNUAL	SRCGP3	5	
594810.3	4129772	0.10926	48.01	48.01	1.5	ANNUAL	SRCGP3	5	
594830.3	4129772	0.12294	48.02	48.02	1.5	ANNUAL	SRCGP3	5	
594850.3	4129772	0.13898	48.17	48.17	1.5	ANNUAL	SRCGP3	5	
594870.3	4129772	0.15885	48	48	1.5	ANNUAL	SRCGP3	5	
594890.3	4129772	0.18208	48.02	48.02	1.5	ANNUAL	SRCGP3	5	
594910.3	4129772	0.21908	47.42	47.42	1.5	ANNUAL	SRCGP3	5	
594930.3	4129772	0.25247	47.27	47.27	1.5	ANNUAL	SRCGP3	5	
594950.3	4129772	0.29009	47.33	47.33	1.5	ANNUAL	SRCGP3	5	
594970.3	4129772	0.33283	47.3	47.3	1.5	ANNUAL	SRCGP3	5	
594990.3	4129772	0.36834	47.45	47.45	1.5	ANNUAL	SRCGP3	5	
595010.3	4129772	0.43377	47.36	47.36	1.5	ANNUAL	SRCGP3	5	
595050.3	4129772	0.56179	47.02	47.02	1.5	ANNUAL	SRCGP3	5	
595070.3	4129772	0.63667	46.92	46.92	1.5	ANNUAL	SRCGP3	5	
595090.3	4129772	0.71825	46.95	46.95	1.5	ANNUAL	SRCGP3	5	
595170.3	4129772	1.10614	45.71	45.71	1.5	ANNUAL	SRCGP3	5	
595190.3	4129772	1.20118	45.67	45.67	1.5	ANNUAL	SRCGP3	5	
595230.3	4129772	1.37264	45.62	45.62	1.5	ANNUAL	SRCGP3	5	
595250.3	4129772	1.44414	45.71	45.71	1.5	ANNUAL	SRCGP3	5	
595270.3	4129772	1.50819	45.55	45.55	1.5	ANNUAL	SRCGP3	5	
595290.3	4129772	1.56354	45.19	45.19	1.5	ANNUAL	SRCGP3	5	
594470.3	4129792	0.04714	47.17	47.17	1.5	ANNUAL	SRCGP3	5	
594490.3	4129792	0.04804	47.06	47.06	1.5	ANNUAL	SRCGP3	5	
594510.3	4129792	0.04897	47.13	47.13	1.5	ANNUAL	SRCGP3	5	
594530.3	4129792	0.05001	47.12	47.12	1.5	ANNUAL	SRCGP3	5	
594550.3	4129792	0.05112	47.37	47.37	1.5	ANNUAL	SRCGP3	5	
594570.3	4129792	0.05253	47.24	47.24	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594590.3	4129792	0.05416	47.24	47.24	1.5	ANNUAL	SRCGP3	5	
594610.3	4129792	0.05608	47.37	47.37	1.5	ANNUAL	SRCGP3	5	
594790.3	4129792	0.1042	47.83	47.83	1.5	ANNUAL	SRCGP3	5	
594810.3	4129792	0.11655	48.06	48.06	1.5	ANNUAL	SRCGP3	5	
594830.3	4129792	0.13171	48.04	48.04	1.5	ANNUAL	SRCGP3	5	
594850.3	4129792	0.15038	47.82	47.82	1.5	ANNUAL	SRCGP3	5	
594870.3	4129792	0.17207	47.94	47.94	1.5	ANNUAL	SRCGP3	5	
594890.3	4129792	0.19877	47.84	47.84	1.5	ANNUAL	SRCGP3	5	
594930.3	4129792	0.27877	47.26	47.26	1.5	ANNUAL	SRCGP3	5	
594950.3	4129792	0.32243	47.35	47.35	1.5	ANNUAL	SRCGP3	5	
594970.3	4129792	0.37258	47.3	47.3	1.5	ANNUAL	SRCGP3	5	
594990.3	4129792	0.4299	47.1	47.1	1.5	ANNUAL	SRCGP3	5	
595010.3	4129792	0.49456	46.9	46.9	1.5	ANNUAL	SRCGP3	5	
595050.3	4129792	0.647	46.86	46.86	1.5	ANNUAL	SRCGP3	5	
595070.3	4129792	0.73719	46.79	46.79	1.5	ANNUAL	SRCGP3	5	
595090.3	4129792	0.83653	46.69	46.69	1.5	ANNUAL	SRCGP3	5	
595190.3	4129792	1.3913	45.69	45.69	1.5	ANNUAL	SRCGP3	5	
595210.3	4129792	1.48775	45.67	45.67	1.5	ANNUAL	SRCGP3	5	
595230.3	4129792	1.5731	45.68	45.68	1.5	ANNUAL	SRCGP3	5	
595250.3	4129792	1.64678	45.65	45.65	1.5	ANNUAL	SRCGP3	5	
595270.3	4129792	1.71142	45.31	45.31	1.5	ANNUAL	SRCGP3	5	
595290.3	4129792	1.76264	44.96	44.96	1.5	ANNUAL	SRCGP3	5	
595310.3	4129792	1.79549	45	45	1.5	ANNUAL	SRCGP3	5	
595330.3	4129792	1.81773	44.84	44.84	1.5	ANNUAL	SRCGP3	5	
594470.3	4129812	0.05098	47.07	47.07	1.5	ANNUAL	SRCGP3	5	
594490.3	4129812	0.05204	46.93	46.93	1.5	ANNUAL	SRCGP3	5	
594510.3	4129812	0.05308	47.1	47.1	1.5	ANNUAL	SRCGP3	5	
594530.3	4129812	0.05425	47.07	47.07	1.5	ANNUAL	SRCGP3	5	
594550.3	4129812	0.05547	47.3	47.3	1.5	ANNUAL	SRCGP3	5	
594570.3	4129812	0.05694	47.27	47.27	1.5	ANNUAL	SRCGP3	5	
594590.3	4129812	0.05858	47.43	47.43	1.5	ANNUAL	SRCGP3	5	
594610.3	4129812	0.06062	47.37	47.37	1.5	ANNUAL	SRCGP3	5	
594790.3	4129812	0.11157	47.62	47.62	1.5	ANNUAL	SRCGP3	5	
594810.3	4129812	0.12532	47.77	47.77	1.5	ANNUAL	SRCGP3	5	
594830.3	4129812	0.14213	47.8	47.8	1.5	ANNUAL	SRCGP3	5	
594850.3	4129812	0.16313	47.57	47.57	1.5	ANNUAL	SRCGP3	5	
594870.3	4129812	0.18797	47.61	47.61	1.5	ANNUAL	SRCGP3	5	
594890.3	4129812	0.21825	47.6	47.6	1.5	ANNUAL	SRCGP3	5	
594950.3	4129812	0.36125	47.26	47.26	1.5	ANNUAL	SRCGP3	5	
594970.3	4129812	0.42055	47.24	47.24	1.5	ANNUAL	SRCGP3	5	
594990.3	4129812	0.48981	46.89	46.89	1.5	ANNUAL	SRCGP3	5	
595010.3	4129812	0.56715	46.8	46.8	1.5	ANNUAL	SRCGP3	5	
595050.3	4129812	0.7526	46.75	46.75	1.5	ANNUAL	SRCGP3	5	
595070.3	4129812	0.86275	46.65	46.65	1.5	ANNUAL	SRCGP3	5	
595090.3	4129812	0.98255	46.6	46.6	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129812	1.61875	45.68	45.68	1.5	ANNUAL	SRCGP3	5	
595210.3	4129812	1.72049	45.67	45.67	1.5	ANNUAL	SRCGP3	5	
595250.3	4129812	1.88745	45.08	45.08	1.5	ANNUAL	SRCGP3	5	
595270.3	4129812	1.94185	45.11	45.11	1.5	ANNUAL	SRCGP3	5	
595310.3	4129812	2.00497	44.98	44.98	1.5	ANNUAL	SRCGP3	5	
595350.3	4129812	2.01107	44.65	44.65	1.5	ANNUAL	SRCGP3	5	
594790.3	4129832	0.11971	47.56	47.56	1.5	ANNUAL	SRCGP3	5	
594810.3	4129832	0.13487	47.71	47.71	1.5	ANNUAL	SRCGP3	5	
594830.3	4129832	0.15354	47.77	47.77	1.5	ANNUAL	SRCGP3	5	
594850.3	4129832	0.17739	47.45	47.45	1.5	ANNUAL	SRCGP3	5	
594870.3	4129832	0.20536	47.58	47.58	1.5	ANNUAL	SRCGP3	5	
594890.3	4129832	0.24047	47.48	47.48	1.5	ANNUAL	SRCGP3	5	
594950.3	4129832	0.40724	47.32	47.32	1.5	ANNUAL	SRCGP3	5	
594970.3	4129832	0.47859	47.23	47.23	1.5	ANNUAL	SRCGP3	5	
594990.3	4129832	0.56344	46.71	46.71	1.5	ANNUAL	SRCGP3	5	
595010.3	4129832	0.65768	46.66	46.66	1.5	ANNUAL	SRCGP3	5	
595050.3	4129832	0.88673	46.55	46.55	1.5	ANNUAL	SRCGP3	5	
595070.3	4129832	1.02215	46.46	46.46	1.5	ANNUAL	SRCGP3	5	
595090.3	4129832	1.16784	46.43	46.43	1.5	ANNUAL	SRCGP3	5	
595270.3	4129832	2.20047	44.97	44.97	1.5	ANNUAL	SRCGP3	5	
595310.3	4129832	2.23495	44.84	44.84	1.5	ANNUAL	SRCGP3	5	
595330.3	4129832	2.22614	44.79	44.79	1.5	ANNUAL	SRCGP3	5	
595350.3	4129832	2.20334	44.68	44.68	1.5	ANNUAL	SRCGP3	5	
594790.3	4129852	0.12891	47.59	47.59	1.5	ANNUAL	SRCGP3	5	
594810.3	4129852	0.14559	47.75	47.75	1.5	ANNUAL	SRCGP3	5	
594830.3	4129852	0.17393	47.4	47.4	1.5	ANNUAL	SRCGP3	5	
594850.3	4129852	0.20142	47.26	47.26	1.5	ANNUAL	SRCGP3	5	
594870.3	4129852	0.23552	47.17	47.17	1.5	ANNUAL	SRCGP3	5	
594890.3	4129852	0.27724	47.24	47.24	1.5	ANNUAL	SRCGP3	5	
594950.3	4129852	0.4646	47.11	47.11	1.5	ANNUAL	SRCGP3	5	
594970.3	4129852	0.55245	46.87	46.87	1.5	ANNUAL	SRCGP3	5	
594990.3	4129852	0.65533	46.56	46.56	1.5	ANNUAL	SRCGP3	5	
595010.3	4129852	0.77139	46.6	46.6	1.5	ANNUAL	SRCGP3	5	
595050.3	4129852	1.05765	46.44	46.44	1.5	ANNUAL	SRCGP3	5	
595070.3	4129852	1.22597	46.32	46.32	1.5	ANNUAL	SRCGP3	5	
595090.3	4129852	1.40348	46.32	46.32	1.5	ANNUAL	SRCGP3	5	
595290.3	4129852	2.49127	44.98	44.98	1.5	ANNUAL	SRCGP3	5	
595310.3	4129852	2.47899	44.85	44.85	1.5	ANNUAL	SRCGP3	5	
595330.3	4129852	2.44674	44.84	44.84	1.5	ANNUAL	SRCGP3	5	
594790.3	4129912	0.17723	46.78	46.78	1.5	ANNUAL	SRCGP3	5	
594810.3	4129912	0.20023	47.19	47.19	1.5	ANNUAL	SRCGP3	5	
594830.3	4129912	0.23143	47.09	47.09	1.5	ANNUAL	SRCGP3	5	
594850.3	4129912	0.27311	46.7	46.7	1.5	ANNUAL	SRCGP3	5	
594870.3	4129912	0.32601	46.74	46.74	1.5	ANNUAL	SRCGP3	5	
594890.3	4129912	0.39568	46.6	46.6	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.3	4129912	0.4853	46.52	46.52	1.5	ANNUAL	SRCGP3	5	
594930.3	4129912	0.59968	46.39	46.39	1.5	ANNUAL	SRCGP3	5	
594950.3	4129912	0.74322	46.19	46.19	1.5	ANNUAL	SRCGP3	5	
594970.3	4129912	0.91982	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594990.3	4129912	1.13357	45.75	45.75	1.5	ANNUAL	SRCGP3	5	
595010.3	4129912	1.37662	46.09	46.09	1.5	ANNUAL	SRCGP3	5	
595030.3	4129912	1.66561	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
595050.3	4129912	1.98306	45.89	45.89	1.5	ANNUAL	SRCGP3	5	
595090.3	4129912	2.63919	45.52	45.52	1.5	ANNUAL	SRCGP3	5	
595110.3	4129912	2.92309	45.59	45.59	1.5	ANNUAL	SRCGP3	5	
595130.3	4129912	3.16814	45.47	45.47	1.5	ANNUAL	SRCGP3	5	
595150.3	4129912	3.35545	45.48	45.48	1.5	ANNUAL	SRCGP3	5	
595170.3	4129912	3.48897	45.47	45.47	1.5	ANNUAL	SRCGP3	5	
595190.3	4129912	3.5695	45.48	45.48	1.5	ANNUAL	SRCGP3	5	
595210.3	4129912	3.60838	45.3	45.3	1.5	ANNUAL	SRCGP3	5	
595230.3	4129912	3.61637	44.69	44.69	1.5	ANNUAL	SRCGP3	5	
595250.3	4129912	3.56847	44.65	44.65	1.5	ANNUAL	SRCGP3	5	
595270.3	4129912	3.4889	44.61	44.61	1.5	ANNUAL	SRCGP3	5	
595290.3	4129912	3.37509	44.94	44.94	1.5	ANNUAL	SRCGP3	5	
595310.3	4129912	3.26241	44.34	44.34	1.5	ANNUAL	SRCGP3	5	
595330.3	4129912	3.1268	44.06	44.06	1.5	ANNUAL	SRCGP3	5	
595350.3	4129912	2.97202	44.33	44.33	1.5	ANNUAL	SRCGP3	5	
595370.3	4129912	2.81861	44.2	44.2	1.5	ANNUAL	SRCGP3	5	
595390.3	4129912	2.66352	44.02	44.02	1.5	ANNUAL	SRCGP3	5	
595430.3	4129912	2.35504	43.83	43.83	1.5	ANNUAL	SRCGP3	5	
595450.3	4129912	2.20395	44.05	44.05	1.5	ANNUAL	SRCGP3	5	
594790.3	4129932	0.19828	46.42	46.42	1.5	ANNUAL	SRCGP3	5	
594810.3	4129932	0.22475	46.53	46.53	1.5	ANNUAL	SRCGP3	5	
594830.3	4129932	0.26034	46.45	46.45	1.5	ANNUAL	SRCGP3	5	
594850.3	4129932	0.30796	46.31	46.31	1.5	ANNUAL	SRCGP3	5	
594870.3	4129932	0.37157	46.16	46.16	1.5	ANNUAL	SRCGP3	5	
594890.3	4129932	0.45574	46.11	46.11	1.5	ANNUAL	SRCGP3	5	
594910.3	4129932	0.5696	45.73	45.73	1.5	ANNUAL	SRCGP3	5	
594930.3	4129932	0.71322	45.86	45.86	1.5	ANNUAL	SRCGP3	5	
594950.3	4129932	0.89971	45.7	45.7	1.5	ANNUAL	SRCGP3	5	
594970.3	4129932	1.13407	45.49	45.49	1.5	ANNUAL	SRCGP3	5	
594990.3	4129932	1.41607	45.55	45.55	1.5	ANNUAL	SRCGP3	5	
595010.3	4129932	1.75183	45.59	45.59	1.5	ANNUAL	SRCGP3	5	
595030.3	4129932	2.14288	45.35	45.35	1.5	ANNUAL	SRCGP3	5	
595050.3	4129932	2.55089	45.43	45.43	1.5	ANNUAL	SRCGP3	5	
595090.3	4129932	3.33098	45.36	45.36	1.5	ANNUAL	SRCGP3	5	
595110.3	4129932	3.64293	45.32	45.32	1.5	ANNUAL	SRCGP3	5	
595130.3	4129932	3.88509	45.21	45.21	1.5	ANNUAL	SRCGP3	5	
595150.3	4129932	4.0424	45.32	45.32	1.5	ANNUAL	SRCGP3	5	
595170.3	4129932	4.13426	45.32	45.32	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129932	4.17051	45.14	45.14	1.5	ANNUAL	SRCGP3	5	
595210.3	4129932	4.14845	45.04	45.04	1.5	ANNUAL	SRCGP3	5	
595250.3	4129932	3.97404	44.8	44.8	1.5	ANNUAL	SRCGP3	5	
595270.3	4129932	3.83434	44.78	44.78	1.5	ANNUAL	SRCGP3	5	
595290.3	4129932	3.68082	44.41	44.41	1.5	ANNUAL	SRCGP3	5	
595310.3	4129932	3.50649	44.2	44.2	1.5	ANNUAL	SRCGP3	5	
595330.3	4129932	3.32293	43.93	43.93	1.5	ANNUAL	SRCGP3	5	
595350.3	4129932	3.1256	44.19	44.19	1.5	ANNUAL	SRCGP3	5	
595370.3	4129932	2.93866	43.79	43.79	1.5	ANNUAL	SRCGP3	5	
595390.3	4129932	2.74762	43.87	43.87	1.5	ANNUAL	SRCGP3	5	
595430.3	4129932	2.38818	43.72	43.72	1.5	ANNUAL	SRCGP3	5	
595450.3	4129932	2.21938	43.8	43.8	1.5	ANNUAL	SRCGP3	5	
594790.3	4129952	0.2243	46.19	46.19	1.5	ANNUAL	SRCGP3	5	
594810.3	4129952	0.25459	46.14	46.14	1.5	ANNUAL	SRCGP3	5	
594830.3	4129952	0.29554	46.03	46.03	1.5	ANNUAL	SRCGP3	5	
594850.3	4129952	0.35095	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594870.3	4129952	0.42702	45.84	45.84	1.5	ANNUAL	SRCGP3	5	
594890.3	4129952	0.53069	45.76	45.76	1.5	ANNUAL	SRCGP3	5	
594910.3	4129952	0.67082	45.76	45.76	1.5	ANNUAL	SRCGP3	5	
594930.3	4129952	0.86087	45.58	45.58	1.5	ANNUAL	SRCGP3	5	
594950.3	4129952	1.10957	45.45	45.45	1.5	ANNUAL	SRCGP3	5	
594970.3	4129952	1.42667	45.38	45.38	1.5	ANNUAL	SRCGP3	5	
594990.3	4129952	1.81933	45.36	45.36	1.5	ANNUAL	SRCGP3	5	
595010.3	4129952	2.28925	45.25	45.25	1.5	ANNUAL	SRCGP3	5	
595030.3	4129952	2.81031	45.2	45.2	1.5	ANNUAL	SRCGP3	5	
595050.3	4129952	3.34045	45.2	45.2	1.5	ANNUAL	SRCGP3	5	
595090.3	4129952	4.24072	45.21	45.21	1.5	ANNUAL	SRCGP3	5	
595110.3	4129952	4.5435	45.27	45.27	1.5	ANNUAL	SRCGP3	5	
595130.3	4129952	4.75544	45.04	45.04	1.5	ANNUAL	SRCGP3	5	
595150.3	4129952	4.84959	45.17	45.17	1.5	ANNUAL	SRCGP3	5	
595170.3	4129952	4.87437	45.02	45.02	1.5	ANNUAL	SRCGP3	5	
595190.3	4129952	4.83873	44.64	44.64	1.5	ANNUAL	SRCGP3	5	
595210.3	4129952	4.73437	44.5	44.5	1.5	ANNUAL	SRCGP3	5	
595250.3	4129952	4.38049	44.82	44.82	1.5	ANNUAL	SRCGP3	5	
595290.3	4129952	3.94786	44.55	44.55	1.5	ANNUAL	SRCGP3	5	
595310.3	4129952	3.71739	44.27	44.27	1.5	ANNUAL	SRCGP3	5	
595330.3	4129952	3.48571	43.85	43.85	1.5	ANNUAL	SRCGP3	5	
595350.3	4129952	3.24333	44.14	44.14	1.5	ANNUAL	SRCGP3	5	
595370.3	4129952	3.01639	43.91	43.91	1.5	ANNUAL	SRCGP3	5	
595390.3	4129952	2.79628	43.82	43.82	1.5	ANNUAL	SRCGP3	5	
595430.3	4129952	2.39124	43.56	43.56	1.5	ANNUAL	SRCGP3	5	
595450.3	4129952	2.20591	43.64	43.64	1.5	ANNUAL	SRCGP3	5	
594510.3	4129972	0.10747	46.83	46.83	1.5	ANNUAL	SRCGP3	5	
594530.3	4129972	0.11239	47.03	47.03	1.5	ANNUAL	SRCGP3	5	
594550.3	4129972	0.11779	46.99	46.99	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595090.3	4129972	5.42685	45.01	45.01	1.5	ANNUAL	SRCGP3	5	
595110.3	4129972	5.67996	44.91	44.91	1.5	ANNUAL	SRCGP3	5	
595130.3	4129972	5.78604	44.88	44.88	1.5	ANNUAL	SRCGP3	5	
595150.3	4129972	5.76879	44.99	44.99	1.5	ANNUAL	SRCGP3	5	
595170.3	4129972	5.68191	44.78	44.78	1.5	ANNUAL	SRCGP3	5	
595190.3	4129972	5.5271	44.54	44.54	1.5	ANNUAL	SRCGP3	5	
595210.3	4129972	5.30786	44.57	44.57	1.5	ANNUAL	SRCGP3	5	
595230.3	4129972	5.06169	44.35	44.35	1.5	ANNUAL	SRCGP3	5	
595250.3	4129972	4.76357	44.85	44.85	1.5	ANNUAL	SRCGP3	5	
595270.3	4129972	4.47495	44.7	44.7	1.5	ANNUAL	SRCGP3	5	
595290.3	4129972	4.18654	44.28	44.28	1.5	ANNUAL	SRCGP3	5	
595310.3	4129972	3.8916	44.07	44.07	1.5	ANNUAL	SRCGP3	5	
595330.3	4129972	3.60567	43.7	43.7	1.5	ANNUAL	SRCGP3	5	
595350.3	4129972	3.31838	44.02	44.02	1.5	ANNUAL	SRCGP3	5	
595370.3	4129972	3.05388	43.88	43.88	1.5	ANNUAL	SRCGP3	5	
595390.3	4129972	2.80587	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595430.3	4129972	2.36045	43.48	43.48	1.5	ANNUAL	SRCGP3	5	
595450.3	4129972	2.16237	43.56	43.56	1.5	ANNUAL	SRCGP3	5	
594510.3	4129992	0.1178	46.81	46.81	1.5	ANNUAL	SRCGP3	5	
594530.3	4129992	0.12379	46.88	46.88	1.5	ANNUAL	SRCGP3	5	
594550.3	4129992	0.1302	46.99	46.99	1.5	ANNUAL	SRCGP3	5	
594790.3	4129992	0.29928	45.96	45.96	1.5	ANNUAL	SRCGP3	5	
594810.3	4129992	0.33925	46.02	46.02	1.5	ANNUAL	SRCGP3	5	
594830.3	4129992	0.39451	45.97	45.97	1.5	ANNUAL	SRCGP3	5	
594850.3	4129992	0.47263	45.88	45.88	1.5	ANNUAL	SRCGP3	5	
594870.3	4129992	0.58507	45.78	45.78	1.5	ANNUAL	SRCGP3	5	
594890.3	4129992	0.74899	45.68	45.68	1.5	ANNUAL	SRCGP3	5	
594910.3	4129992	0.99061	45.53	45.53	1.5	ANNUAL	SRCGP3	5	
594930.3	4129992	1.34033	45.47	45.47	1.5	ANNUAL	SRCGP3	5	
594950.3	4129992	1.83736	45.34	45.34	1.5	ANNUAL	SRCGP3	5	
594970.3	4129992	2.51182	45.21	45.21	1.5	ANNUAL	SRCGP3	5	
595010.3	4129992	4.31787	45.01	45.01	1.5	ANNUAL	SRCGP3	5	
595030.3	4129992	5.25626	45	45	1.5	ANNUAL	SRCGP3	5	
595050.3	4129992	6.05194	44.95	44.95	1.5	ANNUAL	SRCGP3	5	
595090.3	4129992	6.92852	44.79	44.79	1.5	ANNUAL	SRCGP3	5	
595110.3	4129992	7.01824	44.8	44.8	1.5	ANNUAL	SRCGP3	5	
595130.3	4129992	6.95349	44.73	44.73	1.5	ANNUAL	SRCGP3	5	
595150.3	4129992	6.76847	44.77	44.77	1.5	ANNUAL	SRCGP3	5	
595170.3	4129992	6.52816	44.48	44.48	1.5	ANNUAL	SRCGP3	5	
595190.3	4129992	6.2099	44.6	44.6	1.5	ANNUAL	SRCGP3	5	
595210.3	4129992	5.86401	44.58	44.58	1.5	ANNUAL	SRCGP3	5	
595230.3	4129992	5.50703	44.27	44.27	1.5	ANNUAL	SRCGP3	5	
595250.3	4129992	5.12085	44.36	44.36	1.5	ANNUAL	SRCGP3	5	
595270.3	4129992	4.73898	44.3	44.3	1.5	ANNUAL	SRCGP3	5	
595290.3	4129992	4.37116	43.97	43.97	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.3	4129992	4.00799	43.94	43.94	1.5	ANNUAL	SRCGP3	5	
595330.3	4129992	3.66899	43.63	43.63	1.5	ANNUAL	SRCGP3	5	
595350.3	4129992	3.34084	43.91	43.91	1.5	ANNUAL	SRCGP3	5	
595370.3	4129992	3.04268	43.86	43.86	1.5	ANNUAL	SRCGP3	5	
595390.3	4129992	2.76967	43.75	43.75	1.5	ANNUAL	SRCGP3	5	
595430.3	4129992	2.29586	43.39	43.39	1.5	ANNUAL	SRCGP3	5	
595450.3	4129992	2.08943	43.51	43.51	1.5	ANNUAL	SRCGP3	5	
594510.3	4130012	0.12927	46.78	46.78	1.5	ANNUAL	SRCGP3	5	
594550.3	4130012	0.14425	46.82	46.82	1.5	ANNUAL	SRCGP3	5	
594790.3	4130012	0.35488	45.75	45.75	1.5	ANNUAL	SRCGP3	5	
594810.3	4130012	0.40284	45.92	45.92	1.5	ANNUAL	SRCGP3	5	
594830.3	4130012	0.47082	45.75	45.75	1.5	ANNUAL	SRCGP3	5	
594850.3	4130012	0.56722	45.64	45.64	1.5	ANNUAL	SRCGP3	5	
594870.3	4130012	0.70939	45.52	45.52	1.5	ANNUAL	SRCGP3	5	
594890.3	4130012	0.92283	45.5	45.5	1.5	ANNUAL	SRCGP3	5	
594910.3	4130012	1.25483	45.39	45.39	1.5	ANNUAL	SRCGP3	5	
594930.3	4130012	1.76623	45.34	45.34	1.5	ANNUAL	SRCGP3	5	
594950.3	4130012	2.537	45.17	45.17	1.5	ANNUAL	SRCGP3	5	
594970.3	4130012	3.61216	45.04	45.04	1.5	ANNUAL	SRCGP3	5	
595010.3	4130012	6.30622	44.88	44.88	1.5	ANNUAL	SRCGP3	5	
595030.3	4130012	7.4776	44.92	44.92	1.5	ANNUAL	SRCGP3	5	
595050.3	4130012	8.29362	44.79	44.79	1.5	ANNUAL	SRCGP3	5	
595090.3	4130012	8.7077	44.78	44.78	1.5	ANNUAL	SRCGP3	5	
595110.3	4130012	8.52389	44.66	44.66	1.5	ANNUAL	SRCGP3	5	
595150.3	4130012	7.80526	44.36	44.36	1.5	ANNUAL	SRCGP3	5	
595170.3	4130012	7.35167	44.37	44.37	1.5	ANNUAL	SRCGP3	5	
595230.3	4130012	5.88847	44.26	44.26	1.5	ANNUAL	SRCGP3	5	
595250.3	4130012	5.39114	44.4	44.4	1.5	ANNUAL	SRCGP3	5	
595270.3	4130012	4.9228	44.19	44.19	1.5	ANNUAL	SRCGP3	5	
595290.3	4130012	4.48052	43.8	43.8	1.5	ANNUAL	SRCGP3	5	
595310.3	4130012	4.05727	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595330.3	4130012	3.66784	43.53	43.53	1.5	ANNUAL	SRCGP3	5	
595350.3	4130012	3.30358	43.83	43.83	1.5	ANNUAL	SRCGP3	5	
595370.3	4130012	2.98011	43.76	43.76	1.5	ANNUAL	SRCGP3	5	
595390.3	4130012	2.68913	43.68	43.68	1.5	ANNUAL	SRCGP3	5	
595430.3	4130012	2.19864	43.29	43.29	1.5	ANNUAL	SRCGP3	5	
595450.3	4130012	1.98981	43.42	43.42	1.5	ANNUAL	SRCGP3	5	
594490.3	4130032	0.1346	46.29	46.29	1.5	ANNUAL	SRCGP3	5	
594510.3	4130032	0.1422	46.59	46.59	1.5	ANNUAL	SRCGP3	5	
594530.3	4130032	0.15075	46.58	46.58	1.5	ANNUAL	SRCGP3	5	
594570.3	4130032	0.17038	46.62	46.62	1.5	ANNUAL	SRCGP3	5	
594790.3	4130032	0.42843	45.51	45.51	1.5	ANNUAL	SRCGP3	5	
594810.3	4130032	0.49063	45.54	45.54	1.5	ANNUAL	SRCGP3	5	
594830.3	4130032	0.57694	45.44	45.44	1.5	ANNUAL	SRCGP3	5	
594850.3	4130032	0.7	45.41	45.41	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594870.3	4130032	0.88652	45.28	45.28	1.5	ANNUAL	SRCGP3	5	
594890.3	4130032	1.17704	45.26	45.26	1.5	ANNUAL	SRCGP3	5	
594910.3	4130032	1.66006	45.12	45.12	1.5	ANNUAL	SRCGP3	5	
594930.3	4130032	2.46842	45.07	45.07	1.5	ANNUAL	SRCGP3	5	
594950.3	4130032	3.78045	44.88	44.88	1.5	ANNUAL	SRCGP3	5	
594970.3	4130032	5.61721	44.82	44.82	1.5	ANNUAL	SRCGP3	5	
595010.3	4130032	9.59148	44.66	44.66	1.5	ANNUAL	SRCGP3	5	
595030.3	4130032	10.824	44.63	44.63	1.5	ANNUAL	SRCGP3	5	
595050.3	4130032	11.28288	44.62	44.62	1.5	ANNUAL	SRCGP3	5	
595090.3	4130032	10.70502	44.44	44.44	1.5	ANNUAL	SRCGP3	5	
595150.3	4130032	8.78624	44.17	44.17	1.5	ANNUAL	SRCGP3	5	
595170.3	4130032	8.12328	44.19	44.19	1.5	ANNUAL	SRCGP3	5	
595230.3	4130032	6.1904	44.09	44.09	1.5	ANNUAL	SRCGP3	5	
595250.3	4130032	5.57727	44.27	44.27	1.5	ANNUAL	SRCGP3	5	
595270.3	4130032	5.01475	44.11	44.11	1.5	ANNUAL	SRCGP3	5	
595290.3	4130032	4.49907	43.76	43.76	1.5	ANNUAL	SRCGP3	5	
595310.3	4130032	4.02437	43.54	43.54	1.5	ANNUAL	SRCGP3	5	
595330.3	4130032	3.59611	43.33	43.33	1.5	ANNUAL	SRCGP3	5	
595350.3	4130032	3.20407	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595370.3	4130032	2.86368	43.68	43.68	1.5	ANNUAL	SRCGP3	5	
595390.3	4130032	2.56529	43.52	43.52	1.5	ANNUAL	SRCGP3	5	
595430.3	4130032	2.07223	43.19	43.19	1.5	ANNUAL	SRCGP3	5	
595450.3	4130032	1.86742	43.29	43.29	1.5	ANNUAL	SRCGP3	5	
594490.3	4130052	0.14763	46.24	46.24	1.5	ANNUAL	SRCGP3	5	
594510.3	4130052	0.15649	46.62	46.62	1.5	ANNUAL	SRCGP3	5	
594530.3	4130052	0.16645	46.76	46.76	1.5	ANNUAL	SRCGP3	5	
594550.3	4130052	0.17768	46.7	46.7	1.5	ANNUAL	SRCGP3	5	
594570.3	4130052	0.19017	46.63	46.63	1.5	ANNUAL	SRCGP3	5	
594590.3	4130052	0.20406	46.57	46.57	1.5	ANNUAL	SRCGP3	5	
594790.3	4130052	0.52311	45.73	45.73	1.5	ANNUAL	SRCGP3	5	
594810.3	4130052	0.60791	45.52	45.52	1.5	ANNUAL	SRCGP3	5	
594830.3	4130052	0.72287	45.48	45.48	1.5	ANNUAL	SRCGP3	5	
594850.3	4130052	0.89071	45.38	45.38	1.5	ANNUAL	SRCGP3	5	
594870.3	4130052	1.14858	45.25	45.25	1.5	ANNUAL	SRCGP3	5	
594890.3	4130052	1.56347	45.25	45.25	1.5	ANNUAL	SRCGP3	5	
594910.3	4130052	2.30755	45.16	45.16	1.5	ANNUAL	SRCGP3	5	
594930.3	4130052	3.74028	44.98	44.98	1.5	ANNUAL	SRCGP3	5	
594950.3	4130052	6.23883	44.87	44.87	1.5	ANNUAL	SRCGP3	5	
594970.3	4130052	9.54945	44.77	44.77	1.5	ANNUAL	SRCGP3	5	
595010.3	4130052	14.85325	44.59	44.59	1.5	ANNUAL	SRCGP3	5	
595030.3	4130052	15.42525	44.46	44.46	1.5	ANNUAL	SRCGP3	5	
595050.3	4130052	14.84601	44.38	44.38	1.5	ANNUAL	SRCGP3	5	
595090.3	4130052	12.64485	44.21	44.21	1.5	ANNUAL	SRCGP3	5	
595150.3	4130052	9.67777	44.05	44.05	1.5	ANNUAL	SRCGP3	5	
595170.3	4130052	8.81078	44.02	44.02	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595210.3	4130052	7.1345	44.28	44.28	1.5	ANNUAL	SRCGP3	5	
595230.3	4130052	6.37739	43.96	43.96	1.5	ANNUAL	SRCGP3	5	
595250.3	4130052	5.64375	44.25	44.25	1.5	ANNUAL	SRCGP3	5	
595270.3	4130052	4.99008	44.2	44.2	1.5	ANNUAL	SRCGP3	5	
595430.3	4130052	1.92239	43.08	43.08	1.5	ANNUAL	SRCGP3	5	
595450.3	4130052	1.72641	43.26	43.26	1.5	ANNUAL	SRCGP3	5	
594490.3	4130072	0.16229	46.16	46.16	1.5	ANNUAL	SRCGP3	5	
594510.3	4130072	0.17264	46.59	46.59	1.5	ANNUAL	SRCGP3	5	
594550.3	4130072	0.19774	46.73	46.73	1.5	ANNUAL	SRCGP3	5	
594570.3	4130072	0.21332	46.28	46.28	1.5	ANNUAL	SRCGP3	5	
594790.3	4130072	0.65406	45.62	45.62	1.5	ANNUAL	SRCGP3	5	
594810.3	4130072	0.76981	45.65	45.65	1.5	ANNUAL	SRCGP3	5	
594830.3	4130072	0.93306	45.61	45.61	1.5	ANNUAL	SRCGP3	5	
594850.3	4130072	1.17622	45.54	45.54	1.5	ANNUAL	SRCGP3	5	
594870.3	4130072	1.56916	45.22	45.22	1.5	ANNUAL	SRCGP3	5	
594890.3	4130072	2.22238	45.09	45.09	1.5	ANNUAL	SRCGP3	5	
594910.3	4130072	3.48488	45.09	45.09	1.5	ANNUAL	SRCGP3	5	
594930.3	4130072	6.52535	45.01	45.01	1.5	ANNUAL	SRCGP3	5	
594950.3	4130072	11.83694	44.99	44.99	1.5	ANNUAL	SRCGP3	5	
594970.3	4130072	17.56465	44.64	44.64	1.5	ANNUAL	SRCGP3	5	
595010.3	4130072	22.40504	44.42	44.42	1.5	ANNUAL	SRCGP3	5	
595030.3	4130072	20.61272	44.35	44.35	1.5	ANNUAL	SRCGP3	5	
595050.3	4130072	18.23897	44.22	44.22	1.5	ANNUAL	SRCGP3	5	
595090.3	4130072	14.28253	44.17	44.17	1.5	ANNUAL	SRCGP3	5	
595110.3	4130072	12.84644	44.05	44.05	1.5	ANNUAL	SRCGP3	5	
595150.3	4130072	10.48265	43.99	43.99	1.5	ANNUAL	SRCGP3	5	
595210.3	4130072	7.33881	43.93	43.93	1.5	ANNUAL	SRCGP3	5	
595230.3	4130072	6.42125	43.75	43.75	1.5	ANNUAL	SRCGP3	5	
595250.3	4130072	5.57917	43.96	43.96	1.5	ANNUAL	SRCGP3	5	
595270.3	4130072	4.85046	43.88	43.88	1.5	ANNUAL	SRCGP3	5	
595430.3	4130072	1.75585	43.02	43.02	1.5	ANNUAL	SRCGP3	5	
595450.3	4130072	1.57564	43.1	43.1	1.5	ANNUAL	SRCGP3	5	
594510.3	4130092	0.19116	46.34	46.34	1.5	ANNUAL	SRCGP3	5	
594550.3	4130092	0.22106	46.5	46.5	1.5	ANNUAL	SRCGP3	5	
594570.3	4130092	0.23954	46.22	46.22	1.5	ANNUAL	SRCGP3	5	
595010.3	4130092	29.48613	44.23	44.23	1.5	ANNUAL	SRCGP3	5	
595030.3	4130092	24.52327	44.22	44.22	1.5	ANNUAL	SRCGP3	5	
595050.3	4130092	20.6478	44.04	44.04	1.5	ANNUAL	SRCGP3	5	
595090.3	4130092	15.67249	44.03	44.03	1.5	ANNUAL	SRCGP3	5	
595110.3	4130092	14.05084	43.96	43.96	1.5	ANNUAL	SRCGP3	5	
595150.3	4130092	11.26101	43.8	43.8	1.5	ANNUAL	SRCGP3	5	
595170.3	4130092	9.88609	43.76	43.76	1.5	ANNUAL	SRCGP3	5	
595190.3	4130092	8.54755	43.9	43.9	1.5	ANNUAL	SRCGP3	5	
595210.3	4130092	7.33217	43.88	43.88	1.5	ANNUAL	SRCGP3	5	
595230.3	4130092	6.25899	43.86	43.86	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595250.3	4130092	5.34062	43.77	43.77	1.5	ANNUAL	SRCGP3	5	
595430.3	4130092	1.58153	42.96	42.96	1.5	ANNUAL	SRCGP3	5	
595450.3	4130092	1.41991	43.04	43.04	1.5	ANNUAL	SRCGP3	5	
594510.3	4130112	0.21204	46.21	46.21	1.5	ANNUAL	SRCGP3	5	
594530.3	4130112	0.22864	46.37	46.37	1.5	ANNUAL	SRCGP3	5	
594550.3	4130112	0.24782	46.31	46.31	1.5	ANNUAL	SRCGP3	5	
594570.3	4130112	0.27007	46.07	46.07	1.5	ANNUAL	SRCGP3	5	
595010.3	4130112	32.59532	44.14	44.14	1.5	ANNUAL	SRCGP3	5	
595030.3	4130112	26.45456	44.04	44.04	1.5	ANNUAL	SRCGP3	5	
595050.3	4130112	22.12219	43.97	43.97	1.5	ANNUAL	SRCGP3	5	
595090.3	4130112	17.175	43.94	43.94	1.5	ANNUAL	SRCGP3	5	
595110.3	4130112	15.50498	43.79	43.79	1.5	ANNUAL	SRCGP3	5	
595130.3	4130112	13.83095	43.56	43.56	1.5	ANNUAL	SRCGP3	5	
595150.3	4130112	12.00113	43.53	43.53	1.5	ANNUAL	SRCGP3	5	
595170.3	4130112	10.16949	43.59	43.59	1.5	ANNUAL	SRCGP3	5	
595190.3	4130112	8.47783	43.9	43.9	1.5	ANNUAL	SRCGP3	5	
595210.3	4130112	7.0512	43.88	43.88	1.5	ANNUAL	SRCGP3	5	
595230.3	4130112	5.87635	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595250.3	4130112	4.91343	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595430.3	4130112	1.40729	42.89	42.89	1.5	ANNUAL	SRCGP3	5	
595450.3	4130112	1.26721	42.89	42.89	1.5	ANNUAL	SRCGP3	5	
594510.3	4130132	0.2361	45.89	45.89	1.5	ANNUAL	SRCGP3	5	
594530.3	4130132	0.25614	45.93	45.93	1.5	ANNUAL	SRCGP3	5	
594550.3	4130132	0.27898	46	46	1.5	ANNUAL	SRCGP3	5	
594570.3	4130132	0.30573	45.87	45.87	1.5	ANNUAL	SRCGP3	5	
595010.3	4130132	33.70767	44.01	44.01	1.5	ANNUAL	SRCGP3	5	
595030.3	4130132	27.52907	44.04	44.04	1.5	ANNUAL	SRCGP3	5	
595050.3	4130132	23.76786	43.89	43.89	1.5	ANNUAL	SRCGP3	5	
595090.3	4130132	19.51892	43.83	43.83	1.5	ANNUAL	SRCGP3	5	
595110.3	4130132	17.57928	43.61	43.61	1.5	ANNUAL	SRCGP3	5	
595130.3	4130132	15.12827	43.39	43.39	1.5	ANNUAL	SRCGP3	5	
595150.3	4130132	12.44183	43.41	43.41	1.5	ANNUAL	SRCGP3	5	
595170.3	4130132	9.99263	43.62	43.62	1.5	ANNUAL	SRCGP3	5	
595190.3	4130132	7.9953	43.74	43.74	1.5	ANNUAL	SRCGP3	5	
595210.3	4130132	6.43798	43.76	43.76	1.5	ANNUAL	SRCGP3	5	
595230.3	4130132	5.23899	43.77	43.77	1.5	ANNUAL	SRCGP3	5	
595250.3	4130132	4.31877	43.74	43.74	1.5	ANNUAL	SRCGP3	5	
595430.3	4130132	1.24072	42.69	42.69	1.5	ANNUAL	SRCGP3	5	
595450.3	4130132	1.1217	42.8	42.8	1.5	ANNUAL	SRCGP3	5	
595010.3	4130152	34.23859	43.85	43.85	1.5	ANNUAL	SRCGP3	5	
595030.3	4130152	29.75976	43.77	43.77	1.5	ANNUAL	SRCGP3	5	
595050.3	4130152	27.2226	43.73	43.73	1.5	ANNUAL	SRCGP3	5	
595090.3	4130152	23.47557	43.71	43.71	1.5	ANNUAL	SRCGP3	5	
595110.3	4130152	20.11832	43.6	43.6	1.5	ANNUAL	SRCGP3	5	
595130.3	4130152	15.85626	43.32	43.32	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.3	4130152	12.01789	43.24	43.24	1.5	ANNUAL	SRCGP3	5	
595170.3	4130152	9.08068	43.5	43.5	1.5	ANNUAL	SRCGP3	5	
595190.3	4130152	7.00303	43.44	43.44	1.5	ANNUAL	SRCGP3	5	
595210.3	4130152	5.51965	43.35	43.35	1.5	ANNUAL	SRCGP3	5	
595230.3	4130152	4.42909	43.56	43.56	1.5	ANNUAL	SRCGP3	5	
595250.3	4130152	3.63348	43.57	43.57	1.5	ANNUAL	SRCGP3	5	
595430.3	4130152	1.08745	42.6	42.6	1.5	ANNUAL	SRCGP3	5	
595450.3	4130152	0.98834	42.66	42.66	1.5	ANNUAL	SRCGP3	5	
594490.3	4130352	0.63095	45.24	45.24	1.5	ANNUAL	SRCGP3	5	
594510.3	4130352	0.70402	44.82	44.82	1.5	ANNUAL	SRCGP3	5	
594530.3	4130352	0.78797	44.4	44.4	1.5	ANNUAL	SRCGP3	5	
594550.3	4130352	0.88349	44.19	44.19	1.5	ANNUAL	SRCGP3	5	
594570.3	4130352	0.99428	43.75	43.75	1.5	ANNUAL	SRCGP3	5	
594490.3	4130372	0.66699	44.82	44.82	1.5	ANNUAL	SRCGP3	5	
594510.3	4130372	0.74158	44.21	44.21	1.5	ANNUAL	SRCGP3	5	
594530.3	4130372	0.82551	43.77	43.77	1.5	ANNUAL	SRCGP3	5	
594550.3	4130372	0.91926	43.63	43.63	1.5	ANNUAL	SRCGP3	5	
594570.3	4130372	1.02501	43.47	43.47	1.5	ANNUAL	SRCGP3	5	
594470.3	4130392	0.63395	43.76	43.76	1.5	ANNUAL	SRCGP3	5	
594490.3	4130392	0.69747	43.97	43.97	1.5	ANNUAL	SRCGP3	5	
594550.3	4130392	0.9406	43.23	43.23	1.5	ANNUAL	SRCGP3	5	
594570.3	4130392	1.03881	43.27	43.27	1.5	ANNUAL	SRCGP3	5	
594470.3	4130412	0.65672	43.34	43.34	1.5	ANNUAL	SRCGP3	5	
594490.3	4130412	0.71892	43.48	43.48	1.5	ANNUAL	SRCGP3	5	
594530.3	4130412	0.8651	42.96	42.96	1.5	ANNUAL	SRCGP3	5	
594550.3	4130412	0.94743	43.07	43.07	1.5	ANNUAL	SRCGP3	5	
594570.3	4130412	1.03656	43.15	43.15	1.5	ANNUAL	SRCGP3	5	
594470.3	4130432	0.67173	43.29	43.29	1.5	ANNUAL	SRCGP3	5	
594490.3	4130432	0.73112	43.36	43.36	1.5	ANNUAL	SRCGP3	5	
594530.3	4130432	0.86643	43.06	43.06	1.5	ANNUAL	SRCGP3	5	
594550.3	4130432	0.94141	42.99	42.99	1.5	ANNUAL	SRCGP3	5	
595474.5	4130151	0.88961	42.33	42.33	1.5	ANNUAL	SRCGP3	5	
595514.5	4130151	0.75256	42.17	42.17	1.5	ANNUAL	SRCGP3	5	
595534.5	4130151	0.69603	42.05	42.05	1.5	ANNUAL	SRCGP3	5	
595554.5	4130151	0.64617	42.01	42.01	1.5	ANNUAL	SRCGP3	5	
595594.5	4130151	0.56199	41.92	41.92	1.5	ANNUAL	SRCGP3	5	
595614.5	4130151	0.52653	41.99	41.99	1.5	ANNUAL	SRCGP3	5	
595634.5	4130151	0.49445	42.03	42.03	1.5	ANNUAL	SRCGP3	5	
595674.5	4130151	0.43845	41.79	41.79	1.5	ANNUAL	SRCGP3	5	
595694.5	4130151	0.41446	41.86	41.86	1.5	ANNUAL	SRCGP3	5	
595714.5	4130151	0.39233	41.8	41.8	1.5	ANNUAL	SRCGP3	5	
595734.5	4130151	0.37195	41.67	41.67	1.5	ANNUAL	SRCGP3	5	
595774.5	4130151	0.33605	41.48	41.48	1.5	ANNUAL	SRCGP3	5	
595794.5	4130151	0.32015	41.39	41.39	1.5	ANNUAL	SRCGP3	5	
595434.5	4130171	0.93625	42.27	42.27	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595454.5	4130171	0.85616	42.13	42.13	1.5	ANNUAL	SRCGP3	5	
595474.5	4130171	0.78664	42.04	42.04	1.5	ANNUAL	SRCGP3	5	
595514.5	4130171	0.67152	41.74	41.74	1.5	ANNUAL	SRCGP3	5	
595534.5	4130171	0.62406	41.7	41.7	1.5	ANNUAL	SRCGP3	5	
595554.5	4130171	0.58171	41.64	41.64	1.5	ANNUAL	SRCGP3	5	
595594.5	4130171	0.51001	41.67	41.67	1.5	ANNUAL	SRCGP3	5	
595614.5	4130171	0.4792	41.62	41.62	1.5	ANNUAL	SRCGP3	5	
595634.5	4130171	0.45133	41.6	41.6	1.5	ANNUAL	SRCGP3	5	
595674.5	4130171	0.40264	41.44	41.44	1.5	ANNUAL	SRCGP3	5	
595694.5	4130171	0.3815	41.43	41.43	1.5	ANNUAL	SRCGP3	5	
595714.5	4130171	0.36212	41.43	41.43	1.5	ANNUAL	SRCGP3	5	
595734.5	4130171	0.34402	41.25	41.25	1.5	ANNUAL	SRCGP3	5	
595774.5	4130171	0.31239	41.25	41.25	1.5	ANNUAL	SRCGP3	5	
595794.5	4130171	0.29824	41.19	41.19	1.5	ANNUAL	SRCGP3	5	
595434.5	4130211	0.7221	42.45	42.45	1.5	ANNUAL	SRCGP3	5	
595474.5	4130211	0.62056	42.11	42.11	1.5	ANNUAL	SRCGP3	5	
595494.5	4130211	0.57892	42.24	42.24	1.5	ANNUAL	SRCGP3	5	
595514.5	4130211	0.54082	42.06	42.06	1.5	ANNUAL	SRCGP3	5	
595534.5	4130211	0.50674	41.95	41.95	1.5	ANNUAL	SRCGP3	5	
595574.5	4130211	0.44764	41.51	41.51	1.5	ANNUAL	SRCGP3	5	
595594.5	4130211	0.42318	41.82	41.82	1.5	ANNUAL	SRCGP3	5	
595614.5	4130211	0.39996	41.66	41.66	1.5	ANNUAL	SRCGP3	5	
595634.5	4130211	0.37899	41.66	41.66	1.5	ANNUAL	SRCGP3	5	
595654.5	4130211	0.35976	41.67	41.67	1.5	ANNUAL	SRCGP3	5	
595674.5	4130211	0.34209	41.71	41.71	1.5	ANNUAL	SRCGP3	5	
595694.5	4130211	0.32555	41.56	41.56	1.5	ANNUAL	SRCGP3	5	
595714.5	4130211	0.31041	41.52	41.52	1.5	ANNUAL	SRCGP3	5	
595734.5	4130211	0.29637	41.47	41.47	1.5	ANNUAL	SRCGP3	5	
595774.5	4130211	0.27096	41.13	41.13	1.5	ANNUAL	SRCGP3	5	
595794.5	4130211	0.25958	40.99	40.99	1.5	ANNUAL	SRCGP3	5	
595434.5	4130231	0.63876	42.42	42.42	1.5	ANNUAL	SRCGP3	5	
595474.5	4130231	0.55429	41.98	41.98	1.5	ANNUAL	SRCGP3	5	
595494.5	4130231	0.51938	42.09	42.09	1.5	ANNUAL	SRCGP3	5	
595514.5	4130231	0.48727	41.94	41.94	1.5	ANNUAL	SRCGP3	5	
595534.5	4130231	0.4584	41.87	41.87	1.5	ANNUAL	SRCGP3	5	
595574.5	4130231	0.40772	41.43	41.43	1.5	ANNUAL	SRCGP3	5	
595594.5	4130231	0.38655	41.69	41.69	1.5	ANNUAL	SRCGP3	5	
595614.5	4130231	0.3665	41.59	41.59	1.5	ANNUAL	SRCGP3	5	
595634.5	4130231	0.34829	41.63	41.63	1.5	ANNUAL	SRCGP3	5	
595654.5	4130231	0.33139	41.58	41.58	1.5	ANNUAL	SRCGP3	5	
595674.5	4130231	0.31581	41.55	41.55	1.5	ANNUAL	SRCGP3	5	
595694.5	4130231	0.30135	41.5	41.5	1.5	ANNUAL	SRCGP3	5	
595714.5	4130231	0.2878	41.33	41.33	1.5	ANNUAL	SRCGP3	5	
595734.5	4130231	0.27524	41.19	41.19	1.5	ANNUAL	SRCGP3	5	
595774.5	4130231	0.25278	41.05	41.05	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.5	4130231	0.2426	40.93	40.93	1.5	ANNUAL	SRCGP3	5	
595434.5	4130251	0.56907	42.32	42.32	1.5	ANNUAL	SRCGP3	5	
595474.5	4130251	0.49787	41.76	41.76	1.5	ANNUAL	SRCGP3	5	
595494.5	4130251	0.46836	41.87	41.87	1.5	ANNUAL	SRCGP3	5	
595514.5	4130251	0.44135	41.88	41.88	1.5	ANNUAL	SRCGP3	5	
595534.5	4130251	0.41631	41.66	41.66	1.5	ANNUAL	SRCGP3	5	
595574.5	4130251	0.37286	41.38	41.38	1.5	ANNUAL	SRCGP3	5	
595594.5	4130251	0.35444	41.62	41.62	1.5	ANNUAL	SRCGP3	5	
595614.5	4130251	0.33709	41.63	41.63	1.5	ANNUAL	SRCGP3	5	
595634.5	4130251	0.32094	41.53	41.53	1.5	ANNUAL	SRCGP3	5	
595654.5	4130251	0.30609	41.51	41.51	1.5	ANNUAL	SRCGP3	5	
595674.5	4130251	0.29227	41.44	41.44	1.5	ANNUAL	SRCGP3	5	
595694.5	4130251	0.27944	41.36	41.36	1.5	ANNUAL	SRCGP3	5	
595714.5	4130251	0.26756	41.33	41.33	1.5	ANNUAL	SRCGP3	5	
595734.5	4130251	0.25638	41.2	41.2	1.5	ANNUAL	SRCGP3	5	
595774.5	4130251	0.23629	41.06	41.06	1.5	ANNUAL	SRCGP3	5	
595794.5	4130251	0.22702	40.81	40.81	1.5	ANNUAL	SRCGP3	5	
595474.5	4130271	0.45065	41.63	41.63	1.5	ANNUAL	SRCGP3	5	
595494.5	4130271	0.42521	41.68	41.68	1.5	ANNUAL	SRCGP3	5	
595514.5	4130271	0.40182	41.64	41.64	1.5	ANNUAL	SRCGP3	5	
595534.5	4130271	0.38048	41.62	41.62	1.5	ANNUAL	SRCGP3	5	
595574.5	4130271	0.34244	41.26	41.26	1.5	ANNUAL	SRCGP3	5	
595594.5	4130271	0.32636	41.54	41.54	1.5	ANNUAL	SRCGP3	5	
595614.5	4130271	0.31084	41.36	41.36	1.5	ANNUAL	SRCGP3	5	
595774.5	4130271	0.22128	40.98	40.98	1.5	ANNUAL	SRCGP3	5	
595794.5	4130271	0.21301	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
595474.5	4130291	0.41075	41.37	41.37	1.5	ANNUAL	SRCGP3	5	
595494.5	4130291	0.38871	41.47	41.47	1.5	ANNUAL	SRCGP3	5	
595514.5	4130291	0.36806	41.31	41.31	1.5	ANNUAL	SRCGP3	5	
595534.5	4130291	0.34912	41.15	41.15	1.5	ANNUAL	SRCGP3	5	
595574.5	4130291	0.3162	41.18	41.18	1.5	ANNUAL	SRCGP3	5	
595594.5	4130291	0.30195	41.46	41.46	1.5	ANNUAL	SRCGP3	5	
595614.5	4130291	0.28813	41.26	41.26	1.5	ANNUAL	SRCGP3	5	
595654.5	4130291	0.26391	41.34	41.34	1.5	ANNUAL	SRCGP3	5	
595674.5	4130291	0.25292	41.27	41.27	1.5	ANNUAL	SRCGP3	5	
595694.5	4130291	0.24277	41.31	41.31	1.5	ANNUAL	SRCGP3	5	
595714.5	4130291	0.23311	41.17	41.17	1.5	ANNUAL	SRCGP3	5	
595734.5	4130291	0.22413	41.1	41.1	1.5	ANNUAL	SRCGP3	5	
595774.5	4130291	0.20769	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
595794.5	4130291	0.20013	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
595474.5	4130311	0.37761	41.31	41.31	1.5	ANNUAL	SRCGP3	5	
595494.5	4130311	0.35806	41.36	41.36	1.5	ANNUAL	SRCGP3	5	
595514.5	4130311	0.33991	41.29	41.29	1.5	ANNUAL	SRCGP3	5	
595534.5	4130311	0.32326	41.26	41.26	1.5	ANNUAL	SRCGP3	5	
595574.5	4130311	0.29341	40.98	40.98	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.5	4130311	0.28067	41.26	41.26	1.5	ANNUAL	SRCGP3	5	
595614.5	4130311	0.26838	41.17	41.17	1.5	ANNUAL	SRCGP3	5	
595654.5	4130311	0.24648	41.15	41.15	1.5	ANNUAL	SRCGP3	5	
595674.5	4130311	0.23661	41.14	41.14	1.5	ANNUAL	SRCGP3	5	
595694.5	4130311	0.22747	41.23	41.23	1.5	ANNUAL	SRCGP3	5	
595714.5	4130311	0.21872	41.11	41.11	1.5	ANNUAL	SRCGP3	5	
595734.5	4130311	0.21048	40.94	40.94	1.5	ANNUAL	SRCGP3	5	
595774.5	4130311	0.19557	40.74	40.74	1.5	ANNUAL	SRCGP3	5	
595794.5	4130311	0.18874	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
595474.5	4130331	0.34927	41.06	41.06	1.5	ANNUAL	SRCGP3	5	
595494.5	4130331	0.33186	41.13	41.13	1.5	ANNUAL	SRCGP3	5	
595514.5	4130331	0.31558	41.05	41.05	1.5	ANNUAL	SRCGP3	5	
595534.5	4130331	0.30055	40.96	40.96	1.5	ANNUAL	SRCGP3	5	
595574.5	4130331	0.274	40.96	40.96	1.5	ANNUAL	SRCGP3	5	
595594.5	4130331	0.26242	41.2	41.2	1.5	ANNUAL	SRCGP3	5	
595614.5	4130331	0.25123	41.07	41.07	1.5	ANNUAL	SRCGP3	5	
595654.5	4130331	0.23123	40.97	40.97	1.5	ANNUAL	SRCGP3	5	
595674.5	4130331	0.22227	40.99	40.99	1.5	ANNUAL	SRCGP3	5	
595694.5	4130331	0.21405	41.23	41.23	1.5	ANNUAL	SRCGP3	5	
595714.5	4130331	0.20601	41.05	41.05	1.5	ANNUAL	SRCGP3	5	
595734.5	4130331	0.19848	40.91	40.91	1.5	ANNUAL	SRCGP3	5	
595774.5	4130331	0.18475	40.66	40.66	1.5	ANNUAL	SRCGP3	5	
595794.5	4130331	0.1785	40.6	40.6	1.5	ANNUAL	SRCGP3	5	
595414.5	4130351	0.38153	41.2	41.2	1.5	ANNUAL	SRCGP3	5	
595434.5	4130351	0.36134	41.19	41.19	1.5	ANNUAL	SRCGP3	5	
595474.5	4130351	0.32548	41.08	41.08	1.5	ANNUAL	SRCGP3	5	
595494.5	4130351	0.30978	41.14	41.14	1.5	ANNUAL	SRCGP3	5	
595514.5	4130351	0.29496	40.98	40.98	1.5	ANNUAL	SRCGP3	5	
595534.5	4130351	0.28144	40.97	40.97	1.5	ANNUAL	SRCGP3	5	
595574.5	4130351	0.25711	40.83	40.83	1.5	ANNUAL	SRCGP3	5	
595594.5	4130351	0.24656	41.1	41.1	1.5	ANNUAL	SRCGP3	5	
595614.5	4130351	0.23632	40.97	40.97	1.5	ANNUAL	SRCGP3	5	
595694.5	4130351	0.20215	41.09	41.09	1.5	ANNUAL	SRCGP3	5	
595714.5	4130351	0.1948	41	41	1.5	ANNUAL	SRCGP3	5	
595734.5	4130351	0.18779	40.77	40.77	1.5	ANNUAL	SRCGP3	5	
595774.5	4130351	0.17526	40.76	40.76	1.5	ANNUAL	SRCGP3	5	
595794.5	4130351	0.16931	40.43	40.43	1.5	ANNUAL	SRCGP3	5	
595414.5	4130371	0.35441	41	41	1.5	ANNUAL	SRCGP3	5	
595434.5	4130371	0.33658	41.02	41.02	1.5	ANNUAL	SRCGP3	5	
595474.5	4130371	0.30441	40.85	40.85	1.5	ANNUAL	SRCGP3	5	
595494.5	4130371	0.29028	40.93	40.93	1.5	ANNUAL	SRCGP3	5	
595514.5	4130371	0.27691	40.82	40.82	1.5	ANNUAL	SRCGP3	5	
595534.5	4130371	0.26452	40.74	40.74	1.5	ANNUAL	SRCGP3	5	
595574.5	4130371	0.24242	40.73	40.73	1.5	ANNUAL	SRCGP3	5	
595594.5	4130371	0.23267	40.93	40.93	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595614.5	4130371	0.22324	40.79	40.79	1.5	ANNUAL	SRCGP3	5	
595654.5	4130371	0.2065	40.92	40.92	1.5	ANNUAL	SRCGP3	5	
595674.5	4130371	0.1988	40.87	40.87	1.5	ANNUAL	SRCGP3	5	
595694.5	4130371	0.19167	40.94	40.94	1.5	ANNUAL	SRCGP3	5	
595714.5	4130371	0.18488	40.9	40.9	1.5	ANNUAL	SRCGP3	5	
595734.5	4130371	0.17841	40.73	40.73	1.5	ANNUAL	SRCGP3	5	
595774.5	4130371	0.16668	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
595794.5	4130371	0.1612	40.41	40.41	1.5	ANNUAL	SRCGP3	5	
595414.5	4130391	0.33056	41.01	41.01	1.5	ANNUAL	SRCGP3	5	
595434.5	4130391	0.3146	40.91	40.91	1.5	ANNUAL	SRCGP3	5	
595474.5	4130391	0.28597	40.81	40.81	1.5	ANNUAL	SRCGP3	5	
595494.5	4130391	0.27315	40.83	40.83	1.5	ANNUAL	SRCGP3	5	
595514.5	4130391	0.26101	40.71	40.71	1.5	ANNUAL	SRCGP3	5	
595534.5	4130391	0.24969	40.6	40.6	1.5	ANNUAL	SRCGP3	5	
595614.5	4130391	0.21178	40.69	40.69	1.5	ANNUAL	SRCGP3	5	
595654.5	4130391	0.19627	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
595674.5	4130391	0.18918	40.89	40.89	1.5	ANNUAL	SRCGP3	5	
595694.5	4130391	0.18245	40.85	40.85	1.5	ANNUAL	SRCGP3	5	
595714.5	4130391	0.1761	40.78	40.78	1.5	ANNUAL	SRCGP3	5	
595734.5	4130391	0.17009	40.69	40.69	1.5	ANNUAL	SRCGP3	5	
595774.5	4130391	0.15912	40.6	40.6	1.5	ANNUAL	SRCGP3	5	
595794.5	4130391	0.15398	40.39	40.39	1.5	ANNUAL	SRCGP3	5	
595414.5	4130411	0.30839	40.72	40.72	1.5	ANNUAL	SRCGP3	5	
595434.5	4130411	0.2946	40.77	40.77	1.5	ANNUAL	SRCGP3	5	
595614.5	4130411	0.20158	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
595654.5	4130411	0.18711	40.69	40.69	1.5	ANNUAL	SRCGP3	5	
595674.5	4130411	0.18046	40.67	40.67	1.5	ANNUAL	SRCGP3	5	
595694.5	4130411	0.17421	40.68	40.68	1.5	ANNUAL	SRCGP3	5	
595714.5	4130411	0.16831	40.71	40.71	1.5	ANNUAL	SRCGP3	5	
595734.5	4130411	0.16269	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
595774.5	4130411	0.1523	40.4	40.4	1.5	ANNUAL	SRCGP3	5	
595794.5	4130411	0.14754	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
595414.5	4130431	0.28842	40.71	40.71	1.5	ANNUAL	SRCGP3	5	
595434.5	4130431	0.27618	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
595454.5	4130431	0.26438	40.4	40.4	1.5	ANNUAL	SRCGP3	5	
595474.5	4130431	0.25376	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
595494.5	4130431	0.24337	40.55	40.55	1.5	ANNUAL	SRCGP3	5	
595514.5	4130431	0.23363	40.57	40.57	1.5	ANNUAL	SRCGP3	5	
595614.5	4130431	0.19232	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
595774.5	4130431	0.14626	40.4	40.4	1.5	ANNUAL	SRCGP3	5	
595794.5	4130431	0.14177	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
595414.5	4130451	0.26988	40.69	40.69	1.5	ANNUAL	SRCGP3	5	
595434.5	4130451	0.25918	40.59	40.59	1.5	ANNUAL	SRCGP3	5	
595454.5	4130451	0.24881	40.36	40.36	1.5	ANNUAL	SRCGP3	5	
595474.5	4130451	0.23946	40.59	40.59	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595494.5	4130451	0.23036	40.67	40.67	1.5	ANNUAL	SRCGP3	5	
595514.5	4130451	0.2215	40.56	40.56	1.5	ANNUAL	SRCGP3	5	
595614.5	4130451	0.18385	40.53	40.53	1.5	ANNUAL	SRCGP3	5	
595634.5	4130451	0.17756	40.72	40.72	1.5	ANNUAL	SRCGP3	5	
595654.5	4130451	0.17136	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
595674.5	4130451	0.16562	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
595694.5	4130451	0.16007	40.45	40.45	1.5	ANNUAL	SRCGP3	5	
595714.5	4130451	0.15486	40.42	40.42	1.5	ANNUAL	SRCGP3	5	
595734.5	4130451	0.14997	40.5	40.5	1.5	ANNUAL	SRCGP3	5	
595774.5	4130451	0.14076	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595794.5	4130451	0.13654	40.33	40.33	1.5	ANNUAL	SRCGP3	5	
595414.5	4130471	0.25269	40.7	40.7	1.5	ANNUAL	SRCGP3	5	
595434.5	4130471	0.24339	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
595454.5	4130471	0.23421	40.3	40.3	1.5	ANNUAL	SRCGP3	5	
595474.5	4130471	0.22605	40.59	40.59	1.5	ANNUAL	SRCGP3	5	
595494.5	4130471	0.218	40.67	40.67	1.5	ANNUAL	SRCGP3	5	
595514.5	4130471	0.21017	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
595614.5	4130471	0.17589	40.44	40.44	1.5	ANNUAL	SRCGP3	5	
595634.5	4130471	0.17007	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
595654.5	4130471	0.16437	40.47	40.47	1.5	ANNUAL	SRCGP3	5	
595674.5	4130471	0.15903	40.5	40.5	1.5	ANNUAL	SRCGP3	5	
595694.5	4130471	0.15385	40.36	40.36	1.5	ANNUAL	SRCGP3	5	
595714.5	4130471	0.14893	40.23	40.23	1.5	ANNUAL	SRCGP3	5	
595734.5	4130471	0.14433	40.29	40.29	1.5	ANNUAL	SRCGP3	5	
595774.5	4130471	0.13572	40.25	40.25	1.5	ANNUAL	SRCGP3	5	
595794.5	4130471	0.13172	40.24	40.24	1.5	ANNUAL	SRCGP3	5	
595414.5	4130491	0.23666	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
595434.5	4130491	0.22859	40.59	40.59	1.5	ANNUAL	SRCGP3	5	
595454.5	4130491	0.22047	40.2	40.2	1.5	ANNUAL	SRCGP3	5	
595474.5	4130491	0.21327	40.42	40.42	1.5	ANNUAL	SRCGP3	5	
595494.5	4130491	0.20616	40.49	40.49	1.5	ANNUAL	SRCGP3	5	
595514.5	4130491	0.19937	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
595614.5	4130491	0.16832	40.26	40.26	1.5	ANNUAL	SRCGP3	5	
595634.5	4130491	0.16299	40.42	40.42	1.5	ANNUAL	SRCGP3	5	
595654.5	4130491	0.15777	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
595674.5	4130491	0.15279	40.31	40.31	1.5	ANNUAL	SRCGP3	5	
595694.5	4130491	0.14804	40.31	40.31	1.5	ANNUAL	SRCGP3	5	
595714.5	4130491	0.14344	40.15	40.15	1.5	ANNUAL	SRCGP3	5	
595734.5	4130491	0.13914	40.2	40.2	1.5	ANNUAL	SRCGP3	5	
594970.7	4130091	30.95072	44.35	44.35	1.5	ANNUAL	SRCGP3	5	
595473.2	4129914	2.04498	43.66	43.66	1.5	ANNUAL	SRCGP3	5	
595513.2	4129914	1.78028	43.35	43.35	1.5	ANNUAL	SRCGP3	5	
595533.2	4129914	1.65746	43.57	43.57	1.5	ANNUAL	SRCGP3	5	
595553.2	4129914	1.54368	43.62	43.62	1.5	ANNUAL	SRCGP3	5	
595573.2	4129914	1.43848	43.52	43.52	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4129914	1.2503	43.31	43.31	1.5	ANNUAL	SRCGP3	5	
595633.2	4129914	1.16623	43.31	43.31	1.5	ANNUAL	SRCGP3	5	
595673.2	4129914	1.01823	42.87	42.87	1.5	ANNUAL	SRCGP3	5	
595693.2	4129914	0.95205	43	43	1.5	ANNUAL	SRCGP3	5	
595713.2	4129914	0.89144	42.82	42.82	1.5	ANNUAL	SRCGP3	5	
595733.2	4129914	0.83544	42.74	42.74	1.5	ANNUAL	SRCGP3	5	
595773.2	4129914	0.73633	42.48	42.48	1.5	ANNUAL	SRCGP3	5	
595793.2	4129914	0.69242	42.39	42.39	1.5	ANNUAL	SRCGP3	5	
595473.2	4129934	2.03926	43.44	43.44	1.5	ANNUAL	SRCGP3	5	
595513.2	4129934	1.7536	43.2	43.2	1.5	ANNUAL	SRCGP3	5	
595533.2	4129934	1.6249	43.29	43.29	1.5	ANNUAL	SRCGP3	5	
595553.2	4129934	1.50611	43.38	43.38	1.5	ANNUAL	SRCGP3	5	
595573.2	4129934	1.39676	43.47	43.47	1.5	ANNUAL	SRCGP3	5	
595613.2	4129934	1.20627	43.12	43.12	1.5	ANNUAL	SRCGP3	5	
595633.2	4129934	1.12222	43.06	43.06	1.5	ANNUAL	SRCGP3	5	
595673.2	4129934	0.97469	42.78	42.78	1.5	ANNUAL	SRCGP3	5	
595693.2	4129934	0.90986	42.89	42.89	1.5	ANNUAL	SRCGP3	5	
595713.2	4129934	0.85051	42.81	42.81	1.5	ANNUAL	SRCGP3	5	
595733.2	4129934	0.79612	42.66	42.66	1.5	ANNUAL	SRCGP3	5	
595773.2	4129934	0.70042	42.47	42.47	1.5	ANNUAL	SRCGP3	5	
595793.2	4129934	0.65824	42.36	42.36	1.5	ANNUAL	SRCGP3	5	
595473.2	4129954	2.00878	43.17	43.17	1.5	ANNUAL	SRCGP3	5	
595513.2	4129954	1.70791	42.98	42.98	1.5	ANNUAL	SRCGP3	5	
595533.2	4129954	1.57508	43.09	43.09	1.5	ANNUAL	SRCGP3	5	
595553.2	4129954	1.45429	43.11	43.11	1.5	ANNUAL	SRCGP3	5	
595573.2	4129954	1.34422	43.13	43.13	1.5	ANNUAL	SRCGP3	5	
595613.2	4129954	1.15305	43.09	43.09	1.5	ANNUAL	SRCGP3	5	
595633.2	4129954	1.0703	43.03	43.03	1.5	ANNUAL	SRCGP3	5	
595673.2	4129954	0.92635	42.7	42.7	1.5	ANNUAL	SRCGP3	5	
595693.2	4129954	0.86367	42.8	42.8	1.5	ANNUAL	SRCGP3	5	
595713.2	4129954	0.80655	42.6	42.6	1.5	ANNUAL	SRCGP3	5	
595733.2	4129954	0.7544	42.55	42.55	1.5	ANNUAL	SRCGP3	5	
595773.2	4129954	0.66314	42.44	42.44	1.5	ANNUAL	SRCGP3	5	
595793.2	4129954	0.623	42.3	42.3	1.5	ANNUAL	SRCGP3	5	
595473.2	4129974	1.95187	43.09	43.09	1.5	ANNUAL	SRCGP3	5	
595513.2	4129974	1.64292	42.94	42.94	1.5	ANNUAL	SRCGP3	5	
595533.2	4129974	1.50964	42.94	42.94	1.5	ANNUAL	SRCGP3	5	
595553.2	4129974	1.38869	43.04	43.04	1.5	ANNUAL	SRCGP3	5	
595613.2	4129974	1.09319	42.97	42.97	1.5	ANNUAL	SRCGP3	5	
595633.2	4129974	1.01302	42.89	42.89	1.5	ANNUAL	SRCGP3	5	
595673.2	4129974	0.87456	42.59	42.59	1.5	ANNUAL	SRCGP3	5	
595693.2	4129974	0.81482	42.66	42.66	1.5	ANNUAL	SRCGP3	5	
595713.2	4129974	0.76057	42.58	42.58	1.5	ANNUAL	SRCGP3	5	
595733.2	4129974	0.71114	42.4	42.4	1.5	ANNUAL	SRCGP3	5	
595773.2	4129974	0.62479	42.19	42.19	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4129974	0.58747	42.3	42.3	1.5	ANNUAL	SRCGP3	5	
595473.2	4129994	1.87166	42.95	42.95	1.5	ANNUAL	SRCGP3	5	
595513.2	4129994	1.56151	42.86	42.86	1.5	ANNUAL	SRCGP3	5	
595533.2	4129994	1.43023	42.87	42.87	1.5	ANNUAL	SRCGP3	5	
595553.2	4129994	1.31264	42.91	42.91	1.5	ANNUAL	SRCGP3	5	
595613.2	4129994	1.02783	42.84	42.84	1.5	ANNUAL	SRCGP3	5	
595633.2	4129994	0.95147	42.84	42.84	1.5	ANNUAL	SRCGP3	5	
595673.2	4129994	0.82061	42.47	42.47	1.5	ANNUAL	SRCGP3	5	
595693.2	4129994	0.76447	42.65	42.65	1.5	ANNUAL	SRCGP3	5	
595713.2	4129994	0.71361	42.5	42.5	1.5	ANNUAL	SRCGP3	5	
595733.2	4129994	0.66728	42.33	42.33	1.5	ANNUAL	SRCGP3	5	
595773.2	4129994	0.58692	42.21	42.21	1.5	ANNUAL	SRCGP3	5	
595793.2	4129994	0.55203	42.2	42.2	1.5	ANNUAL	SRCGP3	5	
595473.2	4130014	1.76928	42.98	42.98	1.5	ANNUAL	SRCGP3	5	
595513.2	4130014	1.46683	42.75	42.75	1.5	ANNUAL	SRCGP3	5	
595533.2	4130014	1.3404	42.88	42.88	1.5	ANNUAL	SRCGP3	5	
595553.2	4130014	1.22809	42.87	42.87	1.5	ANNUAL	SRCGP3	5	
595593.2	4130014	1.03892	42.52	42.52	1.5	ANNUAL	SRCGP3	5	
595613.2	4130014	0.95914	42.71	42.71	1.5	ANNUAL	SRCGP3	5	
595633.2	4130014	0.88769	42.7	42.7	1.5	ANNUAL	SRCGP3	5	
595673.2	4130014	0.76571	42.38	42.38	1.5	ANNUAL	SRCGP3	5	
595693.2	4130014	0.71376	42.53	42.53	1.5	ANNUAL	SRCGP3	5	
595713.2	4130014	0.66663	42.41	42.41	1.5	ANNUAL	SRCGP3	5	
595733.2	4130014	0.62372	42.26	42.26	1.5	ANNUAL	SRCGP3	5	
595773.2	4130014	0.5496	42.18	42.18	1.5	ANNUAL	SRCGP3	5	
595793.2	4130014	0.51733	42.11	42.11	1.5	ANNUAL	SRCGP3	5	
595473.2	4130034	1.65063	42.9	42.9	1.5	ANNUAL	SRCGP3	5	
595513.2	4130034	1.36247	42.74	42.74	1.5	ANNUAL	SRCGP3	5	
595533.2	4130034	1.24357	42.76	42.76	1.5	ANNUAL	SRCGP3	5	
595553.2	4130034	1.13854	42.76	42.76	1.5	ANNUAL	SRCGP3	5	
595593.2	4130034	0.96284	42.44	42.44	1.5	ANNUAL	SRCGP3	5	
595613.2	4130034	0.88914	42.69	42.69	1.5	ANNUAL	SRCGP3	5	
595633.2	4130034	0.82336	42.61	42.61	1.5	ANNUAL	SRCGP3	5	
595673.2	4130034	0.71101	42.24	42.24	1.5	ANNUAL	SRCGP3	5	
595693.2	4130034	0.66369	42.43	42.43	1.5	ANNUAL	SRCGP3	5	
595713.2	4130034	0.62038	42.32	42.32	1.5	ANNUAL	SRCGP3	5	
595733.2	4130034	0.58118	42.22	42.22	1.5	ANNUAL	SRCGP3	5	
595773.2	4130034	0.51338	42.14	42.14	1.5	ANNUAL	SRCGP3	5	
595793.2	4130034	0.4838	42.03	42.03	1.5	ANNUAL	SRCGP3	5	
595473.2	4130054	1.52002	42.8	42.8	1.5	ANNUAL	SRCGP3	5	
595513.2	4130054	1.25257	42.61	42.61	1.5	ANNUAL	SRCGP3	5	
595533.2	4130054	1.14318	42.57	42.57	1.5	ANNUAL	SRCGP3	5	
595553.2	4130054	1.04694	42.62	42.62	1.5	ANNUAL	SRCGP3	5	
595593.2	4130054	0.88634	42.34	42.34	1.5	ANNUAL	SRCGP3	5	
595613.2	4130054	0.81967	42.59	42.59	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595633.2	4130054	0.75993	42.49	42.49	1.5	ANNUAL	SRCGP3	5	
595673.2	4130054	0.65785	42.16	42.16	1.5	ANNUAL	SRCGP3	5	
595693.2	4130054	0.61488	42.29	42.29	1.5	ANNUAL	SRCGP3	5	
595713.2	4130054	0.57569	42.22	42.22	1.5	ANNUAL	SRCGP3	5	
595733.2	4130054	0.5401	42.09	42.09	1.5	ANNUAL	SRCGP3	5	
595773.2	4130054	0.47881	42.19	42.19	1.5	ANNUAL	SRCGP3	5	
595793.2	4130054	0.45166	41.9	41.9	1.5	ANNUAL	SRCGP3	5	
595473.2	4130074	1.38335	42.7	42.7	1.5	ANNUAL	SRCGP3	5	
595513.2	4130074	1.14108	42.43	42.43	1.5	ANNUAL	SRCGP3	5	
595533.2	4130074	1.04257	42.53	42.53	1.5	ANNUAL	SRCGP3	5	
595553.2	4130074	0.95607	42.49	42.49	1.5	ANNUAL	SRCGP3	5	
595593.2	4130074	0.81156	42.2	42.2	1.5	ANNUAL	SRCGP3	5	
595613.2	4130074	0.752	42.35	42.35	1.5	ANNUAL	SRCGP3	5	
595633.2	4130074	0.69853	42.38	42.38	1.5	ANNUAL	SRCGP3	5	
595673.2	4130074	0.60679	42.03	42.03	1.5	ANNUAL	SRCGP3	5	
595693.2	4130074	0.56832	42.2	42.2	1.5	ANNUAL	SRCGP3	5	
595713.2	4130074	0.53318	42.18	42.18	1.5	ANNUAL	SRCGP3	5	
595733.2	4130074	0.50105	42.01	42.01	1.5	ANNUAL	SRCGP3	5	
595773.2	4130074	0.4456	41.96	41.96	1.5	ANNUAL	SRCGP3	5	
595793.2	4130074	0.42123	41.81	41.81	1.5	ANNUAL	SRCGP3	5	
595473.2	4130094	1.24629	42.58	42.58	1.5	ANNUAL	SRCGP3	5	
595513.2	4130094	1.03155	42.37	42.37	1.5	ANNUAL	SRCGP3	5	
595533.2	4130094	0.94461	42.4	42.4	1.5	ANNUAL	SRCGP3	5	
595553.2	4130094	0.86808	42.37	42.37	1.5	ANNUAL	SRCGP3	5	
595593.2	4130094	0.74041	42.17	42.17	1.5	ANNUAL	SRCGP3	5	
595613.2	4130094	0.68771	42.32	42.32	1.5	ANNUAL	SRCGP3	5	
595633.2	4130094	0.64027	42.33	42.33	1.5	ANNUAL	SRCGP3	5	
595673.2	4130094	0.55867	41.97	41.97	1.5	ANNUAL	SRCGP3	5	
595693.2	4130094	0.52437	42.11	42.11	1.5	ANNUAL	SRCGP3	5	
595713.2	4130094	0.493	42.1	42.1	1.5	ANNUAL	SRCGP3	5	
595733.2	4130094	0.46417	41.88	41.88	1.5	ANNUAL	SRCGP3	5	
595773.2	4130094	0.41442	41.82	41.82	1.5	ANNUAL	SRCGP3	5	
595793.2	4130094	0.39248	41.67	41.67	1.5	ANNUAL	SRCGP3	5	
595473.2	4130114	1.11379	42.56	42.56	1.5	ANNUAL	SRCGP3	5	
595513.2	4130114	0.9272	42.3	42.3	1.5	ANNUAL	SRCGP3	5	
595533.2	4130114	0.85143	42.26	42.26	1.5	ANNUAL	SRCGP3	5	
595553.2	4130114	0.78477	42.21	42.21	1.5	ANNUAL	SRCGP3	5	
595593.2	4130114	0.67333	42.02	42.02	1.5	ANNUAL	SRCGP3	5	
595613.2	4130114	0.62744	42.27	42.27	1.5	ANNUAL	SRCGP3	5	
595633.2	4130114	0.58545	42.14	42.14	1.5	ANNUAL	SRCGP3	5	
595673.2	4130114	0.51364	41.87	41.87	1.5	ANNUAL	SRCGP3	5	
595693.2	4130114	0.48326	41.98	41.98	1.5	ANNUAL	SRCGP3	5	
595713.2	4130114	0.45536	41.93	41.93	1.5	ANNUAL	SRCGP3	5	
595733.2	4130114	0.42976	41.76	41.76	1.5	ANNUAL	SRCGP3	5	
595773.2	4130114	0.38531	41.7	41.7	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4130114	0.36557	41.51	41.51	1.5	ANNUAL	SRCGP3	5	
595473.2	4130134	0.98964	42.41	42.41	1.5	ANNUAL	SRCGP3	5	
595513.2	4130134	0.83028	42.23	42.23	1.5	ANNUAL	SRCGP3	5	
595533.2	4130134	0.76526	42.17	42.17	1.5	ANNUAL	SRCGP3	5	
595553.2	4130134	0.70803	42.16	42.16	1.5	ANNUAL	SRCGP3	5	
595593.2	4130134	0.61168	42	42	1.5	ANNUAL	SRCGP3	5	
595613.2	4130134	0.57161	42.16	42.16	1.5	ANNUAL	SRCGP3	5	
595633.2	4130134	0.53512	42.11	42.11	1.5	ANNUAL	SRCGP3	5	
595673.2	4130134	0.47193	41.76	41.76	1.5	ANNUAL	SRCGP3	5	
595693.2	4130134	0.44528	41.95	41.95	1.5	ANNUAL	SRCGP3	5	
595713.2	4130134	0.42052	41.85	41.85	1.5	ANNUAL	SRCGP3	5	
595733.2	4130134	0.39779	41.68	41.68	1.5	ANNUAL	SRCGP3	5	
595773.2	4130134	0.3582	41.62	41.62	1.5	ANNUAL	SRCGP3	5	
595793.2	4130134	0.34053	41.43	41.43	1.5	ANNUAL	SRCGP3	5	
594298	4130502	0.37853	42.76	42.76	1.5	ANNUAL	SRCGP3	5	
594318	4130502	0.40481	42.79	42.79	1.5	ANNUAL	SRCGP3	5	
594338	4130502	0.43306	42.79	42.79	1.5	ANNUAL	SRCGP3	5	
594358	4130502	0.46336	42.61	42.61	1.5	ANNUAL	SRCGP3	5	
594378	4130502	0.49575	42.45	42.45	1.5	ANNUAL	SRCGP3	5	
594398	4130502	0.53023	42.44	42.44	1.5	ANNUAL	SRCGP3	5	
594418	4130502	0.56679	42.6	42.6	1.5	ANNUAL	SRCGP3	5	
594438	4130502	0.60498	42.24	42.24	1.5	ANNUAL	SRCGP3	5	
594458	4130502	0.64564	42.35	42.35	1.5	ANNUAL	SRCGP3	5	
594498	4130502	0.73126	42.37	42.37	1.5	ANNUAL	SRCGP3	5	
594518	4130502	0.77588	42.63	42.63	1.5	ANNUAL	SRCGP3	5	
594538	4130502	0.82081	42.53	42.53	1.5	ANNUAL	SRCGP3	5	
594298	4130522	0.38646	42.61	42.61	1.5	ANNUAL	SRCGP3	5	
594318	4130522	0.41193	42.51	42.51	1.5	ANNUAL	SRCGP3	5	
594338	4130522	0.43882	42.22	42.22	1.5	ANNUAL	SRCGP3	5	
594358	4130522	0.4679	42.44	42.44	1.5	ANNUAL	SRCGP3	5	
594378	4130522	0.49791	42.11	42.11	1.5	ANNUAL	SRCGP3	5	
594398	4130522	0.52988	42.04	42.04	1.5	ANNUAL	SRCGP3	5	
594418	4130522	0.56348	42.03	42.03	1.5	ANNUAL	SRCGP3	5	
594438	4130522	0.5984	41.99	41.99	1.5	ANNUAL	SRCGP3	5	
594458	4130522	0.63489	42.1	42.1	1.5	ANNUAL	SRCGP3	5	
594498	4130522	0.70985	42.08	42.08	1.5	ANNUAL	SRCGP3	5	
594518	4130522	0.74755	41.98	41.98	1.5	ANNUAL	SRCGP3	5	
594538	4130522	0.78606	42.22	42.22	1.5	ANNUAL	SRCGP3	5	
594298	4130542	0.39199	42.39	42.39	1.5	ANNUAL	SRCGP3	5	
594318	4130542	0.41631	42.35	42.35	1.5	ANNUAL	SRCGP3	5	
594358	4130542	0.46849	41.94	41.94	1.5	ANNUAL	SRCGP3	5	
594418	4130542	0.55644	41.79	41.79	1.5	ANNUAL	SRCGP3	5	
594438	4130542	0.58779	41.78	41.78	1.5	ANNUAL	SRCGP3	5	
594458	4130542	0.62033	41.99	41.99	1.5	ANNUAL	SRCGP3	5	
594498	4130542	0.68527	42	42	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594518	4130542	0.71674	41.79	41.79	1.5	ANNUAL	SRCGP3	5	
594538	4130542	0.74878	42.03	42.03	1.5	ANNUAL	SRCGP3	5	
594298	4130562	0.39494	42.12	42.12	1.5	ANNUAL	SRCGP3	5	
594318	4130562	0.41751	41.8	41.8	1.5	ANNUAL	SRCGP3	5	
594798	4130622	0.61821	40.79	40.79	1.5	ANNUAL	SRCGP3	5	
594818	4130622	0.61188	40.8	40.8	1.5	ANNUAL	SRCGP3	5	
594838	4130622	0.60304	40.83	40.83	1.5	ANNUAL	SRCGP3	5	
594858	4130622	0.59168	41.04	41.04	1.5	ANNUAL	SRCGP3	5	
594878	4130622	0.57598	41.03	41.03	1.5	ANNUAL	SRCGP3	5	
594898	4130622	0.55644	40.95	40.95	1.5	ANNUAL	SRCGP3	5	
594918	4130622	0.53313	40.75	40.75	1.5	ANNUAL	SRCGP3	5	
594938	4130622	0.50815	40.91	40.91	1.5	ANNUAL	SRCGP3	5	
594958	4130622	0.48095	41.06	41.06	1.5	ANNUAL	SRCGP3	5	
594978	4130622	0.45148	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
594998	4130622	0.4224	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
595018	4130622	0.39382	40.76	40.76	1.5	ANNUAL	SRCGP3	5	
595038	4130622	0.36722	40.9	40.9	1.5	ANNUAL	SRCGP3	5	
595058	4130622	0.34241	40.93	40.93	1.5	ANNUAL	SRCGP3	5	
595078	4130622	0.31982	40.84	40.84	1.5	ANNUAL	SRCGP3	5	
595118	4130622	0.28217	40.61	40.61	1.5	ANNUAL	SRCGP3	5	
595138	4130622	0.26688	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
595158	4130622	0.25353	40.48	40.48	1.5	ANNUAL	SRCGP3	5	
595198	4130622	0.23116	40.38	40.38	1.5	ANNUAL	SRCGP3	5	
595218	4130622	0.22142	40.2	40.2	1.5	ANNUAL	SRCGP3	5	
595238	4130622	0.21274	40.28	40.28	1.5	ANNUAL	SRCGP3	5	
595578	4130622	0.13156	39.46	39.46	1.5	ANNUAL	SRCGP3	5	
595598	4130622	0.1287	39.52	39.52	1.5	ANNUAL	SRCGP3	5	
595618	4130622	0.12585	39.49	39.49	1.5	ANNUAL	SRCGP3	5	
595638	4130622	0.12304	39.43	39.43	1.5	ANNUAL	SRCGP3	5	
595658	4130622	0.12032	39.48	39.48	1.5	ANNUAL	SRCGP3	5	
595678	4130622	0.11762	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
595778	4130622	0.10494	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
594758	4130642	0.57375	40.38	40.38	1.5	ANNUAL	SRCGP3	5	
594778	4130642	0.57155	40.61	40.61	1.5	ANNUAL	SRCGP3	5	
594798	4130642	0.56722	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
594818	4130642	0.56122	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
594838	4130642	0.5528	40.56	40.56	1.5	ANNUAL	SRCGP3	5	
594858	4130642	0.54204	40.68	40.68	1.5	ANNUAL	SRCGP3	5	
594878	4130642	0.5277	40.67	40.67	1.5	ANNUAL	SRCGP3	5	
594898	4130642	0.51028	40.69	40.69	1.5	ANNUAL	SRCGP3	5	
594918	4130642	0.48931	40.52	40.52	1.5	ANNUAL	SRCGP3	5	
594938	4130642	0.46716	40.8	40.8	1.5	ANNUAL	SRCGP3	5	
594958	4130642	0.44236	40.82	40.82	1.5	ANNUAL	SRCGP3	5	
594978	4130642	0.41632	40.77	40.77	1.5	ANNUAL	SRCGP3	5	
594998	4130642	0.38999	40.68	40.68	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595018	4130642	0.36425	40.57	40.57	1.5	ANNUAL	SRCGP3	5	
595038	4130642	0.34051	40.79	40.79	1.5	ANNUAL	SRCGP3	5	
595058	4130642	0.31809	40.77	40.77	1.5	ANNUAL	SRCGP3	5	
595078	4130642	0.29766	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
595118	4130642	0.26372	40.47	40.47	1.5	ANNUAL	SRCGP3	5	
595138	4130642	0.24991	40.42	40.42	1.5	ANNUAL	SRCGP3	5	
595158	4130642	0.23786	40.41	40.41	1.5	ANNUAL	SRCGP3	5	
595198	4130642	0.21749	40.25	40.25	1.5	ANNUAL	SRCGP3	5	
595218	4130642	0.20862	40.07	40.07	1.5	ANNUAL	SRCGP3	5	
595238	4130642	0.20049	39.92	39.92	1.5	ANNUAL	SRCGP3	5	
595278	4130642	0.18608	39.83	39.83	1.5	ANNUAL	SRCGP3	5	
595298	4130642	0.17979	40.01	40.01	1.5	ANNUAL	SRCGP3	5	
595318	4130642	0.17384	40.05	40.05	1.5	ANNUAL	SRCGP3	5	
595338	4130642	0.16815	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
595378	4130642	0.15827	39.67	39.67	1.5	ANNUAL	SRCGP3	5	
595398	4130642	0.15398	39.65	39.65	1.5	ANNUAL	SRCGP3	5	
595418	4130642	0.14995	39.52	39.52	1.5	ANNUAL	SRCGP3	5	
595438	4130642	0.14626	39.45	39.45	1.5	ANNUAL	SRCGP3	5	
595478	4130642	0.13977	39.63	39.63	1.5	ANNUAL	SRCGP3	5	
595498	4130642	0.13664	39.45	39.45	1.5	ANNUAL	SRCGP3	5	
595518	4130642	0.13374	39.44	39.44	1.5	ANNUAL	SRCGP3	5	
595538	4130642	0.13101	39.56	39.56	1.5	ANNUAL	SRCGP3	5	
595578	4130642	0.12547	39.18	39.18	1.5	ANNUAL	SRCGP3	5	
595598	4130642	0.12288	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595618	4130642	0.12032	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
595638	4130642	0.11783	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595658	4130642	0.11537	39.18	39.18	1.5	ANNUAL	SRCGP3	5	
595678	4130642	0.11295	39.21	39.21	1.5	ANNUAL	SRCGP3	5	
595718	4130642	0.1082	39.19	39.19	1.5	ANNUAL	SRCGP3	5	
595738	4130642	0.1059	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
595758	4130642	0.10355	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595778	4130642	0.10129	38.99	38.99	1.5	ANNUAL	SRCGP3	5	
594538	4130662	0.52556	40.75	40.75	1.5	ANNUAL	SRCGP3	5	
594558	4130662	0.53079	40.57	40.57	1.5	ANNUAL	SRCGP3	5	
594578	4130662	0.53539	40.72	40.72	1.5	ANNUAL	SRCGP3	5	
594598	4130662	0.53782	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
594618	4130662	0.53884	40.51	40.51	1.5	ANNUAL	SRCGP3	5	
594718	4130662	0.53349	40.36	40.36	1.5	ANNUAL	SRCGP3	5	
594738	4130662	0.53063	40.07	40.07	1.5	ANNUAL	SRCGP3	5	
594758	4130662	0.52844	40.08	40.08	1.5	ANNUAL	SRCGP3	5	
594778	4130662	0.52595	40.2	40.2	1.5	ANNUAL	SRCGP3	5	
594798	4130662	0.52203	40.23	40.23	1.5	ANNUAL	SRCGP3	5	
594818	4130662	0.51664	40.31	40.31	1.5	ANNUAL	SRCGP3	5	
594838	4130662	0.50866	40.25	40.25	1.5	ANNUAL	SRCGP3	5	
594858	4130662	0.49883	40.41	40.41	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594878	4130662	0.48583	40.45	40.45	1.5	ANNUAL	SRCGP3	5	
594898	4130662	0.47002	40.5	40.5	1.5	ANNUAL	SRCGP3	5	
594918	4130662	0.45088	40.3	40.3	1.5	ANNUAL	SRCGP3	5	
594938	4130662	0.43084	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
594958	4130662	0.40873	40.72	40.72	1.5	ANNUAL	SRCGP3	5	
594978	4130662	0.38482	40.49	40.49	1.5	ANNUAL	SRCGP3	5	
594998	4130662	0.36146	40.57	40.57	1.5	ANNUAL	SRCGP3	5	
595018	4130662	0.33817	40.43	40.43	1.5	ANNUAL	SRCGP3	5	
595038	4130662	0.31688	40.73	40.73	1.5	ANNUAL	SRCGP3	5	
595058	4130662	0.29638	40.58	40.58	1.5	ANNUAL	SRCGP3	5	
595078	4130662	0.27785	40.44	40.44	1.5	ANNUAL	SRCGP3	5	
595118	4130662	0.24712	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595138	4130662	0.23461	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595158	4130662	0.22365	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595198	4130662	0.20502	40.08	40.08	1.5	ANNUAL	SRCGP3	5	
595218	4130662	0.19701	39.97	39.97	1.5	ANNUAL	SRCGP3	5	
595238	4130662	0.18964	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
595278	4130662	0.17635	39.73	39.73	1.5	ANNUAL	SRCGP3	5	
595298	4130662	0.17051	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
595318	4130662	0.16489	39.83	39.83	1.5	ANNUAL	SRCGP3	5	
595338	4130662	0.15962	39.72	39.72	1.5	ANNUAL	SRCGP3	5	
595378	4130662	0.15033	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
595398	4130662	0.14623	39.53	39.53	1.5	ANNUAL	SRCGP3	5	
595418	4130662	0.1424	39.37	39.37	1.5	ANNUAL	SRCGP3	5	
595438	4130662	0.13894	39.33	39.33	1.5	ANNUAL	SRCGP3	5	
595478	4130662	0.13284	39.44	39.44	1.5	ANNUAL	SRCGP3	5	
595498	4130662	0.13002	39.42	39.42	1.5	ANNUAL	SRCGP3	5	
595518	4130662	0.12733	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
595538	4130662	0.1248	39.41	39.41	1.5	ANNUAL	SRCGP3	5	
595578	4130662	0.11979	39.06	39.06	1.5	ANNUAL	SRCGP3	5	
595598	4130662	0.11742	39	39	1.5	ANNUAL	SRCGP3	5	
595618	4130662	0.11516	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595638	4130662	0.11291	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595658	4130662	0.11067	39	39	1.5	ANNUAL	SRCGP3	5	
595678	4130662	0.10847	39	39	1.5	ANNUAL	SRCGP3	5	
595698	4130662	0.10634	39.07	39.07	1.5	ANNUAL	SRCGP3	5	
595718	4130662	0.10416	38.94	38.94	1.5	ANNUAL	SRCGP3	5	
595738	4130662	0.1021	39.1	39.1	1.5	ANNUAL	SRCGP3	5	
595758	4130662	0.09999	39	39	1.5	ANNUAL	SRCGP3	5	
595778	4130662	0.09795	39.01	39.01	1.5	ANNUAL	SRCGP3	5	
595798	4130662	0.09587	38.79	38.79	1.5	ANNUAL	SRCGP3	5	
594418	4130682	0.44529	40.87	40.87	1.5	ANNUAL	SRCGP3	5	
594438	4130682	0.45599	40.87	40.87	1.5	ANNUAL	SRCGP3	5	
594458	4130682	0.46569	40.79	40.79	1.5	ANNUAL	SRCGP3	5	
594478	4130682	0.47435	40.7	40.7	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498	4130682	0.48238	40.83	40.83	1.5	ANNUAL	SRCGP3	5	
594518	4130682	0.48839	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
594538	4130682	0.49332	40.52	40.52	1.5	ANNUAL	SRCGP3	5	
594558	4130682	0.49692	40.43	40.43	1.5	ANNUAL	SRCGP3	5	
594578	4130682	0.49961	40.5	40.5	1.5	ANNUAL	SRCGP3	5	
594598	4130682	0.50101	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
594618	4130682	0.50123	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
594718	4130682	0.49369	40.22	40.22	1.5	ANNUAL	SRCGP3	5	
594738	4130682	0.49072	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
594758	4130682	0.48868	39.86	39.86	1.5	ANNUAL	SRCGP3	5	
594778	4130682	0.48622	39.95	39.95	1.5	ANNUAL	SRCGP3	5	
594798	4130682	0.48283	40.09	40.09	1.5	ANNUAL	SRCGP3	5	
594818	4130682	0.47768	40.15	40.15	1.5	ANNUAL	SRCGP3	5	
594838	4130682	0.46992	39.99	39.99	1.5	ANNUAL	SRCGP3	5	
594858	4130682	0.4607	40.12	40.12	1.5	ANNUAL	SRCGP3	5	
594878	4130682	0.44891	40.23	40.23	1.5	ANNUAL	SRCGP3	5	
594898	4130682	0.43453	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
594918	4130682	0.41696	40.08	40.08	1.5	ANNUAL	SRCGP3	5	
594938	4130682	0.39871	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
594958	4130682	0.37844	40.38	40.38	1.5	ANNUAL	SRCGP3	5	
594978	4130682	0.3573	40.39	40.39	1.5	ANNUAL	SRCGP3	5	
594998	4130682	0.33599	40.4	40.4	1.5	ANNUAL	SRCGP3	5	
595018	4130682	0.31501	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595038	4130682	0.2957	40.62	40.62	1.5	ANNUAL	SRCGP3	5	
595058	4130682	0.27707	40.47	40.47	1.5	ANNUAL	SRCGP3	5	
595078	4130682	0.26043	40.48	40.48	1.5	ANNUAL	SRCGP3	5	
595118	4130682	0.23233	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
595138	4130682	0.22064	40.12	40.12	1.5	ANNUAL	SRCGP3	5	
595158	4130682	0.21073	40.21	40.21	1.5	ANNUAL	SRCGP3	5	
595198	4130682	0.19375	40.01	40.01	1.5	ANNUAL	SRCGP3	5	
595218	4130682	0.18652	39.99	39.99	1.5	ANNUAL	SRCGP3	5	
595238	4130682	0.17976	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
595278	4130682	0.16746	39.63	39.63	1.5	ANNUAL	SRCGP3	5	
595298	4130682	0.16204	39.76	39.76	1.5	ANNUAL	SRCGP3	5	
595318	4130682	0.15689	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
595338	4130682	0.15187	39.6	39.6	1.5	ANNUAL	SRCGP3	5	
595378	4130682	0.14305	39.42	39.42	1.5	ANNUAL	SRCGP3	5	
595398	4130682	0.13922	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
595418	4130682	0.13548	39.14	39.14	1.5	ANNUAL	SRCGP3	5	
595438	4130682	0.13217	39.06	39.06	1.5	ANNUAL	SRCGP3	5	
595478	4130682	0.12649	39.32	39.32	1.5	ANNUAL	SRCGP3	5	
595498	4130682	0.12387	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
595518	4130682	0.1214	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
595538	4130682	0.11905	39.33	39.33	1.5	ANNUAL	SRCGP3	5	
595578	4130682	0.11456	39.22	39.22	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598	4130682	0.11245	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
595618	4130682	0.11039	39.27	39.27	1.5	ANNUAL	SRCGP3	5	
595638	4130682	0.10832	39.21	39.21	1.5	ANNUAL	SRCGP3	5	
595658	4130682	0.10629	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595678	4130682	0.1043	39.14	39.14	1.5	ANNUAL	SRCGP3	5	
595698	4130682	0.10227	38.92	38.92	1.5	ANNUAL	SRCGP3	5	
595718	4130682	0.10028	38.79	38.79	1.5	ANNUAL	SRCGP3	5	
595738	4130682	0.09843	38.98	38.98	1.5	ANNUAL	SRCGP3	5	
595758	4130682	0.09657	39.06	39.06	1.5	ANNUAL	SRCGP3	5	
595778	4130682	0.0947	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595798	4130682	0.0927	38.55	38.55	1.5	ANNUAL	SRCGP3	5	
594318	4130702	0.37309	40.53	40.53	1.5	ANNUAL	SRCGP3	5	
594338	4130702	0.38462	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
594358	4130702	0.39551	40.54	40.54	1.5	ANNUAL	SRCGP3	5	
594378	4130702	0.40633	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
594398	4130702	0.41654	40.66	40.66	1.5	ANNUAL	SRCGP3	5	
594418	4130702	0.42602	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
594438	4130702	0.43482	40.63	40.63	1.5	ANNUAL	SRCGP3	5	
594458	4130702	0.44261	40.56	40.56	1.5	ANNUAL	SRCGP3	5	
594478	4130702	0.44947	40.52	40.52	1.5	ANNUAL	SRCGP3	5	
594498	4130702	0.45561	40.64	40.64	1.5	ANNUAL	SRCGP3	5	
594518	4130702	0.45992	40.46	40.46	1.5	ANNUAL	SRCGP3	5	
594538	4130702	0.4634	40.44	40.44	1.5	ANNUAL	SRCGP3	5	
594558	4130702	0.4654	40.3	40.3	1.5	ANNUAL	SRCGP3	5	
594578	4130702	0.46661	40.29	40.29	1.5	ANNUAL	SRCGP3	5	
594598	4130702	0.46698	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
594618	4130702	0.46595	40.16	40.16	1.5	ANNUAL	SRCGP3	5	
595278	4130702	0.15929	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
595298	4130702	0.15423	39.58	39.58	1.5	ANNUAL	SRCGP3	5	
595318	4130702	0.14949	39.73	39.73	1.5	ANNUAL	SRCGP3	5	
595338	4130702	0.14482	39.54	39.54	1.5	ANNUAL	SRCGP3	5	
595378	4130702	0.13646	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
595398	4130702	0.13275	39.26	39.26	1.5	ANNUAL	SRCGP3	5	
595418	4130702	0.12923	39.02	39.02	1.5	ANNUAL	SRCGP3	5	
595438	4130702	0.12603	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
595478	4130702	0.12063	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
595498	4130702	0.11817	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595518	4130702	0.11589	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
595538	4130702	0.11366	39.18	39.18	1.5	ANNUAL	SRCGP3	5	
595578	4130702	0.10956	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595598	4130702	0.10763	39.18	39.18	1.5	ANNUAL	SRCGP3	5	
595618	4130702	0.10576	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
595638	4130702	0.10384	39.09	39.09	1.5	ANNUAL	SRCGP3	5	
595658	4130702	0.10193	38.86	38.86	1.5	ANNUAL	SRCGP3	5	
595678	4130702	0.10018	38.95	38.95	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698	4130702	0.09839	38.87	38.87	1.5	ANNUAL	SRCGP3	5	
595718	4130702	0.09671	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
595738	4130702	0.09497	39.16	39.16	1.5	ANNUAL	SRCGP3	5	
595758	4130702	0.09322	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595778	4130702	0.09155	39.18	39.18	1.5	ANNUAL	SRCGP3	5	
595798	4130702	0.08976	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
594318	4130722	0.36205	40.39	40.39	1.5	ANNUAL	SRCGP3	5	
594338	4130722	0.37212	40.5	40.5	1.5	ANNUAL	SRCGP3	5	
594358	4130722	0.38156	40.44	40.44	1.5	ANNUAL	SRCGP3	5	
594378	4130722	0.39057	40.39	40.39	1.5	ANNUAL	SRCGP3	5	
594398	4130722	0.3992	40.45	40.45	1.5	ANNUAL	SRCGP3	5	
594418	4130722	0.40721	40.52	40.52	1.5	ANNUAL	SRCGP3	5	
594438	4130722	0.41425	40.47	40.47	1.5	ANNUAL	SRCGP3	5	
594458	4130722	0.42037	40.39	40.39	1.5	ANNUAL	SRCGP3	5	
594478	4130722	0.42555	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
594498	4130722	0.43009	40.43	40.43	1.5	ANNUAL	SRCGP3	5	
594518	4130722	0.43324	40.38	40.38	1.5	ANNUAL	SRCGP3	5	
594538	4130722	0.43521	40.27	40.27	1.5	ANNUAL	SRCGP3	5	
594558	4130722	0.43607	40.13	40.13	1.5	ANNUAL	SRCGP3	5	
594578	4130722	0.4364	40.15	40.15	1.5	ANNUAL	SRCGP3	5	
594598	4130722	0.43577	40.1	40.1	1.5	ANNUAL	SRCGP3	5	
594618	4130722	0.43457	40.04	40.04	1.5	ANNUAL	SRCGP3	5	
594678	4130722	0.42998	40.05	40.05	1.5	ANNUAL	SRCGP3	5	
594698	4130722	0.42835	40.01	40.01	1.5	ANNUAL	SRCGP3	5	
594718	4130722	0.42646	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
594758	4130722	0.4224	39.57	39.57	1.5	ANNUAL	SRCGP3	5	
594778	4130722	0.42019	39.66	39.66	1.5	ANNUAL	SRCGP3	5	
594798	4130722	0.41663	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
594818	4130722	0.41189	39.62	39.62	1.5	ANNUAL	SRCGP3	5	
594838	4130722	0.40536	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
594858	4130722	0.39729	39.71	39.71	1.5	ANNUAL	SRCGP3	5	
594878	4130722	0.38683	39.69	39.69	1.5	ANNUAL	SRCGP3	5	
594898	4130722	0.37445	39.71	39.71	1.5	ANNUAL	SRCGP3	5	
594938	4130722	0.34458	39.8	39.8	1.5	ANNUAL	SRCGP3	5	
594958	4130722	0.32815	40.05	40.05	1.5	ANNUAL	SRCGP3	5	
594978	4130722	0.31072	40.13	40.13	1.5	ANNUAL	SRCGP3	5	
594998	4130722	0.29311	40.18	40.18	1.5	ANNUAL	SRCGP3	5	
595018	4130722	0.27564	40.07	40.07	1.5	ANNUAL	SRCGP3	5	
595038	4130722	0.25952	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
595058	4130722	0.24398	40.18	40.18	1.5	ANNUAL	SRCGP3	5	
595078	4130722	0.22991	40.08	40.08	1.5	ANNUAL	SRCGP3	5	
595118	4130722	0.20629	39.96	39.96	1.5	ANNUAL	SRCGP3	5	
595138	4130722	0.19665	39.98	39.98	1.5	ANNUAL	SRCGP3	5	
595158	4130722	0.18813	39.92	39.92	1.5	ANNUAL	SRCGP3	5	
595198	4130722	0.17385	39.74	39.74	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218	4130722	0.1678	39.74	39.74	1.5	ANNUAL	SRCGP3	5	
595238	4130722	0.16218	39.7	39.7	1.5	ANNUAL	SRCGP3	5	
595278	4130722	0.15185	39.52	39.52	1.5	ANNUAL	SRCGP3	5	
595298	4130722	0.14722	39.66	39.66	1.5	ANNUAL	SRCGP3	5	
595318	4130722	0.14267	39.58	39.58	1.5	ANNUAL	SRCGP3	5	
595338	4130722	0.13834	39.48	39.48	1.5	ANNUAL	SRCGP3	5	
595378	4130722	0.13042	39.23	39.23	1.5	ANNUAL	SRCGP3	5	
595398	4130722	0.12687	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
595418	4130722	0.12352	38.92	38.92	1.5	ANNUAL	SRCGP3	5	
595438	4130722	0.12042	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
595478	4130722	0.11529	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595498	4130722	0.11292	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595518	4130722	0.11073	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595538	4130722	0.10867	39.06	39.06	1.5	ANNUAL	SRCGP3	5	
595578	4130722	0.10485	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595598	4130722	0.10309	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
595618	4130722	0.10132	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
595638	4130722	0.09961	39.03	39.03	1.5	ANNUAL	SRCGP3	5	
595658	4130722	0.09786	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595678	4130722	0.09639	39.21	39.21	1.5	ANNUAL	SRCGP3	5	
595698	4130722	0.09467	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
595718	4130722	0.09315	39.14	39.14	1.5	ANNUAL	SRCGP3	5	
595738	4130722	0.09156	39.11	39.11	1.5	ANNUAL	SRCGP3	5	
595758	4130722	0.08998	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595778	4130722	0.08844	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
595798	4130722	0.08679	38.73	38.73	1.5	ANNUAL	SRCGP3	5	
594318	4130742	0.35072	40.35	40.35	1.5	ANNUAL	SRCGP3	5	
594338	4130742	0.35926	40.33	40.33	1.5	ANNUAL	SRCGP3	5	
594358	4130742	0.36748	40.36	40.36	1.5	ANNUAL	SRCGP3	5	
594378	4130742	0.37509	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
594398	4130742	0.3822	40.33	40.33	1.5	ANNUAL	SRCGP3	5	
594418	4130742	0.38892	40.49	40.49	1.5	ANNUAL	SRCGP3	5	
594438	4130742	0.39441	40.38	40.38	1.5	ANNUAL	SRCGP3	5	
594458	4130742	0.39919	40.34	40.34	1.5	ANNUAL	SRCGP3	5	
594478	4130742	0.40284	40.18	40.18	1.5	ANNUAL	SRCGP3	5	
594498	4130742	0.40612	40.31	40.31	1.5	ANNUAL	SRCGP3	5	
594518	4130742	0.40814	40.28	40.28	1.5	ANNUAL	SRCGP3	5	
594538	4130742	0.40899	40.13	40.13	1.5	ANNUAL	SRCGP3	5	
594558	4130742	0.40902	40	40	1.5	ANNUAL	SRCGP3	5	
594578	4130742	0.40881	40.1	40.1	1.5	ANNUAL	SRCGP3	5	
594598	4130742	0.40766	40.02	40.02	1.5	ANNUAL	SRCGP3	5	
594618	4130742	0.40623	39.99	39.99	1.5	ANNUAL	SRCGP3	5	
594678	4130742	0.40181	40.1	40.1	1.5	ANNUAL	SRCGP3	5	
594698	4130742	0.40049	40.13	40.13	1.5	ANNUAL	SRCGP3	5	
594718	4130742	0.3985	39.83	39.83	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594758	4130742	0.39435	39.38	39.38	1.5	ANNUAL	SRCGP3	5	
594778	4130742	0.39232	39.5	39.5	1.5	ANNUAL	SRCGP3	5	
594798	4130742	0.38934	39.62	39.62	1.5	ANNUAL	SRCGP3	5	
594818	4130742	0.38419	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
594838	4130742	0.37816	39.39	39.39	1.5	ANNUAL	SRCGP3	5	
594858	4130742	0.37058	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
594878	4130742	0.36079	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
594898	4130742	0.34952	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
594938	4130742	0.32167	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
594958	4130742	0.30652	39.7	39.7	1.5	ANNUAL	SRCGP3	5	
594978	4130742	0.29087	39.95	39.95	1.5	ANNUAL	SRCGP3	5	
594998	4130742	0.27474	39.98	39.98	1.5	ANNUAL	SRCGP3	5	
595018	4130742	0.25879	39.9	39.9	1.5	ANNUAL	SRCGP3	5	
595038	4130742	0.24408	40.2	40.2	1.5	ANNUAL	SRCGP3	5	
595058	4130742	0.22992	40.15	40.15	1.5	ANNUAL	SRCGP3	5	
595078	4130742	0.2168	39.91	39.91	1.5	ANNUAL	SRCGP3	5	
595118	4130742	0.19511	39.9	39.9	1.5	ANNUAL	SRCGP3	5	
595138	4130742	0.18617	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
595158	4130742	0.17828	39.81	39.81	1.5	ANNUAL	SRCGP3	5	
595198	4130742	0.1651	39.63	39.63	1.5	ANNUAL	SRCGP3	5	
595218	4130742	0.15955	39.64	39.64	1.5	ANNUAL	SRCGP3	5	
595238	4130742	0.1544	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
595278	4130742	0.14491	39.44	39.44	1.5	ANNUAL	SRCGP3	5	
595298	4130742	0.14061	39.53	39.53	1.5	ANNUAL	SRCGP3	5	
595318	4130742	0.13648	39.62	39.62	1.5	ANNUAL	SRCGP3	5	
595338	4130742	0.13227	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
595378	4130742	0.12488	39.14	39.14	1.5	ANNUAL	SRCGP3	5	
595398	4130742	0.12155	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
595418	4130742	0.1183	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
595438	4130742	0.11531	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
595478	4130742	0.11039	38.99	38.99	1.5	ANNUAL	SRCGP3	5	
595498	4130742	0.10811	38.96	38.96	1.5	ANNUAL	SRCGP3	5	
595518	4130742	0.10599	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
595538	4130742	0.10402	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
595578	4130742	0.10046	38.98	38.98	1.5	ANNUAL	SRCGP3	5	
595598	4130742	0.09878	38.94	38.94	1.5	ANNUAL	SRCGP3	5	
595618	4130742	0.09721	39.05	39.05	1.5	ANNUAL	SRCGP3	5	
595638	4130742	0.09562	38.98	38.98	1.5	ANNUAL	SRCGP3	5	
595658	4130742	0.09403	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595678	4130742	0.09265	39.11	39.11	1.5	ANNUAL	SRCGP3	5	
595698	4130742	0.09111	38.87	38.87	1.5	ANNUAL	SRCGP3	5	
595718	4130742	0.08961	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595738	4130742	0.08818	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595758	4130742	0.08668	38.51	38.51	1.5	ANNUAL	SRCGP3	5	
595778	4130742	0.08531	38.66	38.66	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595798	4130742	0.08383	38.36	38.36	1.5	ANNUAL	SRCGP3	5	
594318	4130762	0.33879	40.07	40.07	1.5	ANNUAL	SRCGP3	5	
594338	4130762	0.34632	40.19	40.19	1.5	ANNUAL	SRCGP3	5	
594358	4130762	0.35328	40.21	40.21	1.5	ANNUAL	SRCGP3	5	
594378	4130762	0.3596	40.15	40.15	1.5	ANNUAL	SRCGP3	5	
594398	4130762	0.3654	40.13	40.13	1.5	ANNUAL	SRCGP3	5	
594418	4130762	0.37088	40.32	40.32	1.5	ANNUAL	SRCGP3	5	
594438	4130762	0.3751	40.19	40.19	1.5	ANNUAL	SRCGP3	5	
594458	4130762	0.37862	40.12	40.12	1.5	ANNUAL	SRCGP3	5	
594478	4130762	0.38115	39.97	39.97	1.5	ANNUAL	SRCGP3	5	
594498	4130762	0.38374	40.31	40.31	1.5	ANNUAL	SRCGP3	5	
594518	4130762	0.38452	40.12	40.12	1.5	ANNUAL	SRCGP3	5	
594538	4130762	0.38451	39.93	39.93	1.5	ANNUAL	SRCGP3	5	
594558	4130762	0.38396	39.83	39.83	1.5	ANNUAL	SRCGP3	5	
594578	4130762	0.3835	40.05	40.05	1.5	ANNUAL	SRCGP3	5	
594598	4130762	0.38177	39.83	39.83	1.5	ANNUAL	SRCGP3	5	
594618	4130762	0.3801	39.76	39.76	1.5	ANNUAL	SRCGP3	5	
594678	4130762	0.37625	40.06	40.06	1.5	ANNUAL	SRCGP3	5	
594698	4130762	0.37483	39.96	39.96	1.5	ANNUAL	SRCGP3	5	
594718	4130762	0.37294	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
594758	4130762	0.3694	39.29	39.29	1.5	ANNUAL	SRCGP3	5	
594778	4130762	0.36731	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
594798	4130762	0.36411	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594818	4130762	0.35977	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594838	4130762	0.35368	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
594858	4130762	0.34658	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594878	4130762	0.33728	39.2	39.2	1.5	ANNUAL	SRCGP3	5	
594898	4130762	0.32662	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
594938	4130762	0.30112	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
594958	4130762	0.28735	39.53	39.53	1.5	ANNUAL	SRCGP3	5	
594978	4130762	0.27268	39.58	39.58	1.5	ANNUAL	SRCGP3	5	
594998	4130762	0.25797	39.66	39.66	1.5	ANNUAL	SRCGP3	5	
595018	4130762	0.24339	39.63	39.63	1.5	ANNUAL	SRCGP3	5	
595038	4130762	0.22981	39.86	39.86	1.5	ANNUAL	SRCGP3	5	
595058	4130762	0.21699	39.99	39.99	1.5	ANNUAL	SRCGP3	5	
595078	4130762	0.20501	39.88	39.88	1.5	ANNUAL	SRCGP3	5	
595118	4130762	0.18486	39.8	39.8	1.5	ANNUAL	SRCGP3	5	
595138	4130762	0.17654	39.76	39.76	1.5	ANNUAL	SRCGP3	5	
595158	4130762	0.16909	39.54	39.54	1.5	ANNUAL	SRCGP3	5	
595198	4130762	0.1571	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
595218	4130762	0.15205	39.72	39.72	1.5	ANNUAL	SRCGP3	5	
595238	4130762	0.14711	39.4	39.4	1.5	ANNUAL	SRCGP3	5	
595278	4130762	0.13847	39.37	39.37	1.5	ANNUAL	SRCGP3	5	
595298	4130762	0.13455	39.54	39.54	1.5	ANNUAL	SRCGP3	5	
595318	4130762	0.13054	39.29	39.29	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338	4130762	0.12675	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
595378	4130762	0.11971	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
595398	4130762	0.11656	38.96	38.96	1.5	ANNUAL	SRCGP3	5	
595418	4130762	0.11343	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
595438	4130762	0.11065	38.57	38.57	1.5	ANNUAL	SRCGP3	5	
595478	4130762	0.10586	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
595498	4130762	0.10363	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
595518	4130762	0.1016	38.74	38.74	1.5	ANNUAL	SRCGP3	5	
595538	4130762	0.09973	38.79	38.79	1.5	ANNUAL	SRCGP3	5	
595578	4130762	0.09637	38.93	38.93	1.5	ANNUAL	SRCGP3	5	
595598	4130762	0.09478	38.86	38.86	1.5	ANNUAL	SRCGP3	5	
595618	4130762	0.09331	38.97	38.97	1.5	ANNUAL	SRCGP3	5	
595638	4130762	0.09183	38.85	38.85	1.5	ANNUAL	SRCGP3	5	
595658	4130762	0.09037	38.66	38.66	1.5	ANNUAL	SRCGP3	5	
595678	4130762	0.08909	38.99	38.99	1.5	ANNUAL	SRCGP3	5	
595698	4130762	0.0877	38.85	38.85	1.5	ANNUAL	SRCGP3	5	
595718	4130762	0.0863	38.62	38.62	1.5	ANNUAL	SRCGP3	5	
595738	4130762	0.08501	38.66	38.66	1.5	ANNUAL	SRCGP3	5	
595758	4130762	0.08369	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
595778	4130762	0.0824	38.59	38.59	1.5	ANNUAL	SRCGP3	5	
595798	4130762	0.08108	38.48	38.48	1.5	ANNUAL	SRCGP3	5	
594318	4130782	0.32693	39.91	39.91	1.5	ANNUAL	SRCGP3	5	
594338	4130782	0.33337	40.03	40.03	1.5	ANNUAL	SRCGP3	5	
594358	4130782	0.33926	40.08	40.08	1.5	ANNUAL	SRCGP3	5	
594378	4130782	0.34449	40.03	40.03	1.5	ANNUAL	SRCGP3	5	
594398	4130782	0.34907	39.95	39.95	1.5	ANNUAL	SRCGP3	5	
594418	4130782	0.35331	40.06	40.06	1.5	ANNUAL	SRCGP3	5	
594438	4130782	0.35656	39.99	39.99	1.5	ANNUAL	SRCGP3	5	
594458	4130782	0.35916	39.98	39.98	1.5	ANNUAL	SRCGP3	5	
594478	4130782	0.36096	39.94	39.94	1.5	ANNUAL	SRCGP3	5	
594498	4130782	0.36218	40.01	40.01	1.5	ANNUAL	SRCGP3	5	
594518	4130782	0.36244	39.94	39.94	1.5	ANNUAL	SRCGP3	5	
594538	4130782	0.3622	39.95	39.95	1.5	ANNUAL	SRCGP3	5	
594558	4130782	0.36087	39.67	39.67	1.5	ANNUAL	SRCGP3	5	
594578	4130782	0.3601	39.9	39.9	1.5	ANNUAL	SRCGP3	5	
594598	4130782	0.35881	40	40	1.5	ANNUAL	SRCGP3	5	
594618	4130782	0.35682	39.76	39.76	1.5	ANNUAL	SRCGP3	5	
594678	4130782	0.35285	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
594698	4130782	0.35132	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
594718	4130782	0.3498	39.33	39.33	1.5	ANNUAL	SRCGP3	5	
594758	4130782	0.3467	39.1	39.1	1.5	ANNUAL	SRCGP3	5	
594778	4130782	0.34487	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
594798	4130782	0.34168	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
594818	4130782	0.33768	39.23	39.23	1.5	ANNUAL	SRCGP3	5	
594838	4130782	0.33157	38.93	38.93	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130782	0.32532	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594878	4130782	0.31652	39.16	39.16	1.5	ANNUAL	SRCGP3	5	
594898	4130782	0.30639	39.08	39.08	1.5	ANNUAL	SRCGP3	5	
594938	4130782	0.2827	39.07	39.07	1.5	ANNUAL	SRCGP3	5	
594958	4130782	0.26988	39.27	39.27	1.5	ANNUAL	SRCGP3	5	
594978	4130782	0.25684	39.64	39.64	1.5	ANNUAL	SRCGP3	5	
594998	4130782	0.24306	39.55	39.55	1.5	ANNUAL	SRCGP3	5	
595018	4130782	0.22968	39.56	39.56	1.5	ANNUAL	SRCGP3	5	
595038	4130782	0.21726	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
595058	4130782	0.20524	39.86	39.86	1.5	ANNUAL	SRCGP3	5	
595078	4130782	0.19417	39.77	39.77	1.5	ANNUAL	SRCGP3	5	
595118	4130782	0.17546	39.7	39.7	1.5	ANNUAL	SRCGP3	5	
595138	4130782	0.16767	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
595158	4130782	0.16086	39.54	39.54	1.5	ANNUAL	SRCGP3	5	
595198	4130782	0.14961	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
595218	4130782	0.14484	39.42	39.42	1.5	ANNUAL	SRCGP3	5	
595238	4130782	0.14047	39.39	39.39	1.5	ANNUAL	SRCGP3	5	
595278	4130782	0.13248	39.29	39.29	1.5	ANNUAL	SRCGP3	5	
595298	4130782	0.12885	39.46	39.46	1.5	ANNUAL	SRCGP3	5	
595318	4130782	0.12514	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
595338	4130782	0.12152	38.89	38.89	1.5	ANNUAL	SRCGP3	5	
595378	4130782	0.11499	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
595398	4130782	0.11194	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595418	4130782	0.109	38.53	38.53	1.5	ANNUAL	SRCGP3	5	
595438	4130782	0.1063	38.41	38.41	1.5	ANNUAL	SRCGP3	5	
595478	4130782	0.10167	38.72	38.72	1.5	ANNUAL	SRCGP3	5	
595498	4130782	0.0995	38.57	38.57	1.5	ANNUAL	SRCGP3	5	
595518	4130782	0.09758	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
595538	4130782	0.09578	38.71	38.71	1.5	ANNUAL	SRCGP3	5	
595578	4130782	0.09255	38.83	38.83	1.5	ANNUAL	SRCGP3	5	
595598	4130782	0.09107	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
595618	4130782	0.08969	39.01	39.01	1.5	ANNUAL	SRCGP3	5	
595638	4130782	0.08825	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
595658	4130782	0.08693	38.65	38.65	1.5	ANNUAL	SRCGP3	5	
595678	4130782	0.08573	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
595698	4130782	0.08442	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
595718	4130782	0.0832	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
595738	4130782	0.08208	39.01	39.01	1.5	ANNUAL	SRCGP3	5	
595758	4130782	0.08087	38.97	38.97	1.5	ANNUAL	SRCGP3	5	
595778	4130782	0.07968	38.92	38.92	1.5	ANNUAL	SRCGP3	5	
595798	4130782	0.07845	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
594318	4130802	0.31531	39.92	39.92	1.5	ANNUAL	SRCGP3	5	
594338	4130802	0.32056	39.89	39.89	1.5	ANNUAL	SRCGP3	5	
594358	4130802	0.32556	40	40	1.5	ANNUAL	SRCGP3	5	
594378	4130802	0.32967	39.86	39.86	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130802	0.33335	39.82	39.82	1.5	ANNUAL	SRCGP3	5	
594418	4130802	0.33664	39.94	39.94	1.5	ANNUAL	SRCGP3	5	
594438	4130802	0.3392	40.01	40.01	1.5	ANNUAL	SRCGP3	5	
594458	4130802	0.34088	39.95	39.95	1.5	ANNUAL	SRCGP3	5	
594478	4130802	0.34152	39.68	39.68	1.5	ANNUAL	SRCGP3	5	
594498	4130802	0.3423	39.9	39.9	1.5	ANNUAL	SRCGP3	5	
594518	4130802	0.34207	39.87	39.87	1.5	ANNUAL	SRCGP3	5	
594538	4130802	0.34131	39.84	39.84	1.5	ANNUAL	SRCGP3	5	
594558	4130802	0.33958	39.49	39.49	1.5	ANNUAL	SRCGP3	5	
594578	4130802	0.33853	39.68	39.68	1.5	ANNUAL	SRCGP3	5	
594598	4130802	0.33674	39.53	39.53	1.5	ANNUAL	SRCGP3	5	
594618	4130802	0.33534	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
594678	4130802	0.33182	39.69	39.69	1.5	ANNUAL	SRCGP3	5	
594698	4130802	0.33067	39.54	39.54	1.5	ANNUAL	SRCGP3	5	
594718	4130802	0.32931	39.28	39.28	1.5	ANNUAL	SRCGP3	5	
594758	4130802	0.32616	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
594778	4130802	0.32474	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
594798	4130802	0.32113	38.86	38.86	1.5	ANNUAL	SRCGP3	5	
594818	4130802	0.31715	38.87	38.87	1.5	ANNUAL	SRCGP3	5	
594838	4130802	0.31181	38.82	38.82	1.5	ANNUAL	SRCGP3	5	
594858	4130802	0.30545	38.97	38.97	1.5	ANNUAL	SRCGP3	5	
594878	4130802	0.29766	39.09	39.09	1.5	ANNUAL	SRCGP3	5	
594898	4130802	0.28792	38.85	38.85	1.5	ANNUAL	SRCGP3	5	
594938	4130802	0.26593	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
594958	4130802	0.25398	38.97	38.97	1.5	ANNUAL	SRCGP3	5	
594978	4130802	0.24193	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594998	4130802	0.22924	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
595018	4130802	0.21697	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
595038	4130802	0.20555	39.68	39.68	1.5	ANNUAL	SRCGP3	5	
595058	4130802	0.19455	39.78	39.78	1.5	ANNUAL	SRCGP3	5	
595078	4130802	0.18418	39.59	39.59	1.5	ANNUAL	SRCGP3	5	
595118	4130802	0.16697	39.79	39.79	1.5	ANNUAL	SRCGP3	5	
595138	4130802	0.15959	39.56	39.56	1.5	ANNUAL	SRCGP3	5	
595158	4130802	0.15308	39.3	39.3	1.5	ANNUAL	SRCGP3	5	
595198	4130802	0.14266	39.3	39.3	1.5	ANNUAL	SRCGP3	5	
595218	4130802	0.13831	39.38	39.38	1.5	ANNUAL	SRCGP3	5	
595238	4130802	0.13423	39.29	39.29	1.5	ANNUAL	SRCGP3	5	
595278	4130802	0.12692	39.29	39.29	1.5	ANNUAL	SRCGP3	5	
595298	4130802	0.12352	39.35	39.35	1.5	ANNUAL	SRCGP3	5	
595318	4130802	0.12012	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595338	4130802	0.11674	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
595378	4130802	0.11059	38.71	38.71	1.5	ANNUAL	SRCGP3	5	
595398	4130802	0.10773	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
595418	4130802	0.10489	38.41	38.41	1.5	ANNUAL	SRCGP3	5	
595438	4130802	0.1023	38.28	38.28	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595478	4130802	0.09784	38.65	38.65	1.5	ANNUAL	SRCGP3	5	
595498	4130802	0.09568	38.36	38.36	1.5	ANNUAL	SRCGP3	5	
595518	4130802	0.09379	38.4	38.4	1.5	ANNUAL	SRCGP3	5	
595538	4130802	0.09207	38.51	38.51	1.5	ANNUAL	SRCGP3	5	
595578	4130802	0.08899	38.72	38.72	1.5	ANNUAL	SRCGP3	5	
595598	4130802	0.08755	38.69	38.69	1.5	ANNUAL	SRCGP3	5	
595618	4130802	0.08622	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
595638	4130802	0.08491	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
595658	4130802	0.08365	38.56	38.56	1.5	ANNUAL	SRCGP3	5	
595678	4130802	0.08253	38.81	38.81	1.5	ANNUAL	SRCGP3	5	
595698	4130802	0.08135	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
595718	4130802	0.08019	38.57	38.57	1.5	ANNUAL	SRCGP3	5	
595738	4130802	0.0791	38.66	38.66	1.5	ANNUAL	SRCGP3	5	
595758	4130802	0.07801	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
595778	4130802	0.07692	38.65	38.65	1.5	ANNUAL	SRCGP3	5	
595798	4130802	0.07575	38.27	38.27	1.5	ANNUAL	SRCGP3	5	
594318	4130822	0.30355	39.74	39.74	1.5	ANNUAL	SRCGP3	5	
594338	4130822	0.30816	39.88	39.88	1.5	ANNUAL	SRCGP3	5	
594358	4130822	0.31225	39.98	39.98	1.5	ANNUAL	SRCGP3	5	
594378	4130822	0.31535	39.72	39.72	1.5	ANNUAL	SRCGP3	5	
594398	4130822	0.31818	39.68	39.68	1.5	ANNUAL	SRCGP3	5	
594418	4130822	0.32085	39.94	39.94	1.5	ANNUAL	SRCGP3	5	
594438	4130822	0.32245	39.88	39.88	1.5	ANNUAL	SRCGP3	5	
594458	4130822	0.32327	39.72	39.72	1.5	ANNUAL	SRCGP3	5	
594478	4130822	0.3234	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
594498	4130822	0.32354	39.68	39.68	1.5	ANNUAL	SRCGP3	5	
594518	4130822	0.32283	39.62	39.62	1.5	ANNUAL	SRCGP3	5	
594538	4130822	0.32183	39.63	39.63	1.5	ANNUAL	SRCGP3	5	
594558	4130822	0.32007	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
594578	4130822	0.31876	39.45	39.45	1.5	ANNUAL	SRCGP3	5	
594598	4130822	0.31733	39.5	39.5	1.5	ANNUAL	SRCGP3	5	
594618	4130822	0.31577	39.41	39.41	1.5	ANNUAL	SRCGP3	5	
594678	4130822	0.31272	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
594698	4130822	0.3117	39.35	39.35	1.5	ANNUAL	SRCGP3	5	
594718	4130822	0.31062	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
594758	4130822	0.30755	38.74	38.74	1.5	ANNUAL	SRCGP3	5	
594778	4130822	0.30615	39.07	39.07	1.5	ANNUAL	SRCGP3	5	
594798	4130822	0.3029	38.82	38.82	1.5	ANNUAL	SRCGP3	5	
594818	4130822	0.2989	38.73	38.73	1.5	ANNUAL	SRCGP3	5	
594838	4130822	0.29374	38.65	38.65	1.5	ANNUAL	SRCGP3	5	
594858	4130822	0.2876	38.74	38.74	1.5	ANNUAL	SRCGP3	5	
594878	4130822	0.27996	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
594898	4130822	0.27115	38.63	38.63	1.5	ANNUAL	SRCGP3	5	
594938	4130822	0.25077	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
594958	4130822	0.23983	38.9	38.9	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978	4130822	0.22831	38.96	38.96	1.5	ANNUAL	SRCGP3	5	
594998	4130822	0.21679	39.06	39.06	1.5	ANNUAL	SRCGP3	5	
595018	4130822	0.20541	39.1	39.1	1.5	ANNUAL	SRCGP3	5	
595038	4130822	0.19471	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
595058	4130822	0.18454	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
595078	4130822	0.17506	39.48	39.48	1.5	ANNUAL	SRCGP3	5	
595118	4130822	0.15883	39.45	39.45	1.5	ANNUAL	SRCGP3	5	
595138	4130822	0.15202	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
595158	4130822	0.14597	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595198	4130822	0.13628	39.26	39.26	1.5	ANNUAL	SRCGP3	5	
595218	4130822	0.13219	39.27	39.27	1.5	ANNUAL	SRCGP3	5	
595238	4130822	0.12838	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
595278	4130822	0.12168	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
595298	4130822	0.11856	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
595318	4130822	0.11533	38.96	38.96	1.5	ANNUAL	SRCGP3	5	
595338	4130822	0.11228	38.81	38.81	1.5	ANNUAL	SRCGP3	5	
595378	4130822	0.10649	38.62	38.62	1.5	ANNUAL	SRCGP3	5	
595398	4130822	0.1038	38.65	38.65	1.5	ANNUAL	SRCGP3	5	
595418	4130822	0.10109	38.32	38.32	1.5	ANNUAL	SRCGP3	5	
595438	4130822	0.09861	38.23	38.23	1.5	ANNUAL	SRCGP3	5	
595478	4130822	0.09426	38.48	38.48	1.5	ANNUAL	SRCGP3	5	
595498	4130822	0.0922	38.3	38.3	1.5	ANNUAL	SRCGP3	5	
595518	4130822	0.09042	38.5	38.5	1.5	ANNUAL	SRCGP3	5	
595538	4130822	0.08866	38.37	38.37	1.5	ANNUAL	SRCGP3	5	
595558	4130822	0.08711	38.48	38.48	1.5	ANNUAL	SRCGP3	5	
595578	4130822	0.0857	38.71	38.71	1.5	ANNUAL	SRCGP3	5	
595598	4130822	0.0843	38.64	38.64	1.5	ANNUAL	SRCGP3	5	
595618	4130822	0.08306	38.83	38.83	1.5	ANNUAL	SRCGP3	5	
595638	4130822	0.08176	38.56	38.56	1.5	ANNUAL	SRCGP3	5	
595658	4130822	0.08057	38.44	38.44	1.5	ANNUAL	SRCGP3	5	
595678	4130822	0.07955	38.82	38.82	1.5	ANNUAL	SRCGP3	5	
595698	4130822	0.07841	38.6	38.6	1.5	ANNUAL	SRCGP3	5	
595718	4130822	0.07737	38.64	38.64	1.5	ANNUAL	SRCGP3	5	
595738	4130822	0.07635	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
595758	4130822	0.07532	38.6	38.6	1.5	ANNUAL	SRCGP3	5	
595778	4130822	0.07434	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
595798	4130822	0.07323	38.14	38.14	1.5	ANNUAL	SRCGP3	5	
594318	4130842	0.29204	39.6	39.6	1.5	ANNUAL	SRCGP3	5	
594338	4130842	0.29588	39.76	39.76	1.5	ANNUAL	SRCGP3	5	
594358	4130842	0.29896	39.67	39.67	1.5	ANNUAL	SRCGP3	5	
594378	4130842	0.3015	39.56	39.56	1.5	ANNUAL	SRCGP3	5	
594398	4130842	0.30369	39.58	39.58	1.5	ANNUAL	SRCGP3	5	
594418	4130842	0.30623	40.3	40.3	1.5	ANNUAL	SRCGP3	5	
594438	4130842	0.30653	39.73	39.73	1.5	ANNUAL	SRCGP3	5	
594458	4130842	0.30671	39.52	39.52	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594478	4130842	0.30639	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
594498	4130842	0.3065	39.78	39.78	1.5	ANNUAL	SRCGP3	5	
594518	4130842	0.30511	39.46	39.46	1.5	ANNUAL	SRCGP3	5	
594538	4130842	0.3039	39.47	39.47	1.5	ANNUAL	SRCGP3	5	
594558	4130842	0.3021	39.21	39.21	1.5	ANNUAL	SRCGP3	5	
594578	4130842	0.30083	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
594598	4130842	0.29961	39.48	39.48	1.5	ANNUAL	SRCGP3	5	
594618	4130842	0.29828	39.46	39.46	1.5	ANNUAL	SRCGP3	5	
594678	4130842	0.29504	39.13	39.13	1.5	ANNUAL	SRCGP3	5	
594698	4130842	0.2945	39.19	39.19	1.5	ANNUAL	SRCGP3	5	
594718	4130842	0.2931	38.74	38.74	1.5	ANNUAL	SRCGP3	5	
594758	4130842	0.29087	38.73	38.73	1.5	ANNUAL	SRCGP3	5	
594778	4130842	0.28907	38.81	38.81	1.5	ANNUAL	SRCGP3	5	
594798	4130842	0.28627	38.78	38.78	1.5	ANNUAL	SRCGP3	5	
594818	4130842	0.28272	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
594838	4130842	0.27733	38.52	38.52	1.5	ANNUAL	SRCGP3	5	
594858	4130842	0.27148	38.6	38.6	1.5	ANNUAL	SRCGP3	5	
594878	4130842	0.26417	38.48	38.48	1.5	ANNUAL	SRCGP3	5	
594898	4130842	0.25614	38.59	38.59	1.5	ANNUAL	SRCGP3	5	
594938	4130842	0.237	38.54	38.54	1.5	ANNUAL	SRCGP3	5	
594958	4130842	0.22684	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
594978	4130842	0.21617	38.85	38.85	1.5	ANNUAL	SRCGP3	5	
594998	4130842	0.20538	38.86	38.86	1.5	ANNUAL	SRCGP3	5	
595018	4130842	0.1949	38.97	38.97	1.5	ANNUAL	SRCGP3	5	
595038	4130842	0.18508	39.33	39.33	1.5	ANNUAL	SRCGP3	5	
595058	4130842	0.17558	39.44	39.44	1.5	ANNUAL	SRCGP3	5	
595078	4130842	0.16668	39.38	39.38	1.5	ANNUAL	SRCGP3	5	
595118	4130842	0.15155	39.44	39.44	1.5	ANNUAL	SRCGP3	5	
595138	4130842	0.14499	39.12	39.12	1.5	ANNUAL	SRCGP3	5	
595158	4130842	0.13948	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595198	4130842	0.13044	39.37	39.37	1.5	ANNUAL	SRCGP3	5	
595218	4130842	0.12649	39.14	39.14	1.5	ANNUAL	SRCGP3	5	
595238	4130842	0.123	39.11	39.11	1.5	ANNUAL	SRCGP3	5	
595278	4130842	0.11677	39.16	39.16	1.5	ANNUAL	SRCGP3	5	
595298	4130842	0.1139	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
595318	4130842	0.11091	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
595338	4130842	0.1081	38.79	38.79	1.5	ANNUAL	SRCGP3	5	
595378	4130842	0.10272	38.69	38.69	1.5	ANNUAL	SRCGP3	5	
595398	4130842	0.10015	38.63	38.63	1.5	ANNUAL	SRCGP3	5	
595418	4130842	0.09756	38.28	38.28	1.5	ANNUAL	SRCGP3	5	
595438	4130842	0.09522	38.26	38.26	1.5	ANNUAL	SRCGP3	5	
595478	4130842	0.091	38.48	38.48	1.5	ANNUAL	SRCGP3	5	
595498	4130842	0.08901	38.33	38.33	1.5	ANNUAL	SRCGP3	5	
595518	4130842	0.0872	38.29	38.29	1.5	ANNUAL	SRCGP3	5	
595538	4130842	0.08553	38.3	38.3	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595558	4130842	0.08397	38.28	38.28	1.5	ANNUAL	SRCGP3	5	
595578	4130842	0.08261	38.54	38.54	1.5	ANNUAL	SRCGP3	5	
595598	4130842	0.08124	38.45	38.45	1.5	ANNUAL	SRCGP3	5	
595618	4130842	0.08004	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
595638	4130842	0.07883	38.52	38.52	1.5	ANNUAL	SRCGP3	5	
595658	4130842	0.07768	38.38	38.38	1.5	ANNUAL	SRCGP3	5	
595678	4130842	0.07669	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
595698	4130842	0.07565	38.55	38.55	1.5	ANNUAL	SRCGP3	5	
595718	4130842	0.07466	38.56	38.56	1.5	ANNUAL	SRCGP3	5	
595738	4130842	0.07372	38.63	38.63	1.5	ANNUAL	SRCGP3	5	
595758	4130842	0.07276	38.55	38.55	1.5	ANNUAL	SRCGP3	5	
595778	4130842	0.07183	38.52	38.52	1.5	ANNUAL	SRCGP3	5	
595798	4130842	0.0708	37.98	37.98	1.5	ANNUAL	SRCGP3	5	
594318	4130862	0.28089	39.56	39.56	1.5	ANNUAL	SRCGP3	5	
594338	4130862	0.28392	39.62	39.62	1.5	ANNUAL	SRCGP3	5	
594358	4130862	0.28642	39.61	39.61	1.5	ANNUAL	SRCGP3	5	
594378	4130862	0.28825	39.45	39.45	1.5	ANNUAL	SRCGP3	5	
594398	4130862	0.28985	39.51	39.51	1.5	ANNUAL	SRCGP3	5	
594418	4130862	0.29126	39.82	39.82	1.5	ANNUAL	SRCGP3	5	
594438	4130862	0.29161	39.7	39.7	1.5	ANNUAL	SRCGP3	5	
594458	4130862	0.29117	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
594478	4130862	0.29056	39.24	39.24	1.5	ANNUAL	SRCGP3	5	
594498	4130862	0.29045	39.77	39.77	1.5	ANNUAL	SRCGP3	5	
594518	4130862	0.28883	39.41	39.41	1.5	ANNUAL	SRCGP3	5	
594538	4130862	0.28713	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
594558	4130862	0.28566	39.12	39.12	1.5	ANNUAL	SRCGP3	5	
594578	4130862	0.28438	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
594598	4130862	0.28329	39.39	39.39	1.5	ANNUAL	SRCGP3	5	
594618	4130862	0.28206	39.33	39.33	1.5	ANNUAL	SRCGP3	5	
594678	4130862	0.27907	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
594698	4130862	0.27867	38.93	38.93	1.5	ANNUAL	SRCGP3	5	
594718	4130862	0.27806	38.93	38.93	1.5	ANNUAL	SRCGP3	5	
594758	4130862	0.27555	38.68	38.68	1.5	ANNUAL	SRCGP3	5	
594778	4130862	0.27384	38.8	38.8	1.5	ANNUAL	SRCGP3	5	
594798	4130862	0.27101	38.7	38.7	1.5	ANNUAL	SRCGP3	5	
594818	4130862	0.26736	38.67	38.67	1.5	ANNUAL	SRCGP3	5	
594838	4130862	0.26236	38.41	38.41	1.5	ANNUAL	SRCGP3	5	
594858	4130862	0.25692	38.58	38.58	1.5	ANNUAL	SRCGP3	5	
594878	4130862	0.2499	38.39	38.39	1.5	ANNUAL	SRCGP3	5	
594898	4130862	0.24226	38.44	38.44	1.5	ANNUAL	SRCGP3	5	
594938	4130862	0.2243	38.34	38.34	1.5	ANNUAL	SRCGP3	5	
594958	4130862	0.21493	38.63	38.63	1.5	ANNUAL	SRCGP3	5	
594978	4130862	0.20513	38.82	38.82	1.5	ANNUAL	SRCGP3	5	
594998	4130862	0.19501	38.75	38.75	1.5	ANNUAL	SRCGP3	5	
595018	4130862	0.18517	38.77	38.77	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595038	4130862	0.17591	38.98	38.98	1.5	ANNUAL	SRCGP3	5	
595058	4130862	0.16714	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595078	4130862	0.15886	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
595118	4130862	0.14469	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
595138	4130862	0.13862	39.08	39.08	1.5	ANNUAL	SRCGP3	5	
595158	4130862	0.13335	39.02	39.02	1.5	ANNUAL	SRCGP3	5	
595198	4130862	0.12482	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
595238	4130862	0.11783	38.84	38.84	1.5	ANNUAL	SRCGP3	5	
595278	4130862	0.11211	38.98	38.98	1.5	ANNUAL	SRCGP3	5	
595298	4130862	0.10935	38.83	38.83	1.5	ANNUAL	SRCGP3	5	
595318	4130862	0.1067	38.73	38.73	1.5	ANNUAL	SRCGP3	5	
595338	4130862	0.10411	38.64	38.64	1.5	ANNUAL	SRCGP3	5	
595378	4130862	0.09905	38.43	38.43	1.5	ANNUAL	SRCGP3	5	
595398	4130862	0.09665	38.42	38.42	1.5	ANNUAL	SRCGP3	5	
595418	4130862	0.0942	38.07	38.07	1.5	ANNUAL	SRCGP3	5	
595438	4130862	0.092	38.17	38.17	1.5	ANNUAL	SRCGP3	5	
595478	4130862	0.08788	38.2	38.2	1.5	ANNUAL	SRCGP3	5	
595498	4130862	0.08601	38.25	38.25	1.5	ANNUAL	SRCGP3	5	
595518	4130862	0.08424	38.21	38.21	1.5	ANNUAL	SRCGP3	5	
595538	4130862	0.08256	38.05	38.05	1.5	ANNUAL	SRCGP3	5	
595558	4130862	0.0811	38.23	38.23	1.5	ANNUAL	SRCGP3	5	
595578	4130862	0.07978	38.56	38.56	1.5	ANNUAL	SRCGP3	5	
595598	4130862	0.07847	38.58	38.58	1.5	ANNUAL	SRCGP3	5	
595618	4130862	0.07723	38.46	38.46	1.5	ANNUAL	SRCGP3	5	
595638	4130862	0.07607	38.4	38.4	1.5	ANNUAL	SRCGP3	5	
595658	4130862	0.07499	38.36	38.36	1.5	ANNUAL	SRCGP3	5	
595678	4130862	0.07402	38.59	38.59	1.5	ANNUAL	SRCGP3	5	
595698	4130862	0.07302	38.44	38.44	1.5	ANNUAL	SRCGP3	5	
595718	4130862	0.07212	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
595738	4130862	0.07122	38.59	38.59	1.5	ANNUAL	SRCGP3	5	
595758	4130862	0.07033	38.56	38.56	1.5	ANNUAL	SRCGP3	5	
595778	4130862	0.06947	38.55	38.55	1.5	ANNUAL	SRCGP3	5	
595798	4130862	0.06853	38.11	38.11	1.5	ANNUAL	SRCGP3	5	
594318	4130882	0.26985	39.36	39.36	1.5	ANNUAL	SRCGP3	5	
594338	4130882	0.27222	39.38	39.38	1.5	ANNUAL	SRCGP3	5	
594358	4130882	0.27405	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594378	4130882	0.27544	39.26	39.26	1.5	ANNUAL	SRCGP3	5	
594398	4130882	0.27638	39.22	39.22	1.5	ANNUAL	SRCGP3	5	
594418	4130882	0.27705	39.34	39.34	1.5	ANNUAL	SRCGP3	5	
594438	4130882	0.27702	39.27	39.27	1.5	ANNUAL	SRCGP3	5	
594458	4130882	0.27642	39.09	39.09	1.5	ANNUAL	SRCGP3	5	
594478	4130882	0.27558	39.01	39.01	1.5	ANNUAL	SRCGP3	5	
594498	4130882	0.27493	39.31	39.31	1.5	ANNUAL	SRCGP3	5	
594518	4130882	0.27346	39.15	39.15	1.5	ANNUAL	SRCGP3	5	
594538	4130882	0.27189	39	39	1.5	ANNUAL	SRCGP3	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594558	4130882	0.27054	39.04	39.04	1.5	ANNUAL	SRCGP3	5	
594578	4130882	0.26948	39.25	39.25	1.5	ANNUAL	SRCGP3	5	
594598	4130882	0.26783	38.91	38.91	1.5	ANNUAL	SRCGP3	5	
594618	4130882	0.26718	39.17	39.17	1.5	ANNUAL	SRCGP3	5	
594678	4130882	0.26493	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
594698	4130882	0.26401	38.54	38.54	1.5	ANNUAL	SRCGP3	5	
594718	4130882	0.26343	38.52	38.52	1.5	ANNUAL	SRCGP3	5	
594758	4130882	0.2612	38.42	38.42	1.5	ANNUAL	SRCGP3	5	
594778	4130882	0.25935	38.43	38.43	1.5	ANNUAL	SRCGP3	5	
594798	4130882	0.25672	38.42	38.42	1.5	ANNUAL	SRCGP3	5	
594818	4130882	0.25298	38.25	38.25	1.5	ANNUAL	SRCGP3	5	
594838	4130882	0.24849	38.21	38.21	1.5	ANNUAL	SRCGP3	5	
594858	4130882	0.24303	38.18	38.18	1.5	ANNUAL	SRCGP3	5	
594878	4130882	0.23652	38.08	38.08	1.5	ANNUAL	SRCGP3	5	
594898	4130882	0.22931	38.12	38.12	1.5	ANNUAL	SRCGP3	5	
594938	4130882	0.21266	38.14	38.14	1.5	ANNUAL	SRCGP3	5	
594958	4130882	0.20378	38.3	38.3	1.5	ANNUAL	SRCGP3	5	
594978	4130882	0.19459	38.42	38.42	1.5	ANNUAL	SRCGP3	5	
595038	4130882	0.16758	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
595058	4130882	0.15923	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
595078	4130882	0.15159	38.89	38.89	1.5	ANNUAL	SRCGP3	5	
595098	4130882	0.1446	38.96	38.96	1.5	ANNUAL	SRCGP3	5	
595118	4130882	0.1383	39	39	1.5	ANNUAL	SRCGP3	5	
595138	4130882	0.1326	38.88	38.88	1.5	ANNUAL	SRCGP3	5	
595158	4130882	0.12761	38.77	38.77	1.5	ANNUAL	SRCGP3	5	
595178	4130882	0.12319	38.61	38.61	1.5	ANNUAL	SRCGP3	5	
594658	4130982	0.20887	38.34	38.34	1.5	ANNUAL	SRCGP3	5	

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AERMOD (91): C:\Lak ERMOD Vi CC FMP Th ater\SJCC FMP The ater.isc 1/25/2021
AERMET (91): 18:19:21
MODELING IONS USED gDFAULT (ELEV FL GPOL URB AN ADJ_ U*
PLOT FILE OF AN VALUES AV GED ACRO 5 YEAR S FOR SO URCE GRO UP: ALL
FOR A TOTAL O 1 RECEPTORS.
FORM AT: (3(1X,F),3(1X,F8.2 2X,A6,2X,A 8,2X,I8.8 ,2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594461.9	4130189	0.07009	46.81	46.81	1.5	ANNUAL	ALL	5	
594481.9	4130189	0.07233	46.84	46.84	1.5	ANNUAL	ALL	5	
594501.9	4130189	0.07464	46.82	46.82	1.5	ANNUAL	ALL	5	
594521.9	4130189	0.07705	46.7	46.7	1.5	ANNUAL	ALL	5	
594541.9	4130189	0.07946	46.61	46.61	1.5	ANNUAL	ALL	5	
594561.9	4130189	0.08193	46.45	46.45	1.5	ANNUAL	ALL	5	
594421.9	4130209	0.07102	46.02	46.02	1.5	ANNUAL	ALL	5	
594441.9	4130209	0.07355	46.01	46.01	1.5	ANNUAL	ALL	5	
594461.9	4130209	0.07603	46.26	46.26	1.5	ANNUAL	ALL	5	
594481.9	4130209	0.07872	46.32	46.32	1.5	ANNUAL	ALL	5	
594501.9	4130209	0.0812	46.8	46.8	1.5	ANNUAL	ALL	5	
594521.9	4130209	0.08408	46.82	46.82	1.5	ANNUAL	ALL	5	
594541.9	4130209	0.08701	46.85	46.85	1.5	ANNUAL	ALL	5	
594561.9	4130209	0.09014	46.7	46.7	1.5	ANNUAL	ALL	5	
594581.9	4130209	0.09384	45.96	45.96	1.5	ANNUAL	ALL	5	
594421.9	4130229	0.07627	46.01	46.01	1.5	ANNUAL	ALL	5	
594441.9	4130229	0.07919	46.01	46.01	1.5	ANNUAL	ALL	5	
594461.9	4130229	0.08227	46.01	46.01	1.5	ANNUAL	ALL	5	
594481.9	4130229	0.08539	46.18	46.18	1.5	ANNUAL	ALL	5	
594501.9	4130229	0.08859	46.42	46.42	1.5	ANNUAL	ALL	5	
594521.9	4130229	0.09198	46.6	46.6	1.5	ANNUAL	ALL	5	
594541.9	4130229	0.09551	46.75	46.75	1.5	ANNUAL	ALL	5	
594561.9	4130229	0.09983	46.19	46.19	1.5	ANNUAL	ALL	5	
594581.9	4130229	0.10622	45.57	45.57	1.5	ANNUAL	ALL	5	
594421.9	4130249	0.08202	45.94	45.94	1.5	ANNUAL	ALL	5	
594441.9	4130249	0.08537	45.94	45.94	1.5	ANNUAL	ALL	5	
594461.9	4130249	0.08893	45.94	45.94	1.5	ANNUAL	ALL	5	
594481.9	4130249	0.0927	45.97	45.97	1.5	ANNUAL	ALL	5	
594501.9	4130249	0.09662	46.08	46.08	1.5	ANNUAL	ALL	5	
594521.9	4130249	0.10081	46.15	46.15	1.5	ANNUAL	ALL	5	
594561.9	4130249	0.11263	45.4	45.4	1.5	ANNUAL	ALL	5	
594581.9	4130249	0.11805	45	45	1.5	ANNUAL	ALL	5	
594421.9	4130269	0.08829	45.9	45.9	1.5	ANNUAL	ALL	5	
594441.9	4130269	0.0921	45.93	45.93	1.5	ANNUAL	ALL	5	
594461.9	4130269	0.09619	45.92	45.92	1.5	ANNUAL	ALL	5	
594421.9	4130289	0.09509	45.97	45.97	1.5	ANNUAL	ALL	5	
594441.9	4130289	0.09944	45.97	45.97	1.5	ANNUAL	ALL	5	
594461.9	4130289	0.10414	45.95	45.95	1.5	ANNUAL	ALL	5	
594421.9	4130309	0.10265	46	46	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594441.9	4130309	0.10755	46.04	46.04	1.5	ANNUAL	ALL	5	
594461.9	4130309	0.11296	45.97	45.97	1.5	ANNUAL	ALL	5	
594361.9	4130489	0.18167	42.59	42.59	1.5	ANNUAL	ALL	5	
594381.9	4130489	0.19445	42.59	42.59	1.5	ANNUAL	ALL	5	
594401.9	4130489	0.20882	42.5	42.5	1.5	ANNUAL	ALL	5	
594261.2	4129770	0.01625	47.77	47.77	1.5	ANNUAL	ALL	5	
594281.4	4129770	0.01629	47.78	47.78	1.5	ANNUAL	ALL	5	
594301.7	4129770	0.01638	47.68	47.68	1.5	ANNUAL	ALL	5	
594321.9	4129770	0.01648	47.73	47.73	1.5	ANNUAL	ALL	5	
594342.1	4129770	0.01666	47.62	47.62	1.5	ANNUAL	ALL	5	
594362.3	4129770	0.01686	47.63	47.63	1.5	ANNUAL	ALL	5	
594382.5	4129770	0.01714	47.58	47.58	1.5	ANNUAL	ALL	5	
594402.8	4129770	0.01752	47.37	47.37	1.5	ANNUAL	ALL	5	
594423	4129770	0.01793	47.36	47.36	1.5	ANNUAL	ALL	5	
594443.2	4129770	0.01846	47.21	47.21	1.5	ANNUAL	ALL	5	
594261.2	4129790	0.01708	47.73	47.73	1.5	ANNUAL	ALL	5	
594281.4	4129790	0.01711	47.63	47.63	1.5	ANNUAL	ALL	5	
594301.7	4129790	0.01716	47.64	47.64	1.5	ANNUAL	ALL	5	
594321.9	4129790	0.01722	47.78	47.78	1.5	ANNUAL	ALL	5	
594342.1	4129790	0.01732	47.98	47.98	1.5	ANNUAL	ALL	5	
594362.3	4129790	0.01758	47.46	47.46	1.5	ANNUAL	ALL	5	
594382.5	4129790	0.01783	47.4	47.4	1.5	ANNUAL	ALL	5	
594402.8	4129790	0.01817	47.22	47.22	1.5	ANNUAL	ALL	5	
594423	4129790	0.01856	47.19	47.19	1.5	ANNUAL	ALL	5	
594443.2	4129790	0.01903	47.21	47.21	1.5	ANNUAL	ALL	5	
594261.2	4129810	0.01798	47.82	47.82	1.5	ANNUAL	ALL	5	
594281.4	4129810	0.01796	47.95	47.95	1.5	ANNUAL	ALL	5	
594301.7	4129810	0.018	47.8	47.8	1.5	ANNUAL	ALL	5	
594321.9	4129810	0.01807	47.74	47.74	1.5	ANNUAL	ALL	5	
594342.1	4129810	0.01815	47.82	47.82	1.5	ANNUAL	ALL	5	
594362.3	4129810	0.01839	47.28	47.28	1.5	ANNUAL	ALL	5	
594382.5	4129810	0.01857	47.48	47.48	1.5	ANNUAL	ALL	5	
594402.8	4129810	0.01888	47.26	47.26	1.5	ANNUAL	ALL	5	
594423	4129810	0.01919	47.45	47.45	1.5	ANNUAL	ALL	5	
594443.2	4129810	0.01968	47.19	47.19	1.5	ANNUAL	ALL	5	
594261.2	4129850	0.02011	47.39	47.39	1.5	ANNUAL	ALL	5	
594281.4	4129850	0.02009	47.5	47.5	1.5	ANNUAL	ALL	5	
594301.7	4129850	0.02008	47.62	47.62	1.5	ANNUAL	ALL	5	
594321.9	4129850	0.02008	47.72	47.72	1.5	ANNUAL	ALL	5	
594342.1	4129850	0.02014	47.64	47.64	1.5	ANNUAL	ALL	5	
594362.3	4129850	0.02028	47.3	47.3	1.5	ANNUAL	ALL	5	
594382.5	4129850	0.02044	47.25	47.25	1.5	ANNUAL	ALL	5	
594402.8	4129850	0.02068	47.02	47.02	1.5	ANNUAL	ALL	5	
594423	4129850	0.02096	47.06	47.06	1.5	ANNUAL	ALL	5	
594443.2	4129850	0.02133	47.02	47.02	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594463.4	4129850	0.0218	46.96	46.96	1.5	ANNUAL	ALL	5	
594483.6	4129850	0.02237	46.99	46.99	1.5	ANNUAL	ALL	5	
594503.9	4129850	0.02309	46.95	46.95	1.5	ANNUAL	ALL	5	
594524.1	4129850	0.02393	47	47	1.5	ANNUAL	ALL	5	
594544.3	4129850	0.02492	47.1	47.1	1.5	ANNUAL	ALL	5	
594564.5	4129850	0.02609	47.14	47.14	1.5	ANNUAL	ALL	5	
594584.7	4129850	0.02743	47.25	47.25	1.5	ANNUAL	ALL	5	
594605	4129850	0.02898	47.31	47.31	1.5	ANNUAL	ALL	5	
594625.2	4129850	0.03073	47.4	47.4	1.5	ANNUAL	ALL	5	
594261.2	4129870	0.02127	47.43	47.43	1.5	ANNUAL	ALL	5	
594281.4	4129870	0.02131	47.21	47.21	1.5	ANNUAL	ALL	5	
594301.7	4129870	0.02127	47.6	47.6	1.5	ANNUAL	ALL	5	
594321.9	4129870	0.02131	47.4	47.4	1.5	ANNUAL	ALL	5	
594342.1	4129870	0.02132	47.54	47.54	1.5	ANNUAL	ALL	5	
594362.3	4129870	0.0214	47.44	47.44	1.5	ANNUAL	ALL	5	
594382.5	4129870	0.02155	47.21	47.21	1.5	ANNUAL	ALL	5	
594402.8	4129870	0.02175	47.06	47.06	1.5	ANNUAL	ALL	5	
594423	4129870	0.02199	47.03	47.03	1.5	ANNUAL	ALL	5	
594443.2	4129870	0.02235	46.88	46.88	1.5	ANNUAL	ALL	5	
594463.4	4129870	0.02276	46.93	46.93	1.5	ANNUAL	ALL	5	
594483.6	4129870	0.0233	46.92	46.92	1.5	ANNUAL	ALL	5	
594503.9	4129870	0.02396	46.94	46.94	1.5	ANNUAL	ALL	5	
594524.1	4129870	0.02477	46.98	46.98	1.5	ANNUAL	ALL	5	
594544.3	4129870	0.02576	47	47	1.5	ANNUAL	ALL	5	
594564.5	4129870	0.02691	47.08	47.08	1.5	ANNUAL	ALL	5	
594584.7	4129870	0.02825	47.18	47.18	1.5	ANNUAL	ALL	5	
594605	4129870	0.02981	47.27	47.27	1.5	ANNUAL	ALL	5	
594625.2	4129870	0.03167	47.16	47.16	1.5	ANNUAL	ALL	5	
594261.2	4129890	0.02256	47.16	47.16	1.5	ANNUAL	ALL	5	
594281.4	4129890	0.0226	47.13	47.13	1.5	ANNUAL	ALL	5	
594301.7	4129890	0.02261	47.25	47.25	1.5	ANNUAL	ALL	5	
594321.9	4129890	0.02266	47.06	47.06	1.5	ANNUAL	ALL	5	
594342.1	4129890	0.02269	47.1	47.1	1.5	ANNUAL	ALL	5	
594362.3	4129890	0.02274	47.13	47.13	1.5	ANNUAL	ALL	5	
594382.5	4129890	0.02284	47.05	47.05	1.5	ANNUAL	ALL	5	
594402.8	4129890	0.02298	47	47	1.5	ANNUAL	ALL	5	
594423	4129890	0.02318	46.99	46.99	1.5	ANNUAL	ALL	5	
594443.2	4129890	0.02351	46.79	46.79	1.5	ANNUAL	ALL	5	
594463.4	4129890	0.02391	46.73	46.73	1.5	ANNUAL	ALL	5	
594483.6	4129890	0.02438	46.79	46.79	1.5	ANNUAL	ALL	5	
594503.9	4129890	0.02502	46.75	46.75	1.5	ANNUAL	ALL	5	
594524.1	4129890	0.02576	46.9	46.9	1.5	ANNUAL	ALL	5	
594544.3	4129890	0.02672	46.89	46.89	1.5	ANNUAL	ALL	5	
594564.5	4129890	0.02781	47.07	47.07	1.5	ANNUAL	ALL	5	
594584.7	4129890	0.02909	47.34	47.34	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594301.7	4129930	0.02554	47.08	47.08	1.5	ANNUAL	ALL	5	
594321.9	4129930	0.02561	47.08	47.08	1.5	ANNUAL	ALL	5	
594342.1	4129930	0.02565	47.21	47.21	1.5	ANNUAL	ALL	5	
594362.3	4129930	0.02575	47.03	47.03	1.5	ANNUAL	ALL	5	
594423	4129930	0.02611	46.87	46.87	1.5	ANNUAL	ALL	5	
594443.2	4129930	0.02631	46.84	46.84	1.5	ANNUAL	ALL	5	
594301.7	4129950	0.02715	47.11	47.11	1.5	ANNUAL	ALL	5	
594321.9	4129950	0.02728	47.07	47.07	1.5	ANNUAL	ALL	5	
594342.1	4129950	0.02737	47.14	47.14	1.5	ANNUAL	ALL	5	
594362.3	4129950	0.02748	47.01	47.01	1.5	ANNUAL	ALL	5	
594402.8	4129950	0.02771	46.87	46.87	1.5	ANNUAL	ALL	5	
594423	4129950	0.02785	46.83	46.83	1.5	ANNUAL	ALL	5	
594443.2	4129950	0.02803	46.82	46.82	1.5	ANNUAL	ALL	5	
594463.4	4129950	0.02826	46.88	46.88	1.5	ANNUAL	ALL	5	
594402.8	4129970	0.02964	46.88	46.88	1.5	ANNUAL	ALL	5	
594423	4129970	0.0298	46.81	46.81	1.5	ANNUAL	ALL	5	
594443.2	4129970	0.02996	46.87	46.87	1.5	ANNUAL	ALL	5	
594463.4	4129970	0.03017	46.91	46.91	1.5	ANNUAL	ALL	5	
594261.2	4129990	0.03005	46.96	46.96	1.5	ANNUAL	ALL	5	
594281.4	4129990	0.03039	46.88	46.88	1.5	ANNUAL	ALL	5	
594301.7	4129990	0.03071	46.76	46.76	1.5	ANNUAL	ALL	5	
594321.9	4129990	0.03098	46.79	46.79	1.5	ANNUAL	ALL	5	
594342.1	4129990	0.03124	46.63	46.63	1.5	ANNUAL	ALL	5	
594362.3	4129990	0.03147	46.54	46.54	1.5	ANNUAL	ALL	5	
594423	4129990	0.03198	46.79	46.79	1.5	ANNUAL	ALL	5	
594443.2	4129990	0.03216	46.8	46.8	1.5	ANNUAL	ALL	5	
594463.4	4129990	0.03236	46.86	46.86	1.5	ANNUAL	ALL	5	
594342.1	4130010	0.03335	46.52	46.52	1.5	ANNUAL	ALL	5	
594362.3	4130010	0.03366	46.52	46.52	1.5	ANNUAL	ALL	5	
594382.5	4130010	0.03396	46.4	46.4	1.5	ANNUAL	ALL	5	
594423	4130010	0.03448	46.3	46.3	1.5	ANNUAL	ALL	5	
594342.1	4130030	0.03563	46.06	46.06	1.5	ANNUAL	ALL	5	
594362.3	4130030	0.03607	46.03	46.03	1.5	ANNUAL	ALL	5	
594382.5	4130030	0.03645	46.1	46.1	1.5	ANNUAL	ALL	5	
594423	4130030	0.03714	46.15	46.15	1.5	ANNUAL	ALL	5	
594321.9	4130050	0.03738	46.11	46.11	1.5	ANNUAL	ALL	5	
594342.1	4130050	0.03797	46.08	46.08	1.5	ANNUAL	ALL	5	
594362.3	4130050	0.03853	46.02	46.02	1.5	ANNUAL	ALL	5	
594382.5	4130050	0.03904	46.14	46.14	1.5	ANNUAL	ALL	5	
594423	4130050	0.03997	46.25	46.25	1.5	ANNUAL	ALL	5	
594443.2	4130050	0.04037	46.34	46.34	1.5	ANNUAL	ALL	5	
594463.4	4130050	0.04077	46.36	46.36	1.5	ANNUAL	ALL	5	
594443.2	4130090	0.04718	45.91	45.91	1.5	ANNUAL	ALL	5	
594463.4	4130090	0.04788	46.05	46.05	1.5	ANNUAL	ALL	5	
594321.9	4130110	0.04469	46.22	46.22	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594342.1	4130110	0.04574	46.15	46.15	1.5	ANNUAL	ALL	5	
594362.3	4130110	0.0469	45.72	45.72	1.5	ANNUAL	ALL	5	
594402.8	4130110	0.04896	45.82	45.82	1.5	ANNUAL	ALL	5	
594423	4130110	0.04991	46.03	46.03	1.5	ANNUAL	ALL	5	
594443.2	4130110	0.05091	45.98	45.98	1.5	ANNUAL	ALL	5	
594463.4	4130110	0.05186	46.01	46.01	1.5	ANNUAL	ALL	5	
594321.9	4130130	0.0475	45.91	45.91	1.5	ANNUAL	ALL	5	
594342.1	4130130	0.04874	45.82	45.82	1.5	ANNUAL	ALL	5	
594362.3	4130130	0.0507	45.47	45.47	1.5	ANNUAL	ALL	5	
594402.8	4130130	0.05238	46.12	46.12	1.5	ANNUAL	ALL	5	
594423	4130130	0.05356	46.34	46.34	1.5	ANNUAL	ALL	5	
594443.2	4130130	0.05492	46.02	46.02	1.5	ANNUAL	ALL	5	
594463.4	4130130	0.0562	45.86	45.86	1.5	ANNUAL	ALL	5	
594321.9	4130150	0.05123	45.64	45.64	1.5	ANNUAL	ALL	5	
594342.1	4130150	0.05264	45.56	45.56	1.5	ANNUAL	ALL	5	
594362.3	4130150	0.05412	45.36	45.36	1.5	ANNUAL	ALL	5	
594423	4130150	0.0574	46.7	46.7	1.5	ANNUAL	ALL	5	
594443.2	4130150	0.05908	46.34	46.34	1.5	ANNUAL	ALL	5	
594463.4	4130150	0.06066	46.24	46.24	1.5	ANNUAL	ALL	5	
594483.6	4130150	0.06224	46.1	46.1	1.5	ANNUAL	ALL	5	
594503.9	4130150	0.06379	46.02	46.02	1.5	ANNUAL	ALL	5	
594524.1	4130150	0.06524	46.08	46.08	1.5	ANNUAL	ALL	5	
594544.3	4130150	0.06676	45.96	45.96	1.5	ANNUAL	ALL	5	
594564.5	4130150	0.06836	45.71	45.71	1.5	ANNUAL	ALL	5	
594584.7	4130150	0.07184	45.58	45.58	1.5	ANNUAL	ALL	5	
594301.7	4130170	0.05291	45.46	45.46	1.5	ANNUAL	ALL	5	
594321.9	4130170	0.05446	45.36	45.36	1.5	ANNUAL	ALL	5	
594342.1	4130170	0.05606	45.38	45.38	1.5	ANNUAL	ALL	5	
594362.3	4130170	0.05771	45.44	45.44	1.5	ANNUAL	ALL	5	
594423	4130170	0.06156	46.88	46.88	1.5	ANNUAL	ALL	5	
594443.2	4130170	0.06345	46.77	46.77	1.5	ANNUAL	ALL	5	
594463.4	4130170	0.06535	46.72	46.72	1.5	ANNUAL	ALL	5	
594483.6	4130170	0.06726	46.67	46.67	1.5	ANNUAL	ALL	5	
594503.9	4130170	0.06925	46.51	46.51	1.5	ANNUAL	ALL	5	
594524.1	4130170	0.0712	46.41	46.41	1.5	ANNUAL	ALL	5	
594544.3	4130170	0.07317	46.26	46.26	1.5	ANNUAL	ALL	5	
594564.5	4130170	0.07529	45.88	45.88	1.5	ANNUAL	ALL	5	
594790.3	4129652	0.03823	49.15	49.15	1.5	ANNUAL	ALL	5	
594810.3	4129652	0.04064	49.15	49.15	1.5	ANNUAL	ALL	5	
594830.3	4129652	0.04335	49.14	49.14	1.5	ANNUAL	ALL	5	
594850.3	4129652	0.04637	49.18	49.18	1.5	ANNUAL	ALL	5	
594870.3	4129652	0.0498	49.15	49.15	1.5	ANNUAL	ALL	5	
594890.3	4129652	0.05372	48.97	48.97	1.5	ANNUAL	ALL	5	
594910.3	4129652	0.05803	48.87	48.87	1.5	ANNUAL	ALL	5	
594930.3	4129652	0.06273	48.81	48.81	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594950.3	4129652	0.06788	48.63	48.63	1.5	ANNUAL	ALL	5	
594970.3	4129652	0.07336	48.49	48.49	1.5	ANNUAL	ALL	5	
594990.3	4129652	0.07918	48.3	48.3	1.5	ANNUAL	ALL	5	
595010.3	4129652	0.08532	48.05	48.05	1.5	ANNUAL	ALL	5	
595030.3	4129652	0.09169	47.79	47.79	1.5	ANNUAL	ALL	5	
595050.3	4129652	0.09787	47.99	47.99	1.5	ANNUAL	ALL	5	
595070.3	4129652	0.10495	47.33	47.33	1.5	ANNUAL	ALL	5	
595090.3	4129652	0.11163	47.35	47.35	1.5	ANNUAL	ALL	5	
594790.3	4129672	0.03951	48.86	48.86	1.5	ANNUAL	ALL	5	
594810.3	4129672	0.04204	48.93	48.93	1.5	ANNUAL	ALL	5	
594830.3	4129672	0.04485	49.02	49.02	1.5	ANNUAL	ALL	5	
594850.3	4129672	0.04809	48.97	48.97	1.5	ANNUAL	ALL	5	
594870.3	4129672	0.05174	48.92	48.92	1.5	ANNUAL	ALL	5	
594890.3	4129672	0.05579	48.94	48.94	1.5	ANNUAL	ALL	5	
594910.3	4129672	0.06037	48.84	48.84	1.5	ANNUAL	ALL	5	
594930.3	4129672	0.06547	48.65	48.65	1.5	ANNUAL	ALL	5	
594950.3	4129672	0.07094	48.52	48.52	1.5	ANNUAL	ALL	5	
594970.3	4129672	0.07678	48.41	48.41	1.5	ANNUAL	ALL	5	
594990.3	4129672	0.08306	48.18	48.18	1.5	ANNUAL	ALL	5	
595010.3	4129672	0.08973	47.83	47.83	1.5	ANNUAL	ALL	5	
595030.3	4129672	0.09648	47.69	47.69	1.5	ANNUAL	ALL	5	
595050.3	4129672	0.10332	47.68	47.68	1.5	ANNUAL	ALL	5	
595090.3	4129672	0.11787	47.36	47.36	1.5	ANNUAL	ALL	5	
594790.3	4129692	0.04083	48.71	48.71	1.5	ANNUAL	ALL	5	
594810.3	4129692	0.04349	48.78	48.78	1.5	ANNUAL	ALL	5	
594830.3	4129692	0.04653	48.73	48.73	1.5	ANNUAL	ALL	5	
594850.3	4129692	0.04999	48.64	48.64	1.5	ANNUAL	ALL	5	
594870.3	4129692	0.05385	48.64	48.64	1.5	ANNUAL	ALL	5	
594890.3	4129692	0.05813	48.7	48.7	1.5	ANNUAL	ALL	5	
594910.3	4129692	0.06306	48.55	48.55	1.5	ANNUAL	ALL	5	
594930.3	4129692	0.06844	48.46	48.46	1.5	ANNUAL	ALL	5	
594950.3	4129692	0.07439	48.21	48.21	1.5	ANNUAL	ALL	5	
594970.3	4129692	0.08071	48.05	48.05	1.5	ANNUAL	ALL	5	
594990.3	4129692	0.08726	48.06	48.06	1.5	ANNUAL	ALL	5	
595010.3	4129692	0.09435	47.8	47.8	1.5	ANNUAL	ALL	5	
595050.3	4129692	0.10914	47.51	47.51	1.5	ANNUAL	ALL	5	
595070.3	4129692	0.11676	47.48	47.48	1.5	ANNUAL	ALL	5	
595090.3	4129692	0.12483	47.23	47.23	1.5	ANNUAL	ALL	5	
594790.3	4129712	0.04228	48.36	48.36	1.5	ANNUAL	ALL	5	
594810.3	4129712	0.04512	48.42	48.42	1.5	ANNUAL	ALL	5	
594830.3	4129712	0.04828	48.52	48.52	1.5	ANNUAL	ALL	5	
594850.3	4129712	0.05202	48.29	48.29	1.5	ANNUAL	ALL	5	
594870.3	4129712	0.05613	48.31	48.31	1.5	ANNUAL	ALL	5	
594890.3	4129712	0.0606	48.53	48.53	1.5	ANNUAL	ALL	5	
594910.3	4129712	0.06582	48.43	48.43	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594930.3	4129712	0.07163	48.27	48.27	1.5	ANNUAL	ALL	5	
595050.3	4129712	0.11534	47.48	47.48	1.5	ANNUAL	ALL	5	
595070.3	4129712	0.12366	47.39	47.39	1.5	ANNUAL	ALL	5	
595090.3	4129712	0.13238	47.17	47.17	1.5	ANNUAL	ALL	5	
595130.3	4129712	0.15112	46.45	46.45	1.5	ANNUAL	ALL	5	
595150.3	4129712	0.1611	46.11	46.11	1.5	ANNUAL	ALL	5	
595170.3	4129712	0.17153	45.84	45.84	1.5	ANNUAL	ALL	5	
594790.3	4129732	0.04379	48.09	48.09	1.5	ANNUAL	ALL	5	
594810.3	4129732	0.04676	48.25	48.25	1.5	ANNUAL	ALL	5	
594830.3	4129732	0.05013	48.35	48.35	1.5	ANNUAL	ALL	5	
594850.3	4129732	0.05398	48.33	48.33	1.5	ANNUAL	ALL	5	
594870.3	4129732	0.05838	48.27	48.27	1.5	ANNUAL	ALL	5	
594890.3	4129732	0.06331	48.27	48.27	1.5	ANNUAL	ALL	5	
594910.3	4129732	0.06885	48.23	48.23	1.5	ANNUAL	ALL	5	
594930.3	4129732	0.07515	47.98	47.98	1.5	ANNUAL	ALL	5	
594950.3	4129732	0.08189	47.9	47.9	1.5	ANNUAL	ALL	5	
594970.3	4129732	0.08915	47.8	47.8	1.5	ANNUAL	ALL	5	
594990.3	4129732	0.09684	47.74	47.74	1.5	ANNUAL	ALL	5	
595010.3	4129732	0.10488	47.7	47.7	1.5	ANNUAL	ALL	5	
595050.3	4129732	0.12238	47.24	47.24	1.5	ANNUAL	ALL	5	
595070.3	4129732	0.13128	47.26	47.26	1.5	ANNUAL	ALL	5	
595090.3	4129732	0.14056	47.2	47.2	1.5	ANNUAL	ALL	5	
595130.3	4129732	0.16113	46.39	46.39	1.5	ANNUAL	ALL	5	
595150.3	4129732	0.17234	45.88	45.88	1.5	ANNUAL	ALL	5	
595210.3	4129732	0.21436	45.68	45.68	1.5	ANNUAL	ALL	5	
595230.3	4129732	0.22884	45.67	45.67	1.5	ANNUAL	ALL	5	
595270.3	4129732	0.26156	45.17	45.17	1.5	ANNUAL	ALL	5	
595290.3	4129732	0.27946	44.96	44.96	1.5	ANNUAL	ALL	5	
594470.3	4129752	0.01876	47.62	47.62	1.5	ANNUAL	ALL	5	
594490.3	4129752	0.01946	47.72	47.72	1.5	ANNUAL	ALL	5	
594510.3	4129752	0.02026	47.78	47.78	1.5	ANNUAL	ALL	5	
594530.3	4129752	0.02117	47.86	47.86	1.5	ANNUAL	ALL	5	
594550.3	4129752	0.02226	47.58	47.58	1.5	ANNUAL	ALL	5	
594570.3	4129752	0.0234	47.65	47.65	1.5	ANNUAL	ALL	5	
594590.3	4129752	0.02467	47.72	47.72	1.5	ANNUAL	ALL	5	
594790.3	4129752	0.04536	47.91	47.91	1.5	ANNUAL	ALL	5	
594810.3	4129752	0.04855	48.01	48.01	1.5	ANNUAL	ALL	5	
594830.3	4129752	0.05213	48.09	48.09	1.5	ANNUAL	ALL	5	
594850.3	4129752	0.05629	47.99	47.99	1.5	ANNUAL	ALL	5	
594870.3	4129752	0.06086	48.14	48.14	1.5	ANNUAL	ALL	5	
594890.3	4129752	0.06607	48.2	48.2	1.5	ANNUAL	ALL	5	
594910.3	4129752	0.07204	48.12	48.12	1.5	ANNUAL	ALL	5	
594930.3	4129752	0.0787	48	48	1.5	ANNUAL	ALL	5	
594950.3	4129752	0.08593	47.94	47.94	1.5	ANNUAL	ALL	5	
594970.3	4129752	0.09372	47.89	47.89	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594990.3	4129752	0.1021	47.75	47.75	1.5	ANNUAL	ALL	5	
595010.3	4129752	0.11103	47.52	47.52	1.5	ANNUAL	ALL	5	
595050.3	4129752	0.13	47.09	47.09	1.5	ANNUAL	ALL	5	
595070.3	4129752	0.13976	47.06	47.06	1.5	ANNUAL	ALL	5	
595090.3	4129752	0.14996	46.95	46.95	1.5	ANNUAL	ALL	5	
595170.3	4129752	0.19699	45.71	45.71	1.5	ANNUAL	ALL	5	
595190.3	4129752	0.21009	45.71	45.71	1.5	ANNUAL	ALL	5	
595210.3	4129752	0.23118	45.65	45.65	1.5	ANNUAL	ALL	5	
595230.3	4129752	0.24726	45.65	45.65	1.5	ANNUAL	ALL	5	
595270.3	4129752	0.28341	45.33	45.33	1.5	ANNUAL	ALL	5	
595290.3	4129752	0.30336	45.04	45.04	1.5	ANNUAL	ALL	5	
594470.3	4129772	0.01932	47.2	47.2	1.5	ANNUAL	ALL	5	
594490.3	4129772	0.01995	47.61	47.61	1.5	ANNUAL	ALL	5	
594510.3	4129772	0.02081	47.36	47.36	1.5	ANNUAL	ALL	5	
594530.3	4129772	0.0217	47.53	47.53	1.5	ANNUAL	ALL	5	
594550.3	4129772	0.0228	47.29	47.29	1.5	ANNUAL	ALL	5	
594570.3	4129772	0.02395	47.46	47.46	1.5	ANNUAL	ALL	5	
594590.3	4129772	0.02524	47.57	47.57	1.5	ANNUAL	ALL	5	
594790.3	4129772	0.047	47.83	47.83	1.5	ANNUAL	ALL	5	
594810.3	4129772	0.05034	48.01	48.01	1.5	ANNUAL	ALL	5	
594830.3	4129772	0.05418	48.02	48.02	1.5	ANNUAL	ALL	5	
594850.3	4129772	0.05845	48.17	48.17	1.5	ANNUAL	ALL	5	
594870.3	4129772	0.06352	48	48	1.5	ANNUAL	ALL	5	
594890.3	4129772	0.06914	48.02	48.02	1.5	ANNUAL	ALL	5	
594910.3	4129772	0.07601	47.42	47.42	1.5	ANNUAL	ALL	5	
594930.3	4129772	0.08324	47.27	47.27	1.5	ANNUAL	ALL	5	
594950.3	4129772	0.09096	47.33	47.33	1.5	ANNUAL	ALL	5	
594970.3	4129772	0.0994	47.3	47.3	1.5	ANNUAL	ALL	5	
594990.3	4129772	0.1082	47.45	47.45	1.5	ANNUAL	ALL	5	
595010.3	4129772	0.11774	47.36	47.36	1.5	ANNUAL	ALL	5	
595050.3	4129772	0.1383	47.02	47.02	1.5	ANNUAL	ALL	5	
595070.3	4129772	0.14905	46.92	46.92	1.5	ANNUAL	ALL	5	
595090.3	4129772	0.15999	46.95	46.95	1.5	ANNUAL	ALL	5	
595170.3	4129772	0.21186	45.71	45.71	1.5	ANNUAL	ALL	5	
595190.3	4129772	0.23331	45.67	45.67	1.5	ANNUAL	ALL	5	
595230.3	4129772	0.26806	45.62	45.62	1.5	ANNUAL	ALL	5	
595250.3	4129772	0.27784	45.71	45.71	1.5	ANNUAL	ALL	5	
595270.3	4129772	0.3079	45.55	45.55	1.5	ANNUAL	ALL	5	
595290.3	4129772	0.33013	45.19	45.19	1.5	ANNUAL	ALL	5	
594470.3	4129792	0.01987	47.17	47.17	1.5	ANNUAL	ALL	5	
594490.3	4129792	0.02059	47.06	47.06	1.5	ANNUAL	ALL	5	
594510.3	4129792	0.02138	47.13	47.13	1.5	ANNUAL	ALL	5	
594530.3	4129792	0.02231	47.12	47.12	1.5	ANNUAL	ALL	5	
594550.3	4129792	0.02332	47.37	47.37	1.5	ANNUAL	ALL	5	
594570.3	4129792	0.02454	47.24	47.24	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594590.3	4129792	0.02589	47.24	47.24	1.5	ANNUAL	ALL	5	
594610.3	4129792	0.02736	47.37	47.37	1.5	ANNUAL	ALL	5	
594790.3	4129792	0.0487	47.83	47.83	1.5	ANNUAL	ALL	5	
594810.3	4129792	0.05222	48.06	48.06	1.5	ANNUAL	ALL	5	
594830.3	4129792	0.05631	48.04	48.04	1.5	ANNUAL	ALL	5	
594850.3	4129792	0.0611	47.82	47.82	1.5	ANNUAL	ALL	5	
594870.3	4129792	0.06633	47.94	47.94	1.5	ANNUAL	ALL	5	
594890.3	4129792	0.07245	47.84	47.84	1.5	ANNUAL	ALL	5	
594930.3	4129792	0.08747	47.26	47.26	1.5	ANNUAL	ALL	5	
594950.3	4129792	0.09579	47.35	47.35	1.5	ANNUAL	ALL	5	
594970.3	4129792	0.10496	47.3	47.3	1.5	ANNUAL	ALL	5	
594990.3	4129792	0.11495	47.1	47.1	1.5	ANNUAL	ALL	5	
595010.3	4129792	0.12551	46.9	46.9	1.5	ANNUAL	ALL	5	
595050.3	4129792	0.14759	46.86	46.86	1.5	ANNUAL	ALL	5	
595070.3	4129792	0.15933	46.79	46.79	1.5	ANNUAL	ALL	5	
595090.3	4129792	0.17157	46.69	46.69	1.5	ANNUAL	ALL	5	
595190.3	4129792	0.25255	45.69	45.69	1.5	ANNUAL	ALL	5	
595210.3	4129792	0.2713	45.67	45.67	1.5	ANNUAL	ALL	5	
595230.3	4129792	0.29139	45.68	45.68	1.5	ANNUAL	ALL	5	
595250.3	4129792	0.31297	45.65	45.65	1.5	ANNUAL	ALL	5	
595270.3	4129792	0.33645	45.31	45.31	1.5	ANNUAL	ALL	5	
595290.3	4129792	0.36114	44.96	44.96	1.5	ANNUAL	ALL	5	
595310.3	4129792	0.38589	45	45	1.5	ANNUAL	ALL	5	
595330.3	4129792	0.41161	44.84	44.84	1.5	ANNUAL	ALL	5	
594470.3	4129812	0.02052	47.07	47.07	1.5	ANNUAL	ALL	5	
594490.3	4129812	0.02122	46.93	46.93	1.5	ANNUAL	ALL	5	
594510.3	4129812	0.02198	47.1	47.1	1.5	ANNUAL	ALL	5	
594530.3	4129812	0.0229	47.07	47.07	1.5	ANNUAL	ALL	5	
594550.3	4129812	0.02391	47.3	47.3	1.5	ANNUAL	ALL	5	
594570.3	4129812	0.02513	47.27	47.27	1.5	ANNUAL	ALL	5	
594590.3	4129812	0.02647	47.43	47.43	1.5	ANNUAL	ALL	5	
594610.3	4129812	0.02802	47.37	47.37	1.5	ANNUAL	ALL	5	
594790.3	4129812	0.0506	47.62	47.62	1.5	ANNUAL	ALL	5	
594810.3	4129812	0.0544	47.77	47.77	1.5	ANNUAL	ALL	5	
594830.3	4129812	0.05875	47.8	47.8	1.5	ANNUAL	ALL	5	
594850.3	4129812	0.06388	47.57	47.57	1.5	ANNUAL	ALL	5	
594870.3	4129812	0.06956	47.61	47.61	1.5	ANNUAL	ALL	5	
594890.3	4129812	0.07608	47.6	47.6	1.5	ANNUAL	ALL	5	
594950.3	4129812	0.10119	47.26	47.26	1.5	ANNUAL	ALL	5	
594970.3	4129812	0.11113	47.24	47.24	1.5	ANNUAL	ALL	5	
594990.3	4129812	0.12221	46.89	46.89	1.5	ANNUAL	ALL	5	
595010.3	4129812	0.1336	46.8	46.8	1.5	ANNUAL	ALL	5	
595050.3	4129812	0.15782	46.75	46.75	1.5	ANNUAL	ALL	5	
595070.3	4129812	0.17077	46.65	46.65	1.5	ANNUAL	ALL	5	
595090.3	4129812	0.18417	46.6	46.6	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129812	0.27439	45.68	45.68	1.5	ANNUAL	ALL	5	
595210.3	4129812	0.29544	45.67	45.67	1.5	ANNUAL	ALL	5	
595250.3	4129812	0.34335	45.08	45.08	1.5	ANNUAL	ALL	5	
595270.3	4129812	0.36882	45.11	45.11	1.5	ANNUAL	ALL	5	
595310.3	4129812	0.4231	44.98	44.98	1.5	ANNUAL	ALL	5	
595350.3	4129812	0.47932	44.65	44.65	1.5	ANNUAL	ALL	5	
594790.3	4129832	0.05256	47.56	47.56	1.5	ANNUAL	ALL	5	
594810.3	4129832	0.05661	47.71	47.71	1.5	ANNUAL	ALL	5	
594830.3	4129832	0.06124	47.77	47.77	1.5	ANNUAL	ALL	5	
594850.3	4129832	0.06679	47.45	47.45	1.5	ANNUAL	ALL	5	
594870.3	4129832	0.07281	47.58	47.58	1.5	ANNUAL	ALL	5	
594890.3	4129832	0.0799	47.48	47.48	1.5	ANNUAL	ALL	5	
594950.3	4129832	0.10691	47.32	47.32	1.5	ANNUAL	ALL	5	
594970.3	4129832	0.11783	47.23	47.23	1.5	ANNUAL	ALL	5	
594990.3	4129832	0.13018	46.71	46.71	1.5	ANNUAL	ALL	5	
595010.3	4129832	0.14262	46.66	46.66	1.5	ANNUAL	ALL	5	
595050.3	4129832	0.16936	46.55	46.55	1.5	ANNUAL	ALL	5	
595070.3	4129832	0.18365	46.46	46.46	1.5	ANNUAL	ALL	5	
595090.3	4129832	0.19845	46.43	46.43	1.5	ANNUAL	ALL	5	
595270.3	4129832	0.40555	44.97	44.97	1.5	ANNUAL	ALL	5	
595310.3	4129832	0.46558	44.84	44.84	1.5	ANNUAL	ALL	5	
595330.3	4129832	0.49597	44.79	44.79	1.5	ANNUAL	ALL	5	
595350.3	4129832	0.52613	44.68	44.68	1.5	ANNUAL	ALL	5	
594790.3	4129852	0.05461	47.59	47.59	1.5	ANNUAL	ALL	5	
594810.3	4129852	0.05893	47.75	47.75	1.5	ANNUAL	ALL	5	
594830.3	4129852	0.06412	47.4	47.4	1.5	ANNUAL	ALL	5	
594850.3	4129852	0.06997	47.26	47.26	1.5	ANNUAL	ALL	5	
594870.3	4129852	0.07665	47.17	47.17	1.5	ANNUAL	ALL	5	
594890.3	4129852	0.08417	47.24	47.24	1.5	ANNUAL	ALL	5	
594950.3	4129852	0.11356	47.11	47.11	1.5	ANNUAL	ALL	5	
594970.3	4129852	0.12573	46.87	46.87	1.5	ANNUAL	ALL	5	
594990.3	4129852	0.13897	46.56	46.56	1.5	ANNUAL	ALL	5	
595010.3	4129852	0.15251	46.6	46.6	1.5	ANNUAL	ALL	5	
595050.3	4129852	0.1821	46.44	46.44	1.5	ANNUAL	ALL	5	
595070.3	4129852	0.19798	46.32	46.32	1.5	ANNUAL	ALL	5	
595090.3	4129852	0.21436	46.32	46.32	1.5	ANNUAL	ALL	5	
595290.3	4129852	0.47983	44.98	44.98	1.5	ANNUAL	ALL	5	
595310.3	4129852	0.51333	44.85	44.85	1.5	ANNUAL	ALL	5	
595330.3	4129852	0.54623	44.84	44.84	1.5	ANNUAL	ALL	5	
594790.3	4129912	0.06217	46.78	46.78	1.5	ANNUAL	ALL	5	
594810.3	4129912	0.0674	47.19	47.19	1.5	ANNUAL	ALL	5	
594830.3	4129912	0.07368	47.09	47.09	1.5	ANNUAL	ALL	5	
594850.3	4129912	0.08119	46.7	46.7	1.5	ANNUAL	ALL	5	
594870.3	4129912	0.08951	46.74	46.74	1.5	ANNUAL	ALL	5	
594890.3	4129912	0.09939	46.6	46.6	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594910.3	4129912	0.11074	46.52	46.52	1.5	ANNUAL	ALL	5	
594930.3	4129912	0.12375	46.39	46.39	1.5	ANNUAL	ALL	5	
594950.3	4129912	0.13848	46.19	46.19	1.5	ANNUAL	ALL	5	
594970.3	4129912	0.15481	45.97	45.97	1.5	ANNUAL	ALL	5	
594990.3	4129912	0.17257	45.75	45.75	1.5	ANNUAL	ALL	5	
595010.3	4129912	0.19046	46.09	46.09	1.5	ANNUAL	ALL	5	
595030.3	4129912	0.21041	45.97	45.97	1.5	ANNUAL	ALL	5	
595050.3	4129912	0.23136	45.89	45.89	1.5	ANNUAL	ALL	5	
595090.3	4129912	0.28474	45.52	45.52	1.5	ANNUAL	ALL	5	
595110.3	4129912	0.31094	45.59	45.59	1.5	ANNUAL	ALL	5	
595130.3	4129912	0.33983	45.47	45.47	1.5	ANNUAL	ALL	5	
595150.3	4129912	0.37101	45.48	45.48	1.5	ANNUAL	ALL	5	
595170.3	4129912	0.40504	45.47	45.47	1.5	ANNUAL	ALL	5	
595190.3	4129912	0.44179	45.48	45.48	1.5	ANNUAL	ALL	5	
595210.3	4129912	0.48184	45.3	45.3	1.5	ANNUAL	ALL	5	
595230.3	4129912	0.52578	44.69	44.69	1.5	ANNUAL	ALL	5	
595250.3	4129912	0.56935	44.65	44.65	1.5	ANNUAL	ALL	5	
595270.3	4129912	0.61372	44.61	44.61	1.5	ANNUAL	ALL	5	
595290.3	4129912	0.65631	44.94	44.94	1.5	ANNUAL	ALL	5	
595310.3	4129912	0.70201	44.34	44.34	1.5	ANNUAL	ALL	5	
595330.3	4129912	0.74436	44.06	44.06	1.5	ANNUAL	ALL	5	
595350.3	4129912	0.78146	44.33	44.33	1.5	ANNUAL	ALL	5	
595370.3	4129912	0.8171	44.2	44.2	1.5	ANNUAL	ALL	5	
595390.3	4129912	0.84924	44.02	44.02	1.5	ANNUAL	ALL	5	
595430.3	4129912	0.90064	43.83	43.83	1.5	ANNUAL	ALL	5	
595450.3	4129912	0.91875	44.05	44.05	1.5	ANNUAL	ALL	5	
594790.3	4129932	0.06514	46.42	46.42	1.5	ANNUAL	ALL	5	
594810.3	4129932	0.07101	46.53	46.53	1.5	ANNUAL	ALL	5	
594830.3	4129932	0.07784	46.45	46.45	1.5	ANNUAL	ALL	5	
594850.3	4129932	0.08581	46.31	46.31	1.5	ANNUAL	ALL	5	
594870.3	4129932	0.09511	46.16	46.16	1.5	ANNUAL	ALL	5	
594890.3	4129932	0.10585	46.11	46.11	1.5	ANNUAL	ALL	5	
594910.3	4129932	0.1188	45.73	45.73	1.5	ANNUAL	ALL	5	
594930.3	4129932	0.13279	45.86	45.86	1.5	ANNUAL	ALL	5	
594950.3	4129932	0.15392	45.7	45.7	1.5	ANNUAL	ALL	5	
594970.3	4129932	0.17201	45.49	45.49	1.5	ANNUAL	ALL	5	
594990.3	4129932	0.19141	45.55	45.55	1.5	ANNUAL	ALL	5	
595010.3	4129932	0.21233	45.59	45.59	1.5	ANNUAL	ALL	5	
595030.3	4129932	0.23519	45.35	45.35	1.5	ANNUAL	ALL	5	
595050.3	4129932	0.2591	45.43	45.43	1.5	ANNUAL	ALL	5	
595090.3	4129932	0.31278	45.36	45.36	1.5	ANNUAL	ALL	5	
595110.3	4129932	0.34302	45.32	45.32	1.5	ANNUAL	ALL	5	
595130.3	4129932	0.37622	45.21	45.21	1.5	ANNUAL	ALL	5	
595150.3	4129932	0.41184	45.32	45.32	1.5	ANNUAL	ALL	5	
595170.3	4129932	0.45097	45.32	45.32	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595190.3	4129932	0.49391	45.14	45.14	1.5	ANNUAL	ALL	5	
595210.3	4129932	0.53942	45.04	45.04	1.5	ANNUAL	ALL	5	
595250.3	4129932	0.6365	44.8	44.8	1.5	ANNUAL	ALL	5	
595270.3	4129932	0.68562	44.78	44.78	1.5	ANNUAL	ALL	5	
595290.3	4129932	0.73571	44.41	44.41	1.5	ANNUAL	ALL	5	
595310.3	4129932	0.7832	44.2	44.2	1.5	ANNUAL	ALL	5	
595330.3	4129932	0.82818	43.93	43.93	1.5	ANNUAL	ALL	5	
595350.3	4129932	0.86681	44.19	44.19	1.5	ANNUAL	ALL	5	
595370.3	4129932	0.90471	43.79	43.79	1.5	ANNUAL	ALL	5	
595390.3	4129932	0.93553	43.87	43.87	1.5	ANNUAL	ALL	5	
595430.3	4129932	0.98474	43.72	43.72	1.5	ANNUAL	ALL	5	
595450.3	4129932	1.00161	43.8	43.8	1.5	ANNUAL	ALL	5	
594790.3	4129952	0.06828	46.19	46.19	1.5	ANNUAL	ALL	5	
594810.3	4129952	0.07474	46.14	46.14	1.5	ANNUAL	ALL	5	
594830.3	4129952	0.08219	46.03	46.03	1.5	ANNUAL	ALL	5	
594850.3	4129952	0.0908	45.97	45.97	1.5	ANNUAL	ALL	5	
594870.3	4129952	0.10095	45.84	45.84	1.5	ANNUAL	ALL	5	
594890.3	4129952	0.11279	45.76	45.76	1.5	ANNUAL	ALL	5	
594910.3	4129952	0.12645	45.76	45.76	1.5	ANNUAL	ALL	5	
594930.3	4129952	0.14744	45.58	45.58	1.5	ANNUAL	ALL	5	
594950.3	4129952	0.16558	45.45	45.45	1.5	ANNUAL	ALL	5	
594970.3	4129952	0.18563	45.38	45.38	1.5	ANNUAL	ALL	5	
594990.3	4129952	0.20749	45.36	45.36	1.5	ANNUAL	ALL	5	
595010.3	4129952	0.2313	45.25	45.25	1.5	ANNUAL	ALL	5	
595030.3	4129952	0.25681	45.2	45.2	1.5	ANNUAL	ALL	5	
595050.3	4129952	0.28409	45.2	45.2	1.5	ANNUAL	ALL	5	
595090.3	4129952	0.34526	45.21	45.21	1.5	ANNUAL	ALL	5	
595110.3	4129952	0.37977	45.27	45.27	1.5	ANNUAL	ALL	5	
595130.3	4129952	0.41847	45.04	45.04	1.5	ANNUAL	ALL	5	
595150.3	4129952	0.45963	45.17	45.17	1.5	ANNUAL	ALL	5	
595170.3	4129952	0.50548	45.02	45.02	1.5	ANNUAL	ALL	5	
595190.3	4129952	0.55584	44.64	44.64	1.5	ANNUAL	ALL	5	
595210.3	4129952	0.60826	44.5	44.5	1.5	ANNUAL	ALL	5	
595250.3	4129952	0.71512	44.82	44.82	1.5	ANNUAL	ALL	5	
595290.3	4129952	0.82339	44.55	44.55	1.5	ANNUAL	ALL	5	
595310.3	4129952	0.87467	44.27	44.27	1.5	ANNUAL	ALL	5	
595330.3	4129952	0.92292	43.85	43.85	1.5	ANNUAL	ALL	5	
595350.3	4129952	0.96234	44.14	44.14	1.5	ANNUAL	ALL	5	
595370.3	4129952	0.99964	43.91	43.91	1.5	ANNUAL	ALL	5	
595390.3	4129952	1.03072	43.82	43.82	1.5	ANNUAL	ALL	5	
595430.3	4129952	1.07709	43.56	43.56	1.5	ANNUAL	ALL	5	
595450.3	4129952	1.09129	43.64	43.64	1.5	ANNUAL	ALL	5	
594510.3	4129972	0.03126	46.83	46.83	1.5	ANNUAL	ALL	5	
594530.3	4129972	0.03178	47.03	47.03	1.5	ANNUAL	ALL	5	
594550.3	4129972	0.03257	46.99	46.99	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595090.3	4129972	0.38329	45.01	45.01	1.5	ANNUAL	ALL	5	
595110.3	4129972	0.42383	44.91	44.91	1.5	ANNUAL	ALL	5	
595130.3	4129972	0.46815	44.88	44.88	1.5	ANNUAL	ALL	5	
595150.3	4129972	0.51615	44.99	44.99	1.5	ANNUAL	ALL	5	
595170.3	4129972	0.56967	44.78	44.78	1.5	ANNUAL	ALL	5	
595190.3	4129972	0.62721	44.54	44.54	1.5	ANNUAL	ALL	5	
595210.3	4129972	0.68636	44.57	44.57	1.5	ANNUAL	ALL	5	
595230.3	4129972	0.74853	44.35	44.35	1.5	ANNUAL	ALL	5	
595250.3	4129972	0.80664	44.85	44.85	1.5	ANNUAL	ALL	5	
595270.3	4129972	0.8672	44.7	44.7	1.5	ANNUAL	ALL	5	
595290.3	4129972	0.92674	44.28	44.28	1.5	ANNUAL	ALL	5	
595310.3	4129972	0.98075	44.07	44.07	1.5	ANNUAL	ALL	5	
595330.3	4129972	1.03069	43.7	43.7	1.5	ANNUAL	ALL	5	
595350.3	4129972	1.07014	44.02	44.02	1.5	ANNUAL	ALL	5	
595370.3	4129972	1.1064	43.88	43.88	1.5	ANNUAL	ALL	5	
595390.3	4129972	1.13652	43.71	43.71	1.5	ANNUAL	ALL	5	
595430.3	4129972	1.17742	43.48	43.48	1.5	ANNUAL	ALL	5	
595450.3	4129972	1.18794	43.56	43.56	1.5	ANNUAL	ALL	5	
594510.3	4129992	0.0334	46.81	46.81	1.5	ANNUAL	ALL	5	
594530.3	4129992	0.0339	46.88	46.88	1.5	ANNUAL	ALL	5	
594550.3	4129992	0.03457	46.99	46.99	1.5	ANNUAL	ALL	5	
594790.3	4129992	0.07523	45.96	45.96	1.5	ANNUAL	ALL	5	
594810.3	4129992	0.08271	46.02	46.02	1.5	ANNUAL	ALL	5	
594830.3	4129992	0.09141	45.97	45.97	1.5	ANNUAL	ALL	5	
594850.3	4129992	0.10162	45.88	45.88	1.5	ANNUAL	ALL	5	
594870.3	4129992	0.11368	45.78	45.78	1.5	ANNUAL	ALL	5	
594890.3	4129992	0.13295	45.68	45.68	1.5	ANNUAL	ALL	5	
594910.3	4129992	0.15033	45.53	45.53	1.5	ANNUAL	ALL	5	
594930.3	4129992	0.17026	45.47	45.47	1.5	ANNUAL	ALL	5	
594950.3	4129992	0.19298	45.34	45.34	1.5	ANNUAL	ALL	5	
594970.3	4129992	0.21843	45.21	45.21	1.5	ANNUAL	ALL	5	
595010.3	4129992	0.27709	45.01	45.01	1.5	ANNUAL	ALL	5	
595030.3	4129992	0.31011	45	45	1.5	ANNUAL	ALL	5	
595050.3	4129992	0.34601	44.95	44.95	1.5	ANNUAL	ALL	5	
595090.3	4129992	0.4281	44.79	44.79	1.5	ANNUAL	ALL	5	
595110.3	4129992	0.47504	44.8	44.8	1.5	ANNUAL	ALL	5	
595130.3	4129992	0.52706	44.73	44.73	1.5	ANNUAL	ALL	5	
595150.3	4129992	0.58354	44.77	44.77	1.5	ANNUAL	ALL	5	
595170.3	4129992	0.64636	44.48	44.48	1.5	ANNUAL	ALL	5	
595190.3	4129992	0.71097	44.6	44.6	1.5	ANNUAL	ALL	5	
595210.3	4129992	0.77893	44.58	44.58	1.5	ANNUAL	ALL	5	
595230.3	4129992	0.8498	44.27	44.27	1.5	ANNUAL	ALL	5	
595250.3	4129992	0.9172	44.36	44.36	1.5	ANNUAL	ALL	5	
595270.3	4129992	0.98284	44.3	44.3	1.5	ANNUAL	ALL	5	
595290.3	4129992	1.0461	43.97	43.97	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595310.3	4129992	1.10141	43.94	43.94	1.5	ANNUAL	ALL	5	
595330.3	4129992	1.15211	43.63	43.63	1.5	ANNUAL	ALL	5	
595350.3	4129992	1.19111	43.91	43.91	1.5	ANNUAL	ALL	5	
595370.3	4129992	1.22515	43.86	43.86	1.5	ANNUAL	ALL	5	
595390.3	4129992	1.25225	43.75	43.75	1.5	ANNUAL	ALL	5	
595430.3	4129992	1.28646	43.39	43.39	1.5	ANNUAL	ALL	5	
595450.3	4129992	1.2918	43.51	43.51	1.5	ANNUAL	ALL	5	
594510.3	4130012	0.03587	46.78	46.78	1.5	ANNUAL	ALL	5	
594550.3	4130012	0.03699	46.82	46.82	1.5	ANNUAL	ALL	5	
594790.3	4130012	0.07926	45.75	45.75	1.5	ANNUAL	ALL	5	
594810.3	4130012	0.08728	45.92	45.92	1.5	ANNUAL	ALL	5	
594830.3	4130012	0.0969	45.75	45.75	1.5	ANNUAL	ALL	5	
594850.3	4130012	0.11194	45.64	45.64	1.5	ANNUAL	ALL	5	
594870.3	4130012	0.12593	45.52	45.52	1.5	ANNUAL	ALL	5	
594890.3	4130012	0.14233	45.5	45.5	1.5	ANNUAL	ALL	5	
594910.3	4130012	0.16164	45.39	45.39	1.5	ANNUAL	ALL	5	
594930.3	4130012	0.18396	45.34	45.34	1.5	ANNUAL	ALL	5	
594950.3	4130012	0.20965	45.17	45.17	1.5	ANNUAL	ALL	5	
594970.3	4130012	0.23853	45.04	45.04	1.5	ANNUAL	ALL	5	
595010.3	4130012	0.3055	44.88	44.88	1.5	ANNUAL	ALL	5	
595030.3	4130012	0.34336	44.92	44.92	1.5	ANNUAL	ALL	5	
595050.3	4130012	0.38514	44.79	44.79	1.5	ANNUAL	ALL	5	
595090.3	4130012	0.48043	44.78	44.78	1.5	ANNUAL	ALL	5	
595110.3	4130012	0.53615	44.66	44.66	1.5	ANNUAL	ALL	5	
595150.3	4130012	0.66534	44.36	44.36	1.5	ANNUAL	ALL	5	
595170.3	4130012	0.7371	44.37	44.37	1.5	ANNUAL	ALL	5	
595230.3	4130012	0.96871	44.26	44.26	1.5	ANNUAL	ALL	5	
595250.3	4130012	1.04268	44.4	44.4	1.5	ANNUAL	ALL	5	
595270.3	4130012	1.11496	44.19	44.19	1.5	ANNUAL	ALL	5	
595290.3	4130012	1.1825	43.8	43.8	1.5	ANNUAL	ALL	5	
595310.3	4130012	1.23989	43.71	43.71	1.5	ANNUAL	ALL	5	
595330.3	4130012	1.28955	43.53	43.53	1.5	ANNUAL	ALL	5	
595350.3	4130012	1.32638	43.83	43.83	1.5	ANNUAL	ALL	5	
595370.3	4130012	1.35757	43.76	43.76	1.5	ANNUAL	ALL	5	
595390.3	4130012	1.38035	43.68	43.68	1.5	ANNUAL	ALL	5	
595430.3	4130012	1.40425	43.29	43.29	1.5	ANNUAL	ALL	5	
595450.3	4130012	1.40302	43.42	43.42	1.5	ANNUAL	ALL	5	
594490.3	4130032	0.03849	46.29	46.29	1.5	ANNUAL	ALL	5	
594510.3	4130032	0.03877	46.59	46.59	1.5	ANNUAL	ALL	5	
594530.3	4130032	0.03925	46.58	46.58	1.5	ANNUAL	ALL	5	
594570.3	4130032	0.04063	46.62	46.62	1.5	ANNUAL	ALL	5	
594790.3	4130032	0.08615	45.51	45.51	1.5	ANNUAL	ALL	5	
594810.3	4130032	0.09537	45.54	45.54	1.5	ANNUAL	ALL	5	
594830.3	4130032	0.10631	45.44	45.44	1.5	ANNUAL	ALL	5	
594850.3	4130032	0.11921	45.41	45.41	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594870.3	4130032	0.13466	45.28	45.28	1.5	ANNUAL	ALL	5	
594890.3	4130032	0.15287	45.26	45.26	1.5	ANNUAL	ALL	5	
594910.3	4130032	0.17453	45.12	45.12	1.5	ANNUAL	ALL	5	
594930.3	4130032	0.19971	45.07	45.07	1.5	ANNUAL	ALL	5	
594950.3	4130032	0.22893	44.88	44.88	1.5	ANNUAL	ALL	5	
594970.3	4130032	0.26178	44.82	44.82	1.5	ANNUAL	ALL	5	
595010.3	4130032	0.33891	44.66	44.66	1.5	ANNUAL	ALL	5	
595030.3	4130032	0.38307	44.63	44.63	1.5	ANNUAL	ALL	5	
595050.3	4130032	0.43146	44.62	44.62	1.5	ANNUAL	ALL	5	
595090.3	4130032	0.54454	44.44	44.44	1.5	ANNUAL	ALL	5	
595150.3	4130032	0.76283	44.17	44.17	1.5	ANNUAL	ALL	5	
595170.3	4130032	0.84689	44.19	44.19	1.5	ANNUAL	ALL	5	
595230.3	4130032	1.1107	44.09	44.09	1.5	ANNUAL	ALL	5	
595250.3	4130032	1.19123	44.27	44.27	1.5	ANNUAL	ALL	5	
595270.3	4130032	1.2681	44.11	44.11	1.5	ANNUAL	ALL	5	
595290.3	4130032	1.33819	43.76	43.76	1.5	ANNUAL	ALL	5	
595310.3	4130032	1.39712	43.54	43.54	1.5	ANNUAL	ALL	5	
595330.3	4130032	1.44551	43.33	43.33	1.5	ANNUAL	ALL	5	
595350.3	4130032	1.47775	43.71	43.71	1.5	ANNUAL	ALL	5	
595370.3	4130032	1.50376	43.68	43.68	1.5	ANNUAL	ALL	5	
595390.3	4130032	1.52134	43.52	43.52	1.5	ANNUAL	ALL	5	
595430.3	4130032	1.53028	43.19	43.19	1.5	ANNUAL	ALL	5	
595450.3	4130032	1.5209	43.29	43.29	1.5	ANNUAL	ALL	5	
594490.3	4130052	0.04168	46.24	46.24	1.5	ANNUAL	ALL	5	
594510.3	4130052	0.04198	46.62	46.62	1.5	ANNUAL	ALL	5	
594530.3	4130052	0.0424	46.76	46.76	1.5	ANNUAL	ALL	5	
594550.3	4130052	0.04301	46.7	46.7	1.5	ANNUAL	ALL	5	
594570.3	4130052	0.04379	46.63	46.63	1.5	ANNUAL	ALL	5	
594590.3	4130052	0.04481	46.57	46.57	1.5	ANNUAL	ALL	5	
594790.3	4130052	0.08816	45.73	45.73	1.5	ANNUAL	ALL	5	
594810.3	4130052	0.10105	45.52	45.52	1.5	ANNUAL	ALL	5	
594830.3	4130052	0.11292	45.48	45.48	1.5	ANNUAL	ALL	5	
594850.3	4130052	0.12713	45.38	45.38	1.5	ANNUAL	ALL	5	
594870.3	4130052	0.14419	45.25	45.25	1.5	ANNUAL	ALL	5	
594890.3	4130052	0.16443	45.25	45.25	1.5	ANNUAL	ALL	5	
594910.3	4130052	0.18865	45.16	45.16	1.5	ANNUAL	ALL	5	
594930.3	4130052	0.21736	44.98	44.98	1.5	ANNUAL	ALL	5	
594950.3	4130052	0.25052	44.87	44.87	1.5	ANNUAL	ALL	5	
594970.3	4130052	0.28833	44.77	44.77	1.5	ANNUAL	ALL	5	
595010.3	4130052	0.37774	44.59	44.59	1.5	ANNUAL	ALL	5	
595030.3	4130052	0.42978	44.46	44.46	1.5	ANNUAL	ALL	5	
595050.3	4130052	0.48707	44.38	44.38	1.5	ANNUAL	ALL	5	
595090.3	4130052	0.62157	44.21	44.21	1.5	ANNUAL	ALL	5	
595150.3	4130052	0.88091	44.05	44.05	1.5	ANNUAL	ALL	5	
595170.3	4130052	0.97998	44.02	44.02	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595210.3	4130052	1.17914	44.28	44.28	1.5	ANNUAL	ALL	5	
595230.3	4130052	1.27869	43.96	43.96	1.5	ANNUAL	ALL	5	
595250.3	4130052	1.36438	44.25	44.25	1.5	ANNUAL	ALL	5	
595270.3	4130052	1.44396	44.2	44.2	1.5	ANNUAL	ALL	5	
595430.3	4130052	1.66361	43.08	43.08	1.5	ANNUAL	ALL	5	
595450.3	4130052	1.64288	43.26	43.26	1.5	ANNUAL	ALL	5	
594490.3	4130072	0.04526	46.16	46.16	1.5	ANNUAL	ALL	5	
594510.3	4130072	0.04562	46.59	46.59	1.5	ANNUAL	ALL	5	
594550.3	4130072	0.04671	46.73	46.73	1.5	ANNUAL	ALL	5	
594570.3	4130072	0.04769	46.28	46.28	1.5	ANNUAL	ALL	5	
594790.3	4130072	0.09647	45.62	45.62	1.5	ANNUAL	ALL	5	
594810.3	4130072	0.10725	45.65	45.65	1.5	ANNUAL	ALL	5	
594830.3	4130072	0.1202	45.61	45.61	1.5	ANNUAL	ALL	5	
594850.3	4130072	0.13576	45.54	45.54	1.5	ANNUAL	ALL	5	
594870.3	4130072	0.15486	45.22	45.22	1.5	ANNUAL	ALL	5	
594890.3	4130072	0.17768	45.09	45.09	1.5	ANNUAL	ALL	5	
594910.3	4130072	0.20489	45.09	45.09	1.5	ANNUAL	ALL	5	
594930.3	4130072	0.23734	45.01	45.01	1.5	ANNUAL	ALL	5	
594950.3	4130072	0.27515	44.99	44.99	1.5	ANNUAL	ALL	5	
594970.3	4130072	0.31953	44.64	44.64	1.5	ANNUAL	ALL	5	
595010.3	4130072	0.42423	44.42	44.42	1.5	ANNUAL	ALL	5	
595030.3	4130072	0.48545	44.35	44.35	1.5	ANNUAL	ALL	5	
595050.3	4130072	0.55382	44.22	44.22	1.5	ANNUAL	ALL	5	
595090.3	4130072	0.71452	44.17	44.17	1.5	ANNUAL	ALL	5	
595110.3	4130072	0.80974	44.05	44.05	1.5	ANNUAL	ALL	5	
595150.3	4130072	1.02508	43.99	43.99	1.5	ANNUAL	ALL	5	
595210.3	4130072	1.37138	43.93	43.93	1.5	ANNUAL	ALL	5	
595230.3	4130072	1.47911	43.75	43.75	1.5	ANNUAL	ALL	5	
595250.3	4130072	1.57087	43.96	43.96	1.5	ANNUAL	ALL	5	
595270.3	4130072	1.65279	43.88	43.88	1.5	ANNUAL	ALL	5	
595430.3	4130072	1.80187	43.02	43.02	1.5	ANNUAL	ALL	5	
595450.3	4130072	1.7687	43.1	43.1	1.5	ANNUAL	ALL	5	
594510.3	4130092	0.04979	46.34	46.34	1.5	ANNUAL	ALL	5	
594550.3	4130092	0.05109	46.5	46.5	1.5	ANNUAL	ALL	5	
594570.3	4130092	0.05204	46.22	46.22	1.5	ANNUAL	ALL	5	
595010.3	4130092	0.48016	44.23	44.23	1.5	ANNUAL	ALL	5	
595030.3	4130092	0.55289	44.22	44.22	1.5	ANNUAL	ALL	5	
595050.3	4130092	0.63544	44.04	44.04	1.5	ANNUAL	ALL	5	
595090.3	4130092	0.83014	44.03	44.03	1.5	ANNUAL	ALL	5	
595110.3	4130092	0.94528	43.96	43.96	1.5	ANNUAL	ALL	5	
595150.3	4130092	1.20459	43.8	43.8	1.5	ANNUAL	ALL	5	
595170.3	4130092	1.34083	43.76	43.76	1.5	ANNUAL	ALL	5	
595190.3	4130092	1.47245	43.9	43.9	1.5	ANNUAL	ALL	5	
595210.3	4130092	1.5986	43.88	43.88	1.5	ANNUAL	ALL	5	
595230.3	4130092	1.71248	43.86	43.86	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595250.3	4130092	1.81163	43.77	43.77	1.5	ANNUAL	ALL	5	
595430.3	4130092	1.94256	42.96	42.96	1.5	ANNUAL	ALL	5	
595450.3	4130092	1.89312	43.04	43.04	1.5	ANNUAL	ALL	5	
594510.3	4130112	0.05436	46.21	46.21	1.5	ANNUAL	ALL	5	
594530.3	4130112	0.05516	46.37	46.37	1.5	ANNUAL	ALL	5	
594550.3	4130112	0.05606	46.31	46.31	1.5	ANNUAL	ALL	5	
594570.3	4130112	0.05711	46.07	46.07	1.5	ANNUAL	ALL	5	
595010.3	4130112	0.5475	44.14	44.14	1.5	ANNUAL	ALL	5	
595030.3	4130112	0.63588	44.04	44.04	1.5	ANNUAL	ALL	5	
595050.3	4130112	0.73556	43.97	43.97	1.5	ANNUAL	ALL	5	
595090.3	4130112	0.97441	43.94	43.94	1.5	ANNUAL	ALL	5	
595110.3	4130112	1.11623	43.79	43.79	1.5	ANNUAL	ALL	5	
595130.3	4130112	1.27071	43.56	43.56	1.5	ANNUAL	ALL	5	
595150.3	4130112	1.42937	43.53	43.53	1.5	ANNUAL	ALL	5	
595170.3	4130112	1.58672	43.59	43.59	1.5	ANNUAL	ALL	5	
595190.3	4130112	1.73289	43.9	43.9	1.5	ANNUAL	ALL	5	
595210.3	4130112	1.87094	43.88	43.88	1.5	ANNUAL	ALL	5	
595230.3	4130112	1.99323	43.71	43.71	1.5	ANNUAL	ALL	5	
595250.3	4130112	2.0909	43.71	43.71	1.5	ANNUAL	ALL	5	
595430.3	4130112	2.08176	42.89	42.89	1.5	ANNUAL	ALL	5	
595450.3	4130112	2.01383	42.89	42.89	1.5	ANNUAL	ALL	5	
594510.3	4130132	0.05946	45.89	45.89	1.5	ANNUAL	ALL	5	
594530.3	4130132	0.0606	45.93	45.93	1.5	ANNUAL	ALL	5	
594550.3	4130132	0.0617	46	46	1.5	ANNUAL	ALL	5	
594570.3	4130132	0.06293	45.87	45.87	1.5	ANNUAL	ALL	5	
595010.3	4130132	0.6305	44.01	44.01	1.5	ANNUAL	ALL	5	
595030.3	4130132	0.73757	44.04	44.04	1.5	ANNUAL	ALL	5	
595050.3	4130132	0.86115	43.89	43.89	1.5	ANNUAL	ALL	5	
595090.3	4130132	1.15769	43.83	43.83	1.5	ANNUAL	ALL	5	
595110.3	4130132	1.33351	43.61	43.61	1.5	ANNUAL	ALL	5	
595130.3	4130132	1.5212	43.39	43.39	1.5	ANNUAL	ALL	5	
595150.3	4130132	1.7089	43.41	43.41	1.5	ANNUAL	ALL	5	
595170.3	4130132	1.88773	43.62	43.62	1.5	ANNUAL	ALL	5	
595190.3	4130132	2.05384	43.74	43.74	1.5	ANNUAL	ALL	5	
595210.3	4130132	2.2005	43.76	43.76	1.5	ANNUAL	ALL	5	
595230.3	4130132	2.32104	43.77	43.77	1.5	ANNUAL	ALL	5	
595250.3	4130132	2.41362	43.74	43.74	1.5	ANNUAL	ALL	5	
595430.3	4130132	2.21543	42.69	42.69	1.5	ANNUAL	ALL	5	
595450.3	4130132	2.12416	42.8	42.8	1.5	ANNUAL	ALL	5	
595010.3	4130152	0.73426	43.85	43.85	1.5	ANNUAL	ALL	5	
595030.3	4130152	0.86834	43.77	43.77	1.5	ANNUAL	ALL	5	
595050.3	4130152	1.02205	43.73	43.73	1.5	ANNUAL	ALL	5	
595090.3	4130152	1.39385	43.71	43.71	1.5	ANNUAL	ALL	5	
595110.3	4130152	1.60979	43.6	43.6	1.5	ANNUAL	ALL	5	
595130.3	4130152	1.83889	43.32	43.32	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595150.3	4130152	2.06255	43.24	43.24	1.5	ANNUAL	ALL	5	
595170.3	4130152	2.26468	43.5	43.5	1.5	ANNUAL	ALL	5	
595190.3	4130152	2.44943	43.44	43.44	1.5	ANNUAL	ALL	5	
595210.3	4130152	2.60285	43.35	43.35	1.5	ANNUAL	ALL	5	
595230.3	4130152	2.71273	43.56	43.56	1.5	ANNUAL	ALL	5	
595250.3	4130152	2.79028	43.57	43.57	1.5	ANNUAL	ALL	5	
595430.3	4130152	2.3345	42.6	42.6	1.5	ANNUAL	ALL	5	
595450.3	4130152	2.21924	42.66	42.66	1.5	ANNUAL	ALL	5	
594490.3	4130352	0.15042	45.24	45.24	1.5	ANNUAL	ALL	5	
594510.3	4130352	0.16013	44.82	44.82	1.5	ANNUAL	ALL	5	
594530.3	4130352	0.17088	44.4	44.4	1.5	ANNUAL	ALL	5	
594550.3	4130352	0.18261	44.19	44.19	1.5	ANNUAL	ALL	5	
594570.3	4130352	0.19595	43.75	43.75	1.5	ANNUAL	ALL	5	
594490.3	4130372	0.16524	44.82	44.82	1.5	ANNUAL	ALL	5	
594510.3	4130372	0.17677	44.21	44.21	1.5	ANNUAL	ALL	5	
594530.3	4130372	0.18944	43.77	43.77	1.5	ANNUAL	ALL	5	
594550.3	4130372	0.20326	43.63	43.63	1.5	ANNUAL	ALL	5	
594570.3	4130372	0.21877	43.47	43.47	1.5	ANNUAL	ALL	5	
594470.3	4130392	0.17096	43.76	43.76	1.5	ANNUAL	ALL	5	
594490.3	4130392	0.1823	43.97	43.97	1.5	ANNUAL	ALL	5	
594550.3	4130392	0.22662	43.23	43.23	1.5	ANNUAL	ALL	5	
594570.3	4130392	0.24483	43.27	43.27	1.5	ANNUAL	ALL	5	
594470.3	4130412	0.18779	43.34	43.34	1.5	ANNUAL	ALL	5	
594490.3	4130412	0.20111	43.48	43.48	1.5	ANNUAL	ALL	5	
594530.3	4130412	0.23393	42.96	42.96	1.5	ANNUAL	ALL	5	
594550.3	4130412	0.253	43.07	43.07	1.5	ANNUAL	ALL	5	
594570.3	4130412	0.27469	43.15	43.15	1.5	ANNUAL	ALL	5	
594470.3	4130432	0.20621	43.29	43.29	1.5	ANNUAL	ALL	5	
594490.3	4130432	0.22183	43.36	43.36	1.5	ANNUAL	ALL	5	
594530.3	4130432	0.26011	43.06	43.06	1.5	ANNUAL	ALL	5	
594550.3	4130432	0.28315	42.99	42.99	1.5	ANNUAL	ALL	5	
595474.5	4130151	2.07991	42.33	42.33	1.5	ANNUAL	ALL	5	
595514.5	4130151	1.85434	42.17	42.17	1.5	ANNUAL	ALL	5	
595534.5	4130151	1.74616	42.05	42.05	1.5	ANNUAL	ALL	5	
595554.5	4130151	1.64167	42.01	42.01	1.5	ANNUAL	ALL	5	
595594.5	4130151	1.44729	41.92	41.92	1.5	ANNUAL	ALL	5	
595614.5	4130151	1.35745	41.99	41.99	1.5	ANNUAL	ALL	5	
595634.5	4130151	1.27312	42.03	42.03	1.5	ANNUAL	ALL	5	
595674.5	4130151	1.12121	41.79	41.79	1.5	ANNUAL	ALL	5	
595694.5	4130151	1.05212	41.86	41.86	1.5	ANNUAL	ALL	5	
595714.5	4130151	0.98816	41.8	41.8	1.5	ANNUAL	ALL	5	
595734.5	4130151	0.92881	41.67	41.67	1.5	ANNUAL	ALL	5	
595774.5	4130151	0.82223	41.48	41.48	1.5	ANNUAL	ALL	5	
595794.5	4130151	0.77456	41.39	41.39	1.5	ANNUAL	ALL	5	
595434.5	4130171	2.40292	42.27	42.27	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595454.5	4130171	2.26478	42.13	42.13	1.5	ANNUAL	ALL	5	
595474.5	4130171	2.12861	42.04	42.04	1.5	ANNUAL	ALL	5	
595514.5	4130171	1.87044	41.74	41.74	1.5	ANNUAL	ALL	5	
595534.5	4130171	1.74938	41.7	41.7	1.5	ANNUAL	ALL	5	
595554.5	4130171	1.63501	41.64	41.64	1.5	ANNUAL	ALL	5	
595594.5	4130171	1.4262	41.67	41.67	1.5	ANNUAL	ALL	5	
595614.5	4130171	1.33229	41.62	41.62	1.5	ANNUAL	ALL	5	
595634.5	4130171	1.24485	41.6	41.6	1.5	ANNUAL	ALL	5	
595674.5	4130171	1.08883	41.44	41.44	1.5	ANNUAL	ALL	5	
595694.5	4130171	1.01918	41.43	41.43	1.5	ANNUAL	ALL	5	
595714.5	4130171	0.95476	41.43	41.43	1.5	ANNUAL	ALL	5	
595734.5	4130171	0.89568	41.25	41.25	1.5	ANNUAL	ALL	5	
595774.5	4130171	0.78985	41.25	41.25	1.5	ANNUAL	ALL	5	
595794.5	4130171	0.74304	41.19	41.19	1.5	ANNUAL	ALL	5	
595434.5	4130211	2.49521	42.45	42.45	1.5	ANNUAL	ALL	5	
595474.5	4130211	2.13853	42.11	42.11	1.5	ANNUAL	ALL	5	
595494.5	4130211	1.97555	42.24	42.24	1.5	ANNUAL	ALL	5	
595514.5	4130211	1.8269	42.06	42.06	1.5	ANNUAL	ALL	5	
595534.5	4130211	1.68937	41.95	41.95	1.5	ANNUAL	ALL	5	
595574.5	4130211	1.44817	41.51	41.51	1.5	ANNUAL	ALL	5	
595594.5	4130211	1.34029	41.82	41.82	1.5	ANNUAL	ALL	5	
595614.5	4130211	1.24367	41.66	41.66	1.5	ANNUAL	ALL	5	
595634.5	4130211	1.15483	41.66	41.66	1.5	ANNUAL	ALL	5	
595654.5	4130211	1.07369	41.67	41.67	1.5	ANNUAL	ALL	5	
595674.5	4130211	0.99955	41.71	41.71	1.5	ANNUAL	ALL	5	
595694.5	4130211	0.93244	41.56	41.56	1.5	ANNUAL	ALL	5	
595714.5	4130211	0.87079	41.52	41.52	1.5	ANNUAL	ALL	5	
595734.5	4130211	0.81445	41.47	41.47	1.5	ANNUAL	ALL	5	
595774.5	4130211	0.71606	41.13	41.13	1.5	ANNUAL	ALL	5	
595794.5	4130211	0.67261	40.99	40.99	1.5	ANNUAL	ALL	5	
595434.5	4130231	2.48584	42.42	42.42	1.5	ANNUAL	ALL	5	
595474.5	4130231	2.09909	41.98	41.98	1.5	ANNUAL	ALL	5	
595494.5	4130231	1.92709	42.09	42.09	1.5	ANNUAL	ALL	5	
595514.5	4130231	1.77214	41.94	41.94	1.5	ANNUAL	ALL	5	
595534.5	4130231	1.63074	41.87	41.87	1.5	ANNUAL	ALL	5	
595574.5	4130231	1.38746	41.43	41.43	1.5	ANNUAL	ALL	5	
595594.5	4130231	1.28038	41.69	41.69	1.5	ANNUAL	ALL	5	
595614.5	4130231	1.18495	41.59	41.59	1.5	ANNUAL	ALL	5	
595634.5	4130231	1.09786	41.63	41.63	1.5	ANNUAL	ALL	5	
595654.5	4130231	1.01925	41.58	41.58	1.5	ANNUAL	ALL	5	
595674.5	4130231	0.94779	41.55	41.55	1.5	ANNUAL	ALL	5	
595694.5	4130231	0.88296	41.5	41.5	1.5	ANNUAL	ALL	5	
595714.5	4130231	0.82432	41.33	41.33	1.5	ANNUAL	ALL	5	
595734.5	4130231	0.77078	41.19	41.19	1.5	ANNUAL	ALL	5	
595774.5	4130231	0.67669	41.05	41.05	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595794.5	4130231	0.63561	40.93	40.93	1.5	ANNUAL	ALL	5	
595434.5	4130251	2.43551	42.32	42.32	1.5	ANNUAL	ALL	5	
595474.5	4130251	2.03014	41.76	41.76	1.5	ANNUAL	ALL	5	
595494.5	4130251	1.85384	41.87	41.87	1.5	ANNUAL	ALL	5	
595514.5	4130251	1.69601	41.88	41.88	1.5	ANNUAL	ALL	5	
595534.5	4130251	1.55566	41.66	41.66	1.5	ANNUAL	ALL	5	
595574.5	4130251	1.31527	41.38	41.38	1.5	ANNUAL	ALL	5	
595594.5	4130251	1.21118	41.62	41.62	1.5	ANNUAL	ALL	5	
595614.5	4130251	1.11852	41.63	41.63	1.5	ANNUAL	ALL	5	
595634.5	4130251	1.03554	41.53	41.53	1.5	ANNUAL	ALL	5	
595654.5	4130251	0.96031	41.51	41.51	1.5	ANNUAL	ALL	5	
595674.5	4130251	0.89254	41.44	41.44	1.5	ANNUAL	ALL	5	
595694.5	4130251	0.83121	41.36	41.36	1.5	ANNUAL	ALL	5	
595714.5	4130251	0.77546	41.33	41.33	1.5	ANNUAL	ALL	5	
595734.5	4130251	0.7251	41.2	41.2	1.5	ANNUAL	ALL	5	
595774.5	4130251	0.63685	41.06	41.06	1.5	ANNUAL	ALL	5	
595794.5	4130251	0.59845	40.81	40.81	1.5	ANNUAL	ALL	5	
595474.5	4130271	1.93321	41.63	41.63	1.5	ANNUAL	ALL	5	
595494.5	4130271	1.75834	41.68	41.68	1.5	ANNUAL	ALL	5	
595514.5	4130271	1.60348	41.64	41.64	1.5	ANNUAL	ALL	5	
595534.5	4130271	1.46562	41.62	41.62	1.5	ANNUAL	ALL	5	
595574.5	4130271	1.23496	41.26	41.26	1.5	ANNUAL	ALL	5	
595594.5	4130271	1.13545	41.54	41.54	1.5	ANNUAL	ALL	5	
595614.5	4130271	1.0486	41.36	41.36	1.5	ANNUAL	ALL	5	
595774.5	4130271	0.59728	40.98	40.98	1.5	ANNUAL	ALL	5	
595794.5	4130271	0.56169	40.84	40.84	1.5	ANNUAL	ALL	5	
595474.5	4130291	1.815	41.37	41.37	1.5	ANNUAL	ALL	5	
595494.5	4130291	1.64574	41.47	41.47	1.5	ANNUAL	ALL	5	
595514.5	4130291	1.49842	41.31	41.31	1.5	ANNUAL	ALL	5	
595534.5	4130291	1.36804	41.15	41.15	1.5	ANNUAL	ALL	5	
595574.5	4130291	1.14892	41.18	41.18	1.5	ANNUAL	ALL	5	
595594.5	4130291	1.05596	41.46	41.46	1.5	ANNUAL	ALL	5	
595614.5	4130291	0.9753	41.26	41.26	1.5	ANNUAL	ALL	5	
595654.5	4130291	0.83652	41.34	41.34	1.5	ANNUAL	ALL	5	
595674.5	4130291	0.77793	41.27	41.27	1.5	ANNUAL	ALL	5	
595694.5	4130291	0.72481	41.31	41.31	1.5	ANNUAL	ALL	5	
595714.5	4130291	0.67724	41.17	41.17	1.5	ANNUAL	ALL	5	
595734.5	4130291	0.63388	41.1	41.1	1.5	ANNUAL	ALL	5	
595774.5	4130291	0.55863	40.84	40.84	1.5	ANNUAL	ALL	5	
595794.5	4130291	0.52582	40.63	40.63	1.5	ANNUAL	ALL	5	
595474.5	4130311	1.67916	41.31	41.31	1.5	ANNUAL	ALL	5	
595494.5	4130311	1.5207	41.36	41.36	1.5	ANNUAL	ALL	5	
595514.5	4130311	1.38288	41.29	41.29	1.5	ANNUAL	ALL	5	
595534.5	4130311	1.26157	41.26	41.26	1.5	ANNUAL	ALL	5	
595574.5	4130311	1.06021	40.98	40.98	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595594.5	4130311	0.97591	41.26	41.26	1.5	ANNUAL	ALL	5	
595614.5	4130311	0.90145	41.17	41.17	1.5	ANNUAL	ALL	5	
595654.5	4130311	0.77503	41.15	41.15	1.5	ANNUAL	ALL	5	
595674.5	4130311	0.72141	41.14	41.14	1.5	ANNUAL	ALL	5	
595694.5	4130311	0.67297	41.23	41.23	1.5	ANNUAL	ALL	5	
595714.5	4130311	0.62946	41.11	41.11	1.5	ANNUAL	ALL	5	
595734.5	4130311	0.58993	40.94	40.94	1.5	ANNUAL	ALL	5	
595774.5	4130311	0.52135	40.74	40.74	1.5	ANNUAL	ALL	5	
595794.5	4130311	0.4914	40.62	40.62	1.5	ANNUAL	ALL	5	
595474.5	4130331	1.53482	41.06	41.06	1.5	ANNUAL	ALL	5	
595494.5	4130331	1.39033	41.13	41.13	1.5	ANNUAL	ALL	5	
595514.5	4130331	1.26451	41.05	41.05	1.5	ANNUAL	ALL	5	
595534.5	4130331	1.1543	40.96	40.96	1.5	ANNUAL	ALL	5	
595574.5	4130331	0.97193	40.96	40.96	1.5	ANNUAL	ALL	5	
595594.5	4130331	0.89615	41.2	41.2	1.5	ANNUAL	ALL	5	
595614.5	4130331	0.82881	41.07	41.07	1.5	ANNUAL	ALL	5	
595654.5	4130331	0.71492	40.97	40.97	1.5	ANNUAL	ALL	5	
595674.5	4130331	0.66658	40.99	40.99	1.5	ANNUAL	ALL	5	
595694.5	4130331	0.62287	41.23	41.23	1.5	ANNUAL	ALL	5	
595714.5	4130331	0.58357	41.05	41.05	1.5	ANNUAL	ALL	5	
595734.5	4130331	0.54787	40.91	40.91	1.5	ANNUAL	ALL	5	
595774.5	4130331	0.48574	40.66	40.66	1.5	ANNUAL	ALL	5	
595794.5	4130331	0.45863	40.6	40.6	1.5	ANNUAL	ALL	5	
595414.5	4130351	1.90939	41.2	41.2	1.5	ANNUAL	ALL	5	
595434.5	4130351	1.70805	41.19	41.19	1.5	ANNUAL	ALL	5	
595474.5	4130351	1.38703	41.08	41.08	1.5	ANNUAL	ALL	5	
595494.5	4130351	1.25826	41.14	41.14	1.5	ANNUAL	ALL	5	
595514.5	4130351	1.14641	40.98	40.98	1.5	ANNUAL	ALL	5	
595534.5	4130351	1.04841	40.97	40.97	1.5	ANNUAL	ALL	5	
595574.5	4130351	0.8864	40.83	40.83	1.5	ANNUAL	ALL	5	
595594.5	4130351	0.81903	41.1	41.1	1.5	ANNUAL	ALL	5	
595614.5	4130351	0.75913	40.97	40.97	1.5	ANNUAL	ALL	5	
595694.5	4130351	0.57541	41.09	41.09	1.5	ANNUAL	ALL	5	
595714.5	4130351	0.54014	41	41	1.5	ANNUAL	ALL	5	
595734.5	4130351	0.50809	40.77	40.77	1.5	ANNUAL	ALL	5	
595774.5	4130351	0.45225	40.76	40.76	1.5	ANNUAL	ALL	5	
595794.5	4130351	0.42751	40.43	40.43	1.5	ANNUAL	ALL	5	
595414.5	4130371	1.69874	41	41	1.5	ANNUAL	ALL	5	
595434.5	4130371	1.52284	41.02	41.02	1.5	ANNUAL	ALL	5	
595474.5	4130371	1.24287	40.85	40.85	1.5	ANNUAL	ALL	5	
595494.5	4130371	1.13064	40.93	40.93	1.5	ANNUAL	ALL	5	
595514.5	4130371	1.03293	40.82	40.82	1.5	ANNUAL	ALL	5	
595534.5	4130371	0.94729	40.74	40.74	1.5	ANNUAL	ALL	5	
595574.5	4130371	0.80537	40.73	40.73	1.5	ANNUAL	ALL	5	
595594.5	4130371	0.74618	40.93	40.93	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595614.5	4130371	0.69349	40.79	40.79	1.5	ANNUAL	ALL	5	
595654.5	4130371	0.60378	40.92	40.92	1.5	ANNUAL	ALL	5	
595674.5	4130371	0.56552	40.87	40.87	1.5	ANNUAL	ALL	5	
595694.5	4130371	0.53083	40.94	40.94	1.5	ANNUAL	ALL	5	
595714.5	4130371	0.49938	40.9	40.9	1.5	ANNUAL	ALL	5	
595734.5	4130371	0.47074	40.73	40.73	1.5	ANNUAL	ALL	5	
595774.5	4130371	0.4206	40.63	40.63	1.5	ANNUAL	ALL	5	
595794.5	4130371	0.39842	40.41	40.41	1.5	ANNUAL	ALL	5	
595414.5	4130391	1.49533	41.01	41.01	1.5	ANNUAL	ALL	5	
595434.5	4130391	1.34579	40.91	40.91	1.5	ANNUAL	ALL	5	
595474.5	4130391	1.10687	40.81	40.81	1.5	ANNUAL	ALL	5	
595494.5	4130391	1.01077	40.83	40.83	1.5	ANNUAL	ALL	5	
595514.5	4130391	0.92673	40.71	40.71	1.5	ANNUAL	ALL	5	
595534.5	4130391	0.8526	40.6	40.6	1.5	ANNUAL	ALL	5	
595614.5	4130391	0.63238	40.69	40.69	1.5	ANNUAL	ALL	5	
595654.5	4130391	0.55369	40.84	40.84	1.5	ANNUAL	ALL	5	
595674.5	4130391	0.51994	40.89	40.89	1.5	ANNUAL	ALL	5	
595694.5	4130391	0.48934	40.85	40.85	1.5	ANNUAL	ALL	5	
595714.5	4130391	0.46146	40.78	40.78	1.5	ANNUAL	ALL	5	
595734.5	4130391	0.43599	40.69	40.69	1.5	ANNUAL	ALL	5	
595774.5	4130391	0.39118	40.6	40.6	1.5	ANNUAL	ALL	5	
595794.5	4130391	0.37126	40.39	40.39	1.5	ANNUAL	ALL	5	
595414.5	4130411	1.30713	40.72	40.72	1.5	ANNUAL	ALL	5	
595434.5	4130411	1.18253	40.77	40.77	1.5	ANNUAL	ALL	5	
595614.5	4130411	0.57617	40.62	40.62	1.5	ANNUAL	ALL	5	
595654.5	4130411	0.50757	40.69	40.69	1.5	ANNUAL	ALL	5	
595674.5	4130411	0.47786	40.67	40.67	1.5	ANNUAL	ALL	5	
595694.5	4130411	0.45087	40.68	40.68	1.5	ANNUAL	ALL	5	
595714.5	4130411	0.42624	40.71	40.71	1.5	ANNUAL	ALL	5	
595734.5	4130411	0.40358	40.63	40.63	1.5	ANNUAL	ALL	5	
595774.5	4130411	0.36355	40.4	40.4	1.5	ANNUAL	ALL	5	
595794.5	4130411	0.3459	40.34	40.34	1.5	ANNUAL	ALL	5	
595414.5	4130431	1.13848	40.71	40.71	1.5	ANNUAL	ALL	5	
595434.5	4130431	1.03586	40.63	40.63	1.5	ANNUAL	ALL	5	
595454.5	4130431	0.94608	40.4	40.4	1.5	ANNUAL	ALL	5	
595474.5	4130431	0.86964	40.62	40.62	1.5	ANNUAL	ALL	5	
595494.5	4130431	0.8013	40.55	40.55	1.5	ANNUAL	ALL	5	
595514.5	4130431	0.74132	40.57	40.57	1.5	ANNUAL	ALL	5	
595614.5	4130431	0.52483	40.54	40.54	1.5	ANNUAL	ALL	5	
595774.5	4130431	0.33812	40.4	40.4	1.5	ANNUAL	ALL	5	
595794.5	4130431	0.32235	40.34	40.34	1.5	ANNUAL	ALL	5	
595414.5	4130451	0.99114	40.69	40.69	1.5	ANNUAL	ALL	5	
595434.5	4130451	0.90744	40.59	40.59	1.5	ANNUAL	ALL	5	
595454.5	4130451	0.83364	40.36	40.36	1.5	ANNUAL	ALL	5	
595474.5	4130451	0.77055	40.59	40.59	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595494.5	4130451	0.71409	40.67	40.67	1.5	ANNUAL	ALL	5	
595514.5	4130451	0.6633	40.56	40.56	1.5	ANNUAL	ALL	5	
595614.5	4130451	0.47853	40.53	40.53	1.5	ANNUAL	ALL	5	
595634.5	4130451	0.45162	40.72	40.72	1.5	ANNUAL	ALL	5	
595654.5	4130451	0.42656	40.54	40.54	1.5	ANNUAL	ALL	5	
595674.5	4130451	0.40392	40.58	40.58	1.5	ANNUAL	ALL	5	
595694.5	4130451	0.38292	40.45	40.45	1.5	ANNUAL	ALL	5	
595714.5	4130451	0.36374	40.42	40.42	1.5	ANNUAL	ALL	5	
595734.5	4130451	0.34618	40.5	40.5	1.5	ANNUAL	ALL	5	
595774.5	4130451	0.31455	40.32	40.32	1.5	ANNUAL	ALL	5	
595794.5	4130451	0.30051	40.33	40.33	1.5	ANNUAL	ALL	5	
595414.5	4130471	0.86537	40.7	40.7	1.5	ANNUAL	ALL	5	
595434.5	4130471	0.79735	40.62	40.62	1.5	ANNUAL	ALL	5	
595454.5	4130471	0.73637	40.3	40.3	1.5	ANNUAL	ALL	5	
595474.5	4130471	0.68443	40.59	40.59	1.5	ANNUAL	ALL	5	
595494.5	4130471	0.63732	40.67	40.67	1.5	ANNUAL	ALL	5	
595514.5	4130471	0.59484	40.64	40.64	1.5	ANNUAL	ALL	5	
595614.5	4130471	0.43676	40.44	40.44	1.5	ANNUAL	ALL	5	
595634.5	4130471	0.41341	40.58	40.58	1.5	ANNUAL	ALL	5	
595654.5	4130471	0.39164	40.47	40.47	1.5	ANNUAL	ALL	5	
595674.5	4130471	0.37182	40.5	40.5	1.5	ANNUAL	ALL	5	
595694.5	4130471	0.35335	40.36	40.36	1.5	ANNUAL	ALL	5	
595714.5	4130471	0.3363	40.23	40.23	1.5	ANNUAL	ALL	5	
595734.5	4130471	0.32072	40.29	40.29	1.5	ANNUAL	ALL	5	
595774.5	4130471	0.29272	40.25	40.25	1.5	ANNUAL	ALL	5	
595794.5	4130471	0.28019	40.24	40.24	1.5	ANNUAL	ALL	5	
595414.5	4130491	0.75897	40.64	40.64	1.5	ANNUAL	ALL	5	
595434.5	4130491	0.70341	40.59	40.59	1.5	ANNUAL	ALL	5	
595454.5	4130491	0.65281	40.2	40.2	1.5	ANNUAL	ALL	5	
595474.5	4130491	0.60958	40.42	40.42	1.5	ANNUAL	ALL	5	
595494.5	4130491	0.57022	40.49	40.49	1.5	ANNUAL	ALL	5	
595514.5	4130491	0.53488	40.64	40.64	1.5	ANNUAL	ALL	5	
595614.5	4130491	0.39921	40.26	40.26	1.5	ANNUAL	ALL	5	
595634.5	4130491	0.37896	40.42	40.42	1.5	ANNUAL	ALL	5	
595654.5	4130491	0.36	40.34	40.34	1.5	ANNUAL	ALL	5	
595674.5	4130491	0.34256	40.31	40.31	1.5	ANNUAL	ALL	5	
595694.5	4130491	0.32648	40.31	40.31	1.5	ANNUAL	ALL	5	
595714.5	4130491	0.31141	40.15	40.15	1.5	ANNUAL	ALL	5	
595734.5	4130491	0.29764	40.2	40.2	1.5	ANNUAL	ALL	5	
594970.7	4130091	0.35738	44.35	44.35	1.5	ANNUAL	ALL	5	
595473.2	4129914	0.9481	43.66	43.66	1.5	ANNUAL	ALL	5	
595513.2	4129914	0.96727	43.35	43.35	1.5	ANNUAL	ALL	5	
595533.2	4129914	0.97007	43.57	43.57	1.5	ANNUAL	ALL	5	
595553.2	4129914	0.97058	43.62	43.62	1.5	ANNUAL	ALL	5	
595573.2	4129914	0.96889	43.52	43.52	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595613.2	4129914	0.95775	43.31	43.31	1.5	ANNUAL	ALL	5	
595633.2	4129914	0.94825	43.31	43.31	1.5	ANNUAL	ALL	5	
595673.2	4129914	0.92476	42.87	42.87	1.5	ANNUAL	ALL	5	
595693.2	4129914	0.90917	43	43	1.5	ANNUAL	ALL	5	
595713.2	4129914	0.89306	42.82	42.82	1.5	ANNUAL	ALL	5	
595733.2	4129914	0.87531	42.74	42.74	1.5	ANNUAL	ALL	5	
595773.2	4129914	0.8368	42.48	42.48	1.5	ANNUAL	ALL	5	
595793.2	4129914	0.81617	42.39	42.39	1.5	ANNUAL	ALL	5	
595473.2	4129934	1.02917	43.44	43.44	1.5	ANNUAL	ALL	5	
595513.2	4129934	1.04218	43.2	43.2	1.5	ANNUAL	ALL	5	
595533.2	4129934	1.04215	43.29	43.29	1.5	ANNUAL	ALL	5	
595553.2	4129934	1.03883	43.38	43.38	1.5	ANNUAL	ALL	5	
595573.2	4129934	1.0325	43.47	43.47	1.5	ANNUAL	ALL	5	
595613.2	4129934	1.01399	43.12	43.12	1.5	ANNUAL	ALL	5	
595633.2	4129934	1.00056	43.06	43.06	1.5	ANNUAL	ALL	5	
595673.2	4129934	0.96814	42.78	42.78	1.5	ANNUAL	ALL	5	
595693.2	4129934	0.94849	42.89	42.89	1.5	ANNUAL	ALL	5	
595713.2	4129934	0.92805	42.81	42.81	1.5	ANNUAL	ALL	5	
595733.2	4129934	0.90662	42.66	42.66	1.5	ANNUAL	ALL	5	
595773.2	4129934	0.86061	42.47	42.47	1.5	ANNUAL	ALL	5	
595793.2	4129934	0.83667	42.36	42.36	1.5	ANNUAL	ALL	5	
595473.2	4129954	1.11691	43.17	43.17	1.5	ANNUAL	ALL	5	
595513.2	4129954	1.12207	42.98	42.98	1.5	ANNUAL	ALL	5	
595533.2	4129954	1.11764	43.09	43.09	1.5	ANNUAL	ALL	5	
595553.2	4129954	1.11016	43.11	43.11	1.5	ANNUAL	ALL	5	
595573.2	4129954	1.09947	43.13	43.13	1.5	ANNUAL	ALL	5	
595613.2	4129954	1.06999	43.09	43.09	1.5	ANNUAL	ALL	5	
595633.2	4129954	1.05173	43.03	43.03	1.5	ANNUAL	ALL	5	
595673.2	4129954	1.01	42.7	42.7	1.5	ANNUAL	ALL	5	
595693.2	4129954	0.98578	42.8	42.8	1.5	ANNUAL	ALL	5	
595713.2	4129954	0.96128	42.6	42.6	1.5	ANNUAL	ALL	5	
595733.2	4129954	0.93531	42.55	42.55	1.5	ANNUAL	ALL	5	
595773.2	4129954	0.88135	42.44	42.44	1.5	ANNUAL	ALL	5	
595793.2	4129954	0.85399	42.3	42.3	1.5	ANNUAL	ALL	5	
595473.2	4129974	1.20994	43.09	43.09	1.5	ANNUAL	ALL	5	
595513.2	4129974	1.20519	42.94	42.94	1.5	ANNUAL	ALL	5	
595533.2	4129974	1.19602	42.94	42.94	1.5	ANNUAL	ALL	5	
595553.2	4129974	1.18263	43.04	43.04	1.5	ANNUAL	ALL	5	
595613.2	4129974	1.12577	42.97	42.97	1.5	ANNUAL	ALL	5	
595633.2	4129974	1.10204	42.89	42.89	1.5	ANNUAL	ALL	5	
595673.2	4129974	1.04948	42.59	42.59	1.5	ANNUAL	ALL	5	
595693.2	4129974	1.02033	42.66	42.66	1.5	ANNUAL	ALL	5	
595713.2	4129974	0.99069	42.58	42.58	1.5	ANNUAL	ALL	5	
595733.2	4129974	0.96062	42.4	42.4	1.5	ANNUAL	ALL	5	
595773.2	4129974	0.89884	42.19	42.19	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4129974	0.86736	42.3	42.3	1.5	ANNUAL	ALL	5	
595473.2	4129994	1.30927	42.95	42.95	1.5	ANNUAL	ALL	5	
595513.2	4129994	1.29189	42.86	42.86	1.5	ANNUAL	ALL	5	
595533.2	4129994	1.27617	42.87	42.87	1.5	ANNUAL	ALL	5	
595553.2	4129994	1.25645	42.91	42.91	1.5	ANNUAL	ALL	5	
595613.2	4129994	1.17981	42.84	42.84	1.5	ANNUAL	ALL	5	
595633.2	4129994	1.14945	42.84	42.84	1.5	ANNUAL	ALL	5	
595673.2	4129994	1.08544	42.47	42.47	1.5	ANNUAL	ALL	5	
595693.2	4129994	1.05053	42.65	42.65	1.5	ANNUAL	ALL	5	
595713.2	4129994	1.01611	42.5	42.5	1.5	ANNUAL	ALL	5	
595733.2	4129994	0.98137	42.33	42.33	1.5	ANNUAL	ALL	5	
595773.2	4129994	0.9113	42.21	42.21	1.5	ANNUAL	ALL	5	
595793.2	4129994	0.87665	42.2	42.2	1.5	ANNUAL	ALL	5	
595473.2	4130014	1.41268	42.98	42.98	1.5	ANNUAL	ALL	5	
595513.2	4130014	1.38099	42.75	42.75	1.5	ANNUAL	ALL	5	
595533.2	4130014	1.35665	42.88	42.88	1.5	ANNUAL	ALL	5	
595553.2	4130014	1.32937	42.87	42.87	1.5	ANNUAL	ALL	5	
595593.2	4130014	1.26712	42.52	42.52	1.5	ANNUAL	ALL	5	
595613.2	4130014	1.23062	42.71	42.71	1.5	ANNUAL	ALL	5	
595633.2	4130014	1.19336	42.7	42.7	1.5	ANNUAL	ALL	5	
595673.2	4130014	1.11655	42.38	42.38	1.5	ANNUAL	ALL	5	
595693.2	4130014	1.07613	42.53	42.53	1.5	ANNUAL	ALL	5	
595713.2	4130014	1.03649	42.41	42.41	1.5	ANNUAL	ALL	5	
595733.2	4130014	0.99702	42.26	42.26	1.5	ANNUAL	ALL	5	
595773.2	4130014	0.91899	42.18	42.18	1.5	ANNUAL	ALL	5	
595793.2	4130014	0.88118	42.11	42.11	1.5	ANNUAL	ALL	5	
595473.2	4130034	1.52083	42.9	42.9	1.5	ANNUAL	ALL	5	
595513.2	4130034	1.47002	42.74	42.74	1.5	ANNUAL	ALL	5	
595533.2	4130034	1.43702	42.76	42.76	1.5	ANNUAL	ALL	5	
595553.2	4130034	1.40051	42.76	42.76	1.5	ANNUAL	ALL	5	
595593.2	4130034	1.32083	42.44	42.44	1.5	ANNUAL	ALL	5	
595613.2	4130034	1.2761	42.69	42.69	1.5	ANNUAL	ALL	5	
595633.2	4130034	1.23172	42.61	42.61	1.5	ANNUAL	ALL	5	
595673.2	4130034	1.14192	42.24	42.24	1.5	ANNUAL	ALL	5	
595693.2	4130034	1.09569	42.43	42.43	1.5	ANNUAL	ALL	5	
595713.2	4130034	1.05093	42.32	42.32	1.5	ANNUAL	ALL	5	
595733.2	4130034	1.00682	42.22	42.22	1.5	ANNUAL	ALL	5	
595773.2	4130034	0.92136	42.14	42.14	1.5	ANNUAL	ALL	5	
595793.2	4130034	0.88065	42.03	42.03	1.5	ANNUAL	ALL	5	
595473.2	4130054	1.63126	42.8	42.8	1.5	ANNUAL	ALL	5	
595513.2	4130054	1.55823	42.61	42.61	1.5	ANNUAL	ALL	5	
595533.2	4130054	1.51473	42.57	42.57	1.5	ANNUAL	ALL	5	
595553.2	4130054	1.46751	42.62	42.62	1.5	ANNUAL	ALL	5	
595593.2	4130054	1.36857	42.34	42.34	1.5	ANNUAL	ALL	5	
595613.2	4130054	1.31536	42.59	42.59	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595633.2	4130054	1.26331	42.49	42.49	1.5	ANNUAL	ALL	5	
595673.2	4130054	1.16008	42.16	42.16	1.5	ANNUAL	ALL	5	
595693.2	4130054	1.10851	42.29	42.29	1.5	ANNUAL	ALL	5	
595713.2	4130054	1.05875	42.22	42.22	1.5	ANNUAL	ALL	5	
595733.2	4130054	1.0105	42.09	42.09	1.5	ANNUAL	ALL	5	
595773.2	4130054	0.9179	42.19	42.19	1.5	ANNUAL	ALL	5	
595793.2	4130054	0.87498	41.9	41.9	1.5	ANNUAL	ALL	5	
595473.2	4130074	1.7412	42.7	42.7	1.5	ANNUAL	ALL	5	
595513.2	4130074	1.64247	42.43	42.43	1.5	ANNUAL	ALL	5	
595533.2	4130074	1.58581	42.53	42.53	1.5	ANNUAL	ALL	5	
595553.2	4130074	1.52767	42.49	42.49	1.5	ANNUAL	ALL	5	
595593.2	4130074	1.40844	42.2	42.2	1.5	ANNUAL	ALL	5	
595613.2	4130074	1.34694	42.35	42.35	1.5	ANNUAL	ALL	5	
595633.2	4130074	1.28652	42.38	42.38	1.5	ANNUAL	ALL	5	
595673.2	4130074	1.17043	42.03	42.03	1.5	ANNUAL	ALL	5	
595693.2	4130074	1.11355	42.2	42.2	1.5	ANNUAL	ALL	5	
595713.2	4130074	1.0592	42.18	42.18	1.5	ANNUAL	ALL	5	
595733.2	4130074	1.00732	42.01	42.01	1.5	ANNUAL	ALL	5	
595773.2	4130074	0.90932	41.96	41.96	1.5	ANNUAL	ALL	5	
595793.2	4130074	0.86396	41.81	41.81	1.5	ANNUAL	ALL	5	
595473.2	4130094	1.84746	42.58	42.58	1.5	ANNUAL	ALL	5	
595513.2	4130094	1.71839	42.37	42.37	1.5	ANNUAL	ALL	5	
595533.2	4130094	1.64879	42.4	42.4	1.5	ANNUAL	ALL	5	
595553.2	4130094	1.57833	42.37	42.37	1.5	ANNUAL	ALL	5	
595593.2	4130094	1.43779	42.17	42.17	1.5	ANNUAL	ALL	5	
595613.2	4130094	1.36767	42.32	42.32	1.5	ANNUAL	ALL	5	
595633.2	4130094	1.29984	42.33	42.33	1.5	ANNUAL	ALL	5	
595673.2	4130094	1.17183	41.97	41.97	1.5	ANNUAL	ALL	5	
595693.2	4130094	1.11045	42.11	42.11	1.5	ANNUAL	ALL	5	
595713.2	4130094	1.05222	42.1	42.1	1.5	ANNUAL	ALL	5	
595733.2	4130094	0.99734	41.88	41.88	1.5	ANNUAL	ALL	5	
595773.2	4130094	0.89482	41.82	41.82	1.5	ANNUAL	ALL	5	
595793.2	4130094	0.84791	41.67	41.67	1.5	ANNUAL	ALL	5	
595473.2	4130114	1.94479	42.56	42.56	1.5	ANNUAL	ALL	5	
595513.2	4130114	1.78337	42.3	42.3	1.5	ANNUAL	ALL	5	
595533.2	4130114	1.70008	42.26	42.26	1.5	ANNUAL	ALL	5	
595553.2	4130114	1.61714	42.21	42.21	1.5	ANNUAL	ALL	5	
595593.2	4130114	1.4559	42.02	42.02	1.5	ANNUAL	ALL	5	
595613.2	4130114	1.37721	42.27	42.27	1.5	ANNUAL	ALL	5	
595633.2	4130114	1.30304	42.14	42.14	1.5	ANNUAL	ALL	5	
595673.2	4130114	1.16417	41.87	41.87	1.5	ANNUAL	ALL	5	
595693.2	4130114	1.09907	41.98	41.98	1.5	ANNUAL	ALL	5	
595713.2	4130114	1.03789	41.93	41.93	1.5	ANNUAL	ALL	5	
595733.2	4130114	0.98045	41.76	41.76	1.5	ANNUAL	ALL	5	
595773.2	4130114	0.87481	41.7	41.7	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595793.2	4130114	0.82706	41.51	41.51	1.5	ANNUAL	ALL	5	
595473.2	4130134	2.03041	42.41	42.41	1.5	ANNUAL	ALL	5	
595513.2	4130134	1.83361	42.23	42.23	1.5	ANNUAL	ALL	5	
595533.2	4130134	1.73621	42.17	42.17	1.5	ANNUAL	ALL	5	
595553.2	4130134	1.64078	42.16	42.16	1.5	ANNUAL	ALL	5	
595593.2	4130134	1.46023	42	42	1.5	ANNUAL	ALL	5	
595613.2	4130134	1.3747	42.16	42.16	1.5	ANNUAL	ALL	5	
595633.2	4130134	1.29431	42.11	42.11	1.5	ANNUAL	ALL	5	
595673.2	4130134	1.14726	41.76	41.76	1.5	ANNUAL	ALL	5	
595693.2	4130134	1.07902	41.95	41.95	1.5	ANNUAL	ALL	5	
595713.2	4130134	1.01589	41.85	41.85	1.5	ANNUAL	ALL	5	
595733.2	4130134	0.95691	41.68	41.68	1.5	ANNUAL	ALL	5	
595773.2	4130134	0.84964	41.62	41.62	1.5	ANNUAL	ALL	5	
595793.2	4130134	0.80166	41.43	41.43	1.5	ANNUAL	ALL	5	
594298	4130502	0.1555	42.76	42.76	1.5	ANNUAL	ALL	5	
594318	4130502	0.16538	42.79	42.79	1.5	ANNUAL	ALL	5	
594338	4130502	0.17633	42.79	42.79	1.5	ANNUAL	ALL	5	
594358	4130502	0.18865	42.61	42.61	1.5	ANNUAL	ALL	5	
594378	4130502	0.20239	42.45	42.45	1.5	ANNUAL	ALL	5	
594398	4130502	0.2176	42.44	42.44	1.5	ANNUAL	ALL	5	
594418	4130502	0.23447	42.6	42.6	1.5	ANNUAL	ALL	5	
594438	4130502	0.25429	42.24	42.24	1.5	ANNUAL	ALL	5	
594458	4130502	0.27605	42.35	42.35	1.5	ANNUAL	ALL	5	
594498	4130502	0.32974	42.37	42.37	1.5	ANNUAL	ALL	5	
594518	4130502	0.36228	42.63	42.63	1.5	ANNUAL	ALL	5	
594538	4130502	0.40113	42.53	42.53	1.5	ANNUAL	ALL	5	
594298	4130522	0.16708	42.61	42.61	1.5	ANNUAL	ALL	5	
594318	4130522	0.17827	42.51	42.51	1.5	ANNUAL	ALL	5	
594338	4130522	0.19089	42.22	42.22	1.5	ANNUAL	ALL	5	
594358	4130522	0.20443	42.44	42.44	1.5	ANNUAL	ALL	5	
594378	4130522	0.22019	42.11	42.11	1.5	ANNUAL	ALL	5	
594398	4130522	0.23761	42.04	42.04	1.5	ANNUAL	ALL	5	
594418	4130522	0.25721	42.03	42.03	1.5	ANNUAL	ALL	5	
594438	4130522	0.27948	41.99	41.99	1.5	ANNUAL	ALL	5	
594458	4130522	0.3046	42.1	42.1	1.5	ANNUAL	ALL	5	
594498	4130522	0.36717	42.08	42.08	1.5	ANNUAL	ALL	5	
594518	4130522	0.4064	41.98	41.98	1.5	ANNUAL	ALL	5	
594538	4130522	0.45123	42.22	42.22	1.5	ANNUAL	ALL	5	
594298	4130542	0.17973	42.39	42.39	1.5	ANNUAL	ALL	5	
594318	4130542	0.1922	42.35	42.35	1.5	ANNUAL	ALL	5	
594358	4130542	0.22202	41.94	41.94	1.5	ANNUAL	ALL	5	
594418	4130542	0.28161	41.79	41.79	1.5	ANNUAL	ALL	5	
594438	4130542	0.307	41.78	41.78	1.5	ANNUAL	ALL	5	
594458	4130542	0.33561	41.99	41.99	1.5	ANNUAL	ALL	5	
594498	4130542	0.40763	42	42	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594518	4130542	0.45337	41.79	41.79	1.5	ANNUAL	ALL	5	
594538	4130542	0.50559	42.03	42.03	1.5	ANNUAL	ALL	5	
594298	4130562	0.19348	42.12	42.12	1.5	ANNUAL	ALL	5	
594318	4130562	0.2077	41.8	41.8	1.5	ANNUAL	ALL	5	
594798	4130622	3.5283	40.79	40.79	1.5	ANNUAL	ALL	5	
594818	4130622	3.78741	40.8	40.8	1.5	ANNUAL	ALL	5	
594838	4130622	3.98518	40.83	40.83	1.5	ANNUAL	ALL	5	
594858	4130622	4.10921	41.04	41.04	1.5	ANNUAL	ALL	5	
594878	4130622	4.15931	41.03	41.03	1.5	ANNUAL	ALL	5	
594898	4130622	4.13546	40.95	40.95	1.5	ANNUAL	ALL	5	
594918	4130622	4.02364	40.75	40.75	1.5	ANNUAL	ALL	5	
594938	4130622	3.79854	40.91	40.91	1.5	ANNUAL	ALL	5	
594958	4130622	3.45177	41.06	41.06	1.5	ANNUAL	ALL	5	
594978	4130622	3.01459	40.84	40.84	1.5	ANNUAL	ALL	5	
594998	4130622	2.55151	40.84	40.84	1.5	ANNUAL	ALL	5	
595018	4130622	2.13292	40.76	40.76	1.5	ANNUAL	ALL	5	
595038	4130622	1.799	40.9	40.9	1.5	ANNUAL	ALL	5	
595058	4130622	1.55033	40.93	40.93	1.5	ANNUAL	ALL	5	
595078	4130622	1.36532	40.84	40.84	1.5	ANNUAL	ALL	5	
595118	4130622	1.10655	40.61	40.61	1.5	ANNUAL	ALL	5	
595138	4130622	1.01113	40.54	40.54	1.5	ANNUAL	ALL	5	
595158	4130622	0.93039	40.48	40.48	1.5	ANNUAL	ALL	5	
595198	4130622	0.79843	40.38	40.38	1.5	ANNUAL	ALL	5	
595218	4130622	0.74203	40.2	40.2	1.5	ANNUAL	ALL	5	
595238	4130622	0.69194	40.28	40.28	1.5	ANNUAL	ALL	5	
595578	4130622	0.2636	39.46	39.46	1.5	ANNUAL	ALL	5	
595598	4130622	0.25254	39.52	39.52	1.5	ANNUAL	ALL	5	
595618	4130622	0.24214	39.49	39.49	1.5	ANNUAL	ALL	5	
595638	4130622	0.2324	39.43	39.43	1.5	ANNUAL	ALL	5	
595658	4130622	0.2234	39.48	39.48	1.5	ANNUAL	ALL	5	
595678	4130622	0.21491	39.47	39.47	1.5	ANNUAL	ALL	5	
595778	4130622	0.17968	39.61	39.61	1.5	ANNUAL	ALL	5	
594758	4130642	2.64569	40.38	40.38	1.5	ANNUAL	ALL	5	
594778	4130642	2.86495	40.61	40.61	1.5	ANNUAL	ALL	5	
594798	4130642	3.04983	40.58	40.58	1.5	ANNUAL	ALL	5	
594818	4130642	3.19441	40.58	40.58	1.5	ANNUAL	ALL	5	
594838	4130642	3.28946	40.56	40.56	1.5	ANNUAL	ALL	5	
594858	4130642	3.34022	40.68	40.68	1.5	ANNUAL	ALL	5	
594878	4130642	3.34187	40.67	40.67	1.5	ANNUAL	ALL	5	
594898	4130642	3.29935	40.69	40.69	1.5	ANNUAL	ALL	5	
594918	4130642	3.19195	40.52	40.52	1.5	ANNUAL	ALL	5	
594938	4130642	3.01956	40.8	40.8	1.5	ANNUAL	ALL	5	
594958	4130642	2.75708	40.82	40.82	1.5	ANNUAL	ALL	5	
594978	4130642	2.43156	40.77	40.77	1.5	ANNUAL	ALL	5	
594998	4130642	2.08725	40.68	40.68	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595018	4130642	1.77057	40.57	40.57	1.5	ANNUAL	ALL	5	
595038	4130642	1.51529	40.79	40.79	1.5	ANNUAL	ALL	5	
595058	4130642	1.31827	40.77	40.77	1.5	ANNUAL	ALL	5	
595078	4130642	1.16836	40.64	40.64	1.5	ANNUAL	ALL	5	
595118	4130642	0.95639	40.47	40.47	1.5	ANNUAL	ALL	5	
595138	4130642	0.87802	40.42	40.42	1.5	ANNUAL	ALL	5	
595158	4130642	0.812	40.41	40.41	1.5	ANNUAL	ALL	5	
595198	4130642	0.7044	40.25	40.25	1.5	ANNUAL	ALL	5	
595218	4130642	0.65886	40.07	40.07	1.5	ANNUAL	ALL	5	
595238	4130642	0.61755	39.92	39.92	1.5	ANNUAL	ALL	5	
595278	4130642	0.54523	39.83	39.83	1.5	ANNUAL	ALL	5	
595298	4130642	0.51369	40.01	40.01	1.5	ANNUAL	ALL	5	
595318	4130642	0.48401	40.05	40.05	1.5	ANNUAL	ALL	5	
595338	4130642	0.45592	39.84	39.84	1.5	ANNUAL	ALL	5	
595378	4130642	0.40648	39.67	39.67	1.5	ANNUAL	ALL	5	
595398	4130642	0.38467	39.65	39.65	1.5	ANNUAL	ALL	5	
595418	4130642	0.36431	39.52	39.52	1.5	ANNUAL	ALL	5	
595438	4130642	0.3456	39.45	39.45	1.5	ANNUAL	ALL	5	
595478	4130642	0.31275	39.63	39.63	1.5	ANNUAL	ALL	5	
595498	4130642	0.29777	39.45	39.45	1.5	ANNUAL	ALL	5	
595518	4130642	0.28407	39.44	39.44	1.5	ANNUAL	ALL	5	
595538	4130642	0.27152	39.56	39.56	1.5	ANNUAL	ALL	5	
595578	4130642	0.2483	39.18	39.18	1.5	ANNUAL	ALL	5	
595598	4130642	0.23804	39.17	39.17	1.5	ANNUAL	ALL	5	
595618	4130642	0.22847	39.15	39.15	1.5	ANNUAL	ALL	5	
595638	4130642	0.21954	39.17	39.17	1.5	ANNUAL	ALL	5	
595658	4130642	0.21118	39.18	39.18	1.5	ANNUAL	ALL	5	
595678	4130642	0.20335	39.21	39.21	1.5	ANNUAL	ALL	5	
595718	4130642	0.18903	39.19	39.19	1.5	ANNUAL	ALL	5	
595738	4130642	0.18254	39.24	39.24	1.5	ANNUAL	ALL	5	
595758	4130642	0.17627	39.04	39.04	1.5	ANNUAL	ALL	5	
595778	4130642	0.17043	38.99	38.99	1.5	ANNUAL	ALL	5	
594538	4130662	0.81394	40.75	40.75	1.5	ANNUAL	ALL	5	
594558	4130662	0.90447	40.57	40.57	1.5	ANNUAL	ALL	5	
594578	4130662	1.0074	40.72	40.72	1.5	ANNUAL	ALL	5	
594598	4130662	1.12171	40.62	40.62	1.5	ANNUAL	ALL	5	
594618	4130662	1.24849	40.51	40.51	1.5	ANNUAL	ALL	5	
594718	4130662	2.04581	40.36	40.36	1.5	ANNUAL	ALL	5	
594738	4130662	2.20964	40.07	40.07	1.5	ANNUAL	ALL	5	
594758	4130662	2.36669	40.08	40.08	1.5	ANNUAL	ALL	5	
594778	4130662	2.50603	40.2	40.2	1.5	ANNUAL	ALL	5	
594798	4130662	2.61508	40.23	40.23	1.5	ANNUAL	ALL	5	
594818	4130662	2.6918	40.31	40.31	1.5	ANNUAL	ALL	5	
594838	4130662	2.73042	40.25	40.25	1.5	ANNUAL	ALL	5	
594858	4130662	2.74478	40.41	40.41	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594878	4130662	2.72934	40.45	40.45	1.5	ANNUAL	ALL	5	
594898	4130662	2.68479	40.5	40.5	1.5	ANNUAL	ALL	5	
594918	4130662	2.59186	40.3	40.3	1.5	ANNUAL	ALL	5	
594938	4130662	2.45551	40.58	40.58	1.5	ANNUAL	ALL	5	
594958	4130662	2.25394	40.72	40.72	1.5	ANNUAL	ALL	5	
594978	4130662	2.00055	40.49	40.49	1.5	ANNUAL	ALL	5	
594998	4130662	1.7396	40.57	40.57	1.5	ANNUAL	ALL	5	
595018	4130662	1.49476	40.43	40.43	1.5	ANNUAL	ALL	5	
595038	4130662	1.29525	40.73	40.73	1.5	ANNUAL	ALL	5	
595058	4130662	1.13529	40.58	40.58	1.5	ANNUAL	ALL	5	
595078	4130662	1.01191	40.44	40.44	1.5	ANNUAL	ALL	5	
595118	4130662	0.83649	40.32	40.32	1.5	ANNUAL	ALL	5	
595138	4130662	0.77104	40.32	40.32	1.5	ANNUAL	ALL	5	
595158	4130662	0.71553	40.32	40.32	1.5	ANNUAL	ALL	5	
595198	4130662	0.62523	40.08	40.08	1.5	ANNUAL	ALL	5	
595218	4130662	0.58784	39.97	39.97	1.5	ANNUAL	ALL	5	
595238	4130662	0.55413	39.89	39.89	1.5	ANNUAL	ALL	5	
595278	4130662	0.49446	39.73	39.73	1.5	ANNUAL	ALL	5	
595298	4130662	0.46831	39.89	39.89	1.5	ANNUAL	ALL	5	
595318	4130662	0.44325	39.83	39.83	1.5	ANNUAL	ALL	5	
595338	4130662	0.41968	39.72	39.72	1.5	ANNUAL	ALL	5	
595378	4130662	0.3772	39.59	39.59	1.5	ANNUAL	ALL	5	
595398	4130662	0.35806	39.53	39.53	1.5	ANNUAL	ALL	5	
595418	4130662	0.34004	39.37	39.37	1.5	ANNUAL	ALL	5	
595438	4130662	0.32346	39.33	39.33	1.5	ANNUAL	ALL	5	
595478	4130662	0.29386	39.44	39.44	1.5	ANNUAL	ALL	5	
595498	4130662	0.28045	39.42	39.42	1.5	ANNUAL	ALL	5	
595518	4130662	0.26791	39.36	39.36	1.5	ANNUAL	ALL	5	
595538	4130662	0.25633	39.41	39.41	1.5	ANNUAL	ALL	5	
595578	4130662	0.235	39.06	39.06	1.5	ANNUAL	ALL	5	
595598	4130662	0.22549	39	39	1.5	ANNUAL	ALL	5	
595618	4130662	0.21667	39.04	39.04	1.5	ANNUAL	ALL	5	
595638	4130662	0.20836	39.04	39.04	1.5	ANNUAL	ALL	5	
595658	4130662	0.20056	39	39	1.5	ANNUAL	ALL	5	
595678	4130662	0.19324	39	39	1.5	ANNUAL	ALL	5	
595698	4130662	0.18642	39.07	39.07	1.5	ANNUAL	ALL	5	
595718	4130662	0.17986	38.94	38.94	1.5	ANNUAL	ALL	5	
595738	4130662	0.17384	39.1	39.1	1.5	ANNUAL	ALL	5	
595758	4130662	0.16802	39	39	1.5	ANNUAL	ALL	5	
595778	4130662	0.16259	39.01	39.01	1.5	ANNUAL	ALL	5	
595798	4130662	0.15731	38.79	38.79	1.5	ANNUAL	ALL	5	
594418	4130682	0.47639	40.87	40.87	1.5	ANNUAL	ALL	5	
594438	4130682	0.52122	40.87	40.87	1.5	ANNUAL	ALL	5	
594458	4130682	0.57145	40.79	40.79	1.5	ANNUAL	ALL	5	
594478	4130682	0.62772	40.7	40.7	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594498	4130682	0.6907	40.83	40.83	1.5	ANNUAL	ALL	5	
594518	4130682	0.76087	40.62	40.62	1.5	ANNUAL	ALL	5	
594538	4130682	0.83894	40.52	40.52	1.5	ANNUAL	ALL	5	
594558	4130682	0.92554	40.43	40.43	1.5	ANNUAL	ALL	5	
594578	4130682	1.0218	40.5	40.5	1.5	ANNUAL	ALL	5	
594598	4130682	1.12713	40.54	40.54	1.5	ANNUAL	ALL	5	
594618	4130682	1.24113	40.54	40.54	1.5	ANNUAL	ALL	5	
594718	4130682	1.88188	40.22	40.22	1.5	ANNUAL	ALL	5	
594738	4130682	1.99475	39.84	39.84	1.5	ANNUAL	ALL	5	
594758	4130682	2.09867	39.86	39.86	1.5	ANNUAL	ALL	5	
594778	4130682	2.18371	39.95	39.95	1.5	ANNUAL	ALL	5	
594798	4130682	2.24589	40.09	40.09	1.5	ANNUAL	ALL	5	
594818	4130682	2.28156	40.15	40.15	1.5	ANNUAL	ALL	5	
594838	4130682	2.28995	39.99	39.99	1.5	ANNUAL	ALL	5	
594858	4130682	2.28698	40.12	40.12	1.5	ANNUAL	ALL	5	
594878	4130682	2.26735	40.23	40.23	1.5	ANNUAL	ALL	5	
594898	4130682	2.22632	40.32	40.32	1.5	ANNUAL	ALL	5	
594918	4130682	2.14635	40.08	40.08	1.5	ANNUAL	ALL	5	
594938	4130682	2.03431	40.34	40.34	1.5	ANNUAL	ALL	5	
594958	4130682	1.8727	40.38	40.38	1.5	ANNUAL	ALL	5	
594978	4130682	1.67776	40.39	40.39	1.5	ANNUAL	ALL	5	
594998	4130682	1.4727	40.4	40.4	1.5	ANNUAL	ALL	5	
595018	4130682	1.28018	40.32	40.32	1.5	ANNUAL	ALL	5	
595038	4130682	1.12028	40.62	40.62	1.5	ANNUAL	ALL	5	
595058	4130682	0.9891	40.47	40.47	1.5	ANNUAL	ALL	5	
595078	4130682	0.88757	40.48	40.48	1.5	ANNUAL	ALL	5	
595118	4130682	0.73995	40.34	40.34	1.5	ANNUAL	ALL	5	
595138	4130682	0.68335	40.12	40.12	1.5	ANNUAL	ALL	5	
595158	4130682	0.63625	40.21	40.21	1.5	ANNUAL	ALL	5	
595198	4130682	0.5591	40.01	40.01	1.5	ANNUAL	ALL	5	
595218	4130682	0.52768	39.99	39.99	1.5	ANNUAL	ALL	5	
595238	4130682	0.49928	39.89	39.89	1.5	ANNUAL	ALL	5	
595278	4130682	0.4493	39.63	39.63	1.5	ANNUAL	ALL	5	
595298	4130682	0.42749	39.76	39.76	1.5	ANNUAL	ALL	5	
595318	4130682	0.40682	39.84	39.84	1.5	ANNUAL	ALL	5	
595338	4130682	0.38669	39.6	39.6	1.5	ANNUAL	ALL	5	
595378	4130682	0.3503	39.42	39.42	1.5	ANNUAL	ALL	5	
595398	4130682	0.33387	39.47	39.47	1.5	ANNUAL	ALL	5	
595418	4130682	0.3178	39.14	39.14	1.5	ANNUAL	ALL	5	
595438	4130682	0.3031	39.06	39.06	1.5	ANNUAL	ALL	5	
595478	4130682	0.27687	39.32	39.32	1.5	ANNUAL	ALL	5	
595498	4130682	0.26477	39.31	39.31	1.5	ANNUAL	ALL	5	
595518	4130682	0.25343	39.31	39.31	1.5	ANNUAL	ALL	5	
595538	4130682	0.24283	39.33	39.33	1.5	ANNUAL	ALL	5	
595578	4130682	0.22342	39.22	39.22	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595598	4130682	0.21467	39.25	39.25	1.5	ANNUAL	ALL	5	
595618	4130682	0.20644	39.27	39.27	1.5	ANNUAL	ALL	5	
595638	4130682	0.19868	39.21	39.21	1.5	ANNUAL	ALL	5	
595658	4130682	0.19136	39.17	39.17	1.5	ANNUAL	ALL	5	
595678	4130682	0.18451	39.14	39.14	1.5	ANNUAL	ALL	5	
595698	4130682	0.17792	38.92	38.92	1.5	ANNUAL	ALL	5	
595718	4130682	0.17176	38.79	38.79	1.5	ANNUAL	ALL	5	
595738	4130682	0.16616	38.98	38.98	1.5	ANNUAL	ALL	5	
595758	4130682	0.16078	39.06	39.06	1.5	ANNUAL	ALL	5	
595778	4130682	0.15564	39.05	39.05	1.5	ANNUAL	ALL	5	
595798	4130682	0.15054	38.55	38.55	1.5	ANNUAL	ALL	5	
594318	4130702	0.33186	40.53	40.53	1.5	ANNUAL	ALL	5	
594338	4130702	0.35875	40.64	40.64	1.5	ANNUAL	ALL	5	
594358	4130702	0.38839	40.54	40.54	1.5	ANNUAL	ALL	5	
594378	4130702	0.42151	40.63	40.63	1.5	ANNUAL	ALL	5	
594398	4130702	0.45822	40.66	40.66	1.5	ANNUAL	ALL	5	
594418	4130702	0.49893	40.63	40.63	1.5	ANNUAL	ALL	5	
594438	4130702	0.54418	40.63	40.63	1.5	ANNUAL	ALL	5	
594458	4130702	0.59424	40.56	40.56	1.5	ANNUAL	ALL	5	
594478	4130702	0.64976	40.52	40.52	1.5	ANNUAL	ALL	5	
594498	4130702	0.71151	40.64	40.64	1.5	ANNUAL	ALL	5	
594518	4130702	0.77867	40.46	40.46	1.5	ANNUAL	ALL	5	
594538	4130702	0.85273	40.44	40.44	1.5	ANNUAL	ALL	5	
594558	4130702	0.9329	40.3	40.3	1.5	ANNUAL	ALL	5	
594578	4130702	1.02004	40.29	40.29	1.5	ANNUAL	ALL	5	
594598	4130702	1.11362	40.34	40.34	1.5	ANNUAL	ALL	5	
594618	4130702	1.21096	40.16	40.16	1.5	ANNUAL	ALL	5	
595278	4130702	0.40923	39.51	39.51	1.5	ANNUAL	ALL	5	
595298	4130702	0.39079	39.58	39.58	1.5	ANNUAL	ALL	5	
595318	4130702	0.37356	39.73	39.73	1.5	ANNUAL	ALL	5	
595338	4130702	0.35664	39.54	39.54	1.5	ANNUAL	ALL	5	
595378	4130702	0.32562	39.34	39.34	1.5	ANNUAL	ALL	5	
595398	4130702	0.31128	39.26	39.26	1.5	ANNUAL	ALL	5	
595418	4130702	0.29742	39.02	39.02	1.5	ANNUAL	ALL	5	
595438	4130702	0.28442	38.88	38.88	1.5	ANNUAL	ALL	5	
595478	4130702	0.26115	39.13	39.13	1.5	ANNUAL	ALL	5	
595498	4130702	0.25034	39.17	39.17	1.5	ANNUAL	ALL	5	
595518	4130702	0.24017	39.25	39.25	1.5	ANNUAL	ALL	5	
595538	4130702	0.23043	39.18	39.18	1.5	ANNUAL	ALL	5	
595578	4130702	0.21272	39.17	39.17	1.5	ANNUAL	ALL	5	
595598	4130702	0.20463	39.18	39.18	1.5	ANNUAL	ALL	5	
595618	4130702	0.19705	39.24	39.24	1.5	ANNUAL	ALL	5	
595638	4130702	0.18974	39.09	39.09	1.5	ANNUAL	ALL	5	
595658	4130702	0.1828	38.86	38.86	1.5	ANNUAL	ALL	5	
595678	4130702	0.17647	38.95	38.95	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595698	4130702	0.17037	38.87	38.87	1.5	ANNUAL	ALL	5	
595718	4130702	0.16482	39.15	39.15	1.5	ANNUAL	ALL	5	
595738	4130702	0.15941	39.16	39.16	1.5	ANNUAL	ALL	5	
595758	4130702	0.15424	39.05	39.05	1.5	ANNUAL	ALL	5	
595778	4130702	0.14946	39.18	39.18	1.5	ANNUAL	ALL	5	
595798	4130702	0.14471	38.84	38.84	1.5	ANNUAL	ALL	5	
594318	4130722	0.34832	40.39	40.39	1.5	ANNUAL	ALL	5	
594338	4130722	0.37602	40.5	40.5	1.5	ANNUAL	ALL	5	
594358	4130722	0.40636	40.44	40.44	1.5	ANNUAL	ALL	5	
594378	4130722	0.43982	40.39	40.39	1.5	ANNUAL	ALL	5	
594398	4130722	0.47686	40.45	40.45	1.5	ANNUAL	ALL	5	
594418	4130722	0.51766	40.52	40.52	1.5	ANNUAL	ALL	5	
594438	4130722	0.56233	40.47	40.47	1.5	ANNUAL	ALL	5	
594458	4130722	0.61127	40.39	40.39	1.5	ANNUAL	ALL	5	
594478	4130722	0.6648	40.32	40.32	1.5	ANNUAL	ALL	5	
594498	4130722	0.72362	40.43	40.43	1.5	ANNUAL	ALL	5	
594518	4130722	0.7869	40.38	40.38	1.5	ANNUAL	ALL	5	
594538	4130722	0.8548	40.27	40.27	1.5	ANNUAL	ALL	5	
594558	4130722	0.92711	40.13	40.13	1.5	ANNUAL	ALL	5	
594578	4130722	1.00425	40.15	40.15	1.5	ANNUAL	ALL	5	
594598	4130722	1.08445	40.1	40.1	1.5	ANNUAL	ALL	5	
594618	4130722	1.16685	40.04	40.04	1.5	ANNUAL	ALL	5	
594678	4130722	1.41206	40.05	40.05	1.5	ANNUAL	ALL	5	
594698	4130722	1.48469	40.01	40.01	1.5	ANNUAL	ALL	5	
594718	4130722	1.54689	39.84	39.84	1.5	ANNUAL	ALL	5	
594758	4130722	1.63494	39.57	39.57	1.5	ANNUAL	ALL	5	
594778	4130722	1.66114	39.66	39.66	1.5	ANNUAL	ALL	5	
594798	4130722	1.67191	39.61	39.61	1.5	ANNUAL	ALL	5	
594818	4130722	1.67275	39.62	39.62	1.5	ANNUAL	ALL	5	
594838	4130722	1.66518	39.59	39.59	1.5	ANNUAL	ALL	5	
594858	4130722	1.65397	39.71	39.71	1.5	ANNUAL	ALL	5	
594878	4130722	1.63276	39.69	39.69	1.5	ANNUAL	ALL	5	
594898	4130722	1.59867	39.71	39.71	1.5	ANNUAL	ALL	5	
594938	4130722	1.46219	39.8	39.8	1.5	ANNUAL	ALL	5	
594958	4130722	1.35685	40.05	40.05	1.5	ANNUAL	ALL	5	
594978	4130722	1.23058	40.13	40.13	1.5	ANNUAL	ALL	5	
594998	4130722	1.09803	40.18	40.18	1.5	ANNUAL	ALL	5	
595018	4130722	0.97124	40.07	40.07	1.5	ANNUAL	ALL	5	
595038	4130722	0.86307	40.32	40.32	1.5	ANNUAL	ALL	5	
595058	4130722	0.7718	40.18	40.18	1.5	ANNUAL	ALL	5	
595078	4130722	0.69886	40.08	40.08	1.5	ANNUAL	ALL	5	
595118	4130722	0.59185	39.96	39.96	1.5	ANNUAL	ALL	5	
595138	4130722	0.55085	39.98	39.98	1.5	ANNUAL	ALL	5	
595158	4130722	0.51501	39.92	39.92	1.5	ANNUAL	ALL	5	
595198	4130722	0.45606	39.74	39.74	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595218	4130722	0.43209	39.74	39.74	1.5	ANNUAL	ALL	5	
595238	4130722	0.41077	39.7	39.7	1.5	ANNUAL	ALL	5	
595278	4130722	0.37416	39.52	39.52	1.5	ANNUAL	ALL	5	
595298	4130722	0.35851	39.66	39.66	1.5	ANNUAL	ALL	5	
595318	4130722	0.34348	39.58	39.58	1.5	ANNUAL	ALL	5	
595338	4130722	0.32924	39.48	39.48	1.5	ANNUAL	ALL	5	
595378	4130722	0.30272	39.23	39.23	1.5	ANNUAL	ALL	5	
595398	4130722	0.29038	39.13	39.13	1.5	ANNUAL	ALL	5	
595418	4130722	0.27842	38.92	38.92	1.5	ANNUAL	ALL	5	
595438	4130722	0.26698	38.7	38.7	1.5	ANNUAL	ALL	5	
595478	4130722	0.2466	39.05	39.05	1.5	ANNUAL	ALL	5	
595498	4130722	0.23689	39.04	39.04	1.5	ANNUAL	ALL	5	
595518	4130722	0.2277	39.05	39.05	1.5	ANNUAL	ALL	5	
595538	4130722	0.21897	39.06	39.06	1.5	ANNUAL	ALL	5	
595578	4130722	0.20279	39.04	39.04	1.5	ANNUAL	ALL	5	
595598	4130722	0.19541	39.13	39.13	1.5	ANNUAL	ALL	5	
595618	4130722	0.18829	39.04	39.04	1.5	ANNUAL	ALL	5	
595638	4130722	0.18162	39.03	39.03	1.5	ANNUAL	ALL	5	
595658	4130722	0.17512	38.75	38.75	1.5	ANNUAL	ALL	5	
595678	4130722	0.16942	39.21	39.21	1.5	ANNUAL	ALL	5	
595698	4130722	0.16356	38.88	38.88	1.5	ANNUAL	ALL	5	
595718	4130722	0.15832	39.14	39.14	1.5	ANNUAL	ALL	5	
595738	4130722	0.15321	39.11	39.11	1.5	ANNUAL	ALL	5	
595758	4130722	0.14836	39.05	39.05	1.5	ANNUAL	ALL	5	
595778	4130722	0.1438	39.13	39.13	1.5	ANNUAL	ALL	5	
595798	4130722	0.13927	38.73	38.73	1.5	ANNUAL	ALL	5	
594318	4130742	0.36343	40.35	40.35	1.5	ANNUAL	ALL	5	
594338	4130742	0.39137	40.33	40.33	1.5	ANNUAL	ALL	5	
594358	4130742	0.42201	40.36	40.36	1.5	ANNUAL	ALL	5	
594378	4130742	0.45545	40.32	40.32	1.5	ANNUAL	ALL	5	
594398	4130742	0.49206	40.33	40.33	1.5	ANNUAL	ALL	5	
594418	4130742	0.53224	40.49	40.49	1.5	ANNUAL	ALL	5	
594438	4130742	0.57547	40.38	40.38	1.5	ANNUAL	ALL	5	
594458	4130742	0.62244	40.34	40.34	1.5	ANNUAL	ALL	5	
594478	4130742	0.67279	40.18	40.18	1.5	ANNUAL	ALL	5	
594498	4130742	0.72763	40.31	40.31	1.5	ANNUAL	ALL	5	
594518	4130742	0.78563	40.28	40.28	1.5	ANNUAL	ALL	5	
594538	4130742	0.84648	40.13	40.13	1.5	ANNUAL	ALL	5	
594558	4130742	0.91014	40	40	1.5	ANNUAL	ALL	5	
594578	4130742	0.97707	40.1	40.1	1.5	ANNUAL	ALL	5	
594598	4130742	1.04443	40.02	40.02	1.5	ANNUAL	ALL	5	
594618	4130742	1.11219	39.99	39.99	1.5	ANNUAL	ALL	5	
594678	4130742	1.30211	40.1	40.1	1.5	ANNUAL	ALL	5	
594698	4130742	1.35427	40.13	40.13	1.5	ANNUAL	ALL	5	
594718	4130742	1.39436	39.83	39.83	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594758	4130742	1.44305	39.38	39.38	1.5	ANNUAL	ALL	5	
594778	4130742	1.4553	39.5	39.5	1.5	ANNUAL	ALL	5	
594798	4130742	1.45864	39.62	39.62	1.5	ANNUAL	ALL	5	
594818	4130742	1.45066	39.36	39.36	1.5	ANNUAL	ALL	5	
594838	4130742	1.44227	39.39	39.39	1.5	ANNUAL	ALL	5	
594858	4130742	1.43128	39.51	39.51	1.5	ANNUAL	ALL	5	
594878	4130742	1.41178	39.47	39.47	1.5	ANNUAL	ALL	5	
594898	4130742	1.38253	39.59	39.59	1.5	ANNUAL	ALL	5	
594938	4130742	1.26287	39.51	39.51	1.5	ANNUAL	ALL	5	
594958	4130742	1.17434	39.7	39.7	1.5	ANNUAL	ALL	5	
594978	4130742	1.07175	39.95	39.95	1.5	ANNUAL	ALL	5	
594998	4130742	0.96239	39.98	39.98	1.5	ANNUAL	ALL	5	
595018	4130742	0.85759	39.9	39.9	1.5	ANNUAL	ALL	5	
595038	4130742	0.76734	40.2	40.2	1.5	ANNUAL	ALL	5	
595058	4130742	0.69028	40.15	40.15	1.5	ANNUAL	ALL	5	
595078	4130742	0.62712	39.91	39.91	1.5	ANNUAL	ALL	5	
595118	4130742	0.5351	39.9	39.9	1.5	ANNUAL	ALL	5	
595138	4130742	0.49943	39.89	39.89	1.5	ANNUAL	ALL	5	
595158	4130742	0.46808	39.81	39.81	1.5	ANNUAL	ALL	5	
595198	4130742	0.41593	39.63	39.63	1.5	ANNUAL	ALL	5	
595218	4130742	0.39455	39.64	39.64	1.5	ANNUAL	ALL	5	
595238	4130742	0.37555	39.61	39.61	1.5	ANNUAL	ALL	5	
595278	4130742	0.34318	39.44	39.44	1.5	ANNUAL	ALL	5	
595298	4130742	0.32945	39.53	39.53	1.5	ANNUAL	ALL	5	
595318	4130742	0.31673	39.62	39.62	1.5	ANNUAL	ALL	5	
595338	4130742	0.30407	39.22	39.22	1.5	ANNUAL	ALL	5	
595378	4130742	0.28159	39.14	39.14	1.5	ANNUAL	ALL	5	
595398	4130742	0.27111	39.15	39.15	1.5	ANNUAL	ALL	5	
595418	4130742	0.26066	38.84	38.84	1.5	ANNUAL	ALL	5	
595438	4130742	0.25071	38.61	38.61	1.5	ANNUAL	ALL	5	
595478	4130742	0.23289	38.99	38.99	1.5	ANNUAL	ALL	5	
595498	4130742	0.22428	38.96	38.96	1.5	ANNUAL	ALL	5	
595518	4130742	0.216	38.91	38.91	1.5	ANNUAL	ALL	5	
595538	4130742	0.20815	38.91	38.91	1.5	ANNUAL	ALL	5	
595578	4130742	0.19355	38.98	38.98	1.5	ANNUAL	ALL	5	
595598	4130742	0.1867	38.94	38.94	1.5	ANNUAL	ALL	5	
595618	4130742	0.18028	39.05	39.05	1.5	ANNUAL	ALL	5	
595638	4130742	0.17406	38.98	38.98	1.5	ANNUAL	ALL	5	
595658	4130742	0.16807	38.75	38.75	1.5	ANNUAL	ALL	5	
595678	4130742	0.16269	39.11	39.11	1.5	ANNUAL	ALL	5	
595698	4130742	0.15727	38.87	38.87	1.5	ANNUAL	ALL	5	
595718	4130742	0.15217	38.75	38.75	1.5	ANNUAL	ALL	5	
595738	4130742	0.14738	38.75	38.75	1.5	ANNUAL	ALL	5	
595758	4130742	0.14273	38.51	38.51	1.5	ANNUAL	ALL	5	
595778	4130742	0.13847	38.66	38.66	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595798	4130742	0.13422	38.36	38.36	1.5	ANNUAL	ALL	5	
594318	4130762	0.37641	40.07	40.07	1.5	ANNUAL	ALL	5	
594338	4130762	0.40446	40.19	40.19	1.5	ANNUAL	ALL	5	
594358	4130762	0.43482	40.21	40.21	1.5	ANNUAL	ALL	5	
594378	4130762	0.46763	40.15	40.15	1.5	ANNUAL	ALL	5	
594398	4130762	0.5032	40.13	40.13	1.5	ANNUAL	ALL	5	
594418	4130762	0.54195	40.32	40.32	1.5	ANNUAL	ALL	5	
594438	4130762	0.58299	40.19	40.19	1.5	ANNUAL	ALL	5	
594458	4130762	0.627	40.12	40.12	1.5	ANNUAL	ALL	5	
594478	4130762	0.67354	39.97	39.97	1.5	ANNUAL	ALL	5	
594498	4130762	0.72416	40.31	40.31	1.5	ANNUAL	ALL	5	
594518	4130762	0.7756	40.12	40.12	1.5	ANNUAL	ALL	5	
594538	4130762	0.82886	39.93	39.93	1.5	ANNUAL	ALL	5	
594558	4130762	0.88377	39.83	39.83	1.5	ANNUAL	ALL	5	
594578	4130762	0.94089	40.05	40.05	1.5	ANNUAL	ALL	5	
594598	4130762	0.99557	39.83	39.83	1.5	ANNUAL	ALL	5	
594618	4130762	1.0496	39.76	39.76	1.5	ANNUAL	ALL	5	
594678	4130762	1.19393	40.06	40.06	1.5	ANNUAL	ALL	5	
594698	4130762	1.22867	39.96	39.96	1.5	ANNUAL	ALL	5	
594718	4130762	1.25297	39.61	39.61	1.5	ANNUAL	ALL	5	
594758	4130762	1.27818	39.29	39.29	1.5	ANNUAL	ALL	5	
594778	4130762	1.28117	39.34	39.34	1.5	ANNUAL	ALL	5	
594798	4130762	1.27774	39.31	39.31	1.5	ANNUAL	ALL	5	
594818	4130762	1.27119	39.31	39.31	1.5	ANNUAL	ALL	5	
594838	4130762	1.26095	39.17	39.17	1.5	ANNUAL	ALL	5	
594858	4130762	1.25107	39.31	39.31	1.5	ANNUAL	ALL	5	
594878	4130762	1.23265	39.2	39.2	1.5	ANNUAL	ALL	5	
594898	4130762	1.20519	39.22	39.22	1.5	ANNUAL	ALL	5	
594938	4130762	1.10231	39.25	39.25	1.5	ANNUAL	ALL	5	
594958	4130762	1.02824	39.53	39.53	1.5	ANNUAL	ALL	5	
594978	4130762	0.94089	39.58	39.58	1.5	ANNUAL	ALL	5	
594998	4130762	0.85011	39.66	39.66	1.5	ANNUAL	ALL	5	
595018	4130762	0.76262	39.63	39.63	1.5	ANNUAL	ALL	5	
595038	4130762	0.68607	39.86	39.86	1.5	ANNUAL	ALL	5	
595058	4130762	0.62091	39.99	39.99	1.5	ANNUAL	ALL	5	
595078	4130762	0.56673	39.88	39.88	1.5	ANNUAL	ALL	5	
595118	4130762	0.48635	39.8	39.8	1.5	ANNUAL	ALL	5	
595138	4130762	0.45517	39.76	39.76	1.5	ANNUAL	ALL	5	
595158	4130762	0.42736	39.54	39.54	1.5	ANNUAL	ALL	5	
595198	4130762	0.38165	39.61	39.61	1.5	ANNUAL	ALL	5	
595218	4130762	0.3626	39.72	39.72	1.5	ANNUAL	ALL	5	
595238	4130762	0.34492	39.4	39.4	1.5	ANNUAL	ALL	5	
595278	4130762	0.31605	39.37	39.37	1.5	ANNUAL	ALL	5	
595298	4130762	0.30397	39.54	39.54	1.5	ANNUAL	ALL	5	
595318	4130762	0.2923	39.29	39.29	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595338	4130762	0.2816	39.15	39.15	1.5	ANNUAL	ALL	5	
595378	4130762	0.26198	38.91	38.91	1.5	ANNUAL	ALL	5	
595398	4130762	0.25301	38.96	38.96	1.5	ANNUAL	ALL	5	
595418	4130762	0.2439	38.61	38.61	1.5	ANNUAL	ALL	5	
595438	4130762	0.23547	38.57	38.57	1.5	ANNUAL	ALL	5	
595478	4130762	0.21986	38.88	38.88	1.5	ANNUAL	ALL	5	
595498	4130762	0.2122	38.77	38.77	1.5	ANNUAL	ALL	5	
595518	4130762	0.20488	38.74	38.74	1.5	ANNUAL	ALL	5	
595538	4130762	0.1979	38.79	38.79	1.5	ANNUAL	ALL	5	
595578	4130762	0.18479	38.93	38.93	1.5	ANNUAL	ALL	5	
595598	4130762	0.17854	38.86	38.86	1.5	ANNUAL	ALL	5	
595618	4130762	0.17267	38.97	38.97	1.5	ANNUAL	ALL	5	
595638	4130762	0.16692	38.85	38.85	1.5	ANNUAL	ALL	5	
595658	4130762	0.16139	38.66	38.66	1.5	ANNUAL	ALL	5	
595678	4130762	0.1564	38.99	38.99	1.5	ANNUAL	ALL	5	
595698	4130762	0.15138	38.85	38.85	1.5	ANNUAL	ALL	5	
595718	4130762	0.14656	38.62	38.62	1.5	ANNUAL	ALL	5	
595738	4130762	0.1421	38.66	38.66	1.5	ANNUAL	ALL	5	
595758	4130762	0.13778	38.61	38.61	1.5	ANNUAL	ALL	5	
595778	4130762	0.1337	38.59	38.59	1.5	ANNUAL	ALL	5	
595798	4130762	0.12975	38.48	38.48	1.5	ANNUAL	ALL	5	
594318	4130782	0.38732	39.91	39.91	1.5	ANNUAL	ALL	5	
594338	4130782	0.41495	40.03	40.03	1.5	ANNUAL	ALL	5	
594358	4130782	0.44461	40.08	40.08	1.5	ANNUAL	ALL	5	
594378	4130782	0.47633	40.03	40.03	1.5	ANNUAL	ALL	5	
594398	4130782	0.51021	39.95	39.95	1.5	ANNUAL	ALL	5	
594418	4130782	0.54673	40.06	40.06	1.5	ANNUAL	ALL	5	
594438	4130782	0.58513	39.99	39.99	1.5	ANNUAL	ALL	5	
594458	4130782	0.62577	39.98	39.98	1.5	ANNUAL	ALL	5	
594478	4130782	0.66827	39.94	39.94	1.5	ANNUAL	ALL	5	
594498	4130782	0.71282	40.01	40.01	1.5	ANNUAL	ALL	5	
594518	4130782	0.75828	39.94	39.94	1.5	ANNUAL	ALL	5	
594538	4130782	0.80489	39.95	39.95	1.5	ANNUAL	ALL	5	
594558	4130782	0.85054	39.67	39.67	1.5	ANNUAL	ALL	5	
594578	4130782	0.898	39.9	39.9	1.5	ANNUAL	ALL	5	
594598	4130782	0.94366	40	40	1.5	ANNUAL	ALL	5	
594618	4130782	0.98526	39.76	39.76	1.5	ANNUAL	ALL	5	
594678	4130782	1.09012	39.84	39.84	1.5	ANNUAL	ALL	5	
594698	4130782	1.11148	39.59	39.59	1.5	ANNUAL	ALL	5	
594718	4130782	1.12551	39.33	39.33	1.5	ANNUAL	ALL	5	
594758	4130782	1.13539	39.1	39.1	1.5	ANNUAL	ALL	5	
594778	4130782	1.13465	39.24	39.24	1.5	ANNUAL	ALL	5	
594798	4130782	1.12864	39.15	39.15	1.5	ANNUAL	ALL	5	
594818	4130782	1.12264	39.23	39.23	1.5	ANNUAL	ALL	5	
594838	4130782	1.11191	38.93	38.93	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594858	4130782	1.10523	39.31	39.31	1.5	ANNUAL	ALL	5	
594878	4130782	1.08814	39.16	39.16	1.5	ANNUAL	ALL	5	
594898	4130782	1.06224	39.08	39.08	1.5	ANNUAL	ALL	5	
594938	4130782	0.97152	39.07	39.07	1.5	ANNUAL	ALL	5	
594958	4130782	0.9076	39.27	39.27	1.5	ANNUAL	ALL	5	
594978	4130782	0.83578	39.64	39.64	1.5	ANNUAL	ALL	5	
594998	4130782	0.758	39.55	39.55	1.5	ANNUAL	ALL	5	
595018	4130782	0.68397	39.56	39.56	1.5	ANNUAL	ALL	5	
595038	4130782	0.61889	39.89	39.89	1.5	ANNUAL	ALL	5	
595058	4130782	0.56193	39.86	39.86	1.5	ANNUAL	ALL	5	
595078	4130782	0.51473	39.77	39.77	1.5	ANNUAL	ALL	5	
595118	4130782	0.44423	39.7	39.7	1.5	ANNUAL	ALL	5	
595138	4130782	0.41674	39.61	39.61	1.5	ANNUAL	ALL	5	
595158	4130782	0.39262	39.54	39.54	1.5	ANNUAL	ALL	5	
595198	4130782	0.35171	39.47	39.47	1.5	ANNUAL	ALL	5	
595218	4130782	0.33426	39.42	39.42	1.5	ANNUAL	ALL	5	
595238	4130782	0.31868	39.39	39.39	1.5	ANNUAL	ALL	5	
595278	4130782	0.29229	39.29	39.29	1.5	ANNUAL	ALL	5	
595298	4130782	0.28136	39.46	39.46	1.5	ANNUAL	ALL	5	
595318	4130782	0.2709	39.22	39.22	1.5	ANNUAL	ALL	5	
595338	4130782	0.26116	38.89	38.89	1.5	ANNUAL	ALL	5	
595378	4130782	0.2442	38.84	38.84	1.5	ANNUAL	ALL	5	
595398	4130782	0.23627	38.75	38.75	1.5	ANNUAL	ALL	5	
595418	4130782	0.22849	38.53	38.53	1.5	ANNUAL	ALL	5	
595438	4130782	0.22109	38.41	38.41	1.5	ANNUAL	ALL	5	
595478	4130782	0.20749	38.72	38.72	1.5	ANNUAL	ALL	5	
595498	4130782	0.20071	38.57	38.57	1.5	ANNUAL	ALL	5	
595518	4130782	0.19436	38.67	38.67	1.5	ANNUAL	ALL	5	
595538	4130782	0.18816	38.71	38.71	1.5	ANNUAL	ALL	5	
595578	4130782	0.17638	38.83	38.83	1.5	ANNUAL	ALL	5	
595598	4130782	0.1708	38.88	38.88	1.5	ANNUAL	ALL	5	
595618	4130782	0.16547	39.01	39.01	1.5	ANNUAL	ALL	5	
595638	4130782	0.16011	38.7	38.7	1.5	ANNUAL	ALL	5	
595658	4130782	0.1551	38.65	38.65	1.5	ANNUAL	ALL	5	
595678	4130782	0.15045	38.91	38.91	1.5	ANNUAL	ALL	5	
595698	4130782	0.14577	38.7	38.7	1.5	ANNUAL	ALL	5	
595718	4130782	0.14136	38.68	38.68	1.5	ANNUAL	ALL	5	
595738	4130782	0.13731	39.01	39.01	1.5	ANNUAL	ALL	5	
595758	4130782	0.13325	38.97	38.97	1.5	ANNUAL	ALL	5	
595778	4130782	0.12939	38.92	38.92	1.5	ANNUAL	ALL	5	
595798	4130782	0.12561	38.7	38.7	1.5	ANNUAL	ALL	5	
594318	4130802	0.39605	39.92	39.92	1.5	ANNUAL	ALL	5	
594338	4130802	0.42265	39.89	39.89	1.5	ANNUAL	ALL	5	
594358	4130802	0.45124	40	40	1.5	ANNUAL	ALL	5	
594378	4130802	0.48125	39.86	39.86	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594398	4130802	0.5132	39.82	39.82	1.5	ANNUAL	ALL	5	
594418	4130802	0.54718	39.94	39.94	1.5	ANNUAL	ALL	5	
594438	4130802	0.58271	40.01	40.01	1.5	ANNUAL	ALL	5	
594458	4130802	0.6194	39.95	39.95	1.5	ANNUAL	ALL	5	
594478	4130802	0.65666	39.68	39.68	1.5	ANNUAL	ALL	5	
594498	4130802	0.69625	39.9	39.9	1.5	ANNUAL	ALL	5	
594518	4130802	0.73563	39.87	39.87	1.5	ANNUAL	ALL	5	
594538	4130802	0.77505	39.84	39.84	1.5	ANNUAL	ALL	5	
594558	4130802	0.81249	39.49	39.49	1.5	ANNUAL	ALL	5	
594578	4130802	0.85104	39.68	39.68	1.5	ANNUAL	ALL	5	
594598	4130802	0.88607	39.53	39.53	1.5	ANNUAL	ALL	5	
594618	4130802	0.91939	39.59	39.59	1.5	ANNUAL	ALL	5	
594678	4130802	0.99428	39.69	39.69	1.5	ANNUAL	ALL	5	
594698	4130802	1.00751	39.54	39.54	1.5	ANNUAL	ALL	5	
594718	4130802	1.01408	39.28	39.28	1.5	ANNUAL	ALL	5	
594758	4130802	1.01302	38.91	38.91	1.5	ANNUAL	ALL	5	
594778	4130802	1.01148	39.24	39.24	1.5	ANNUAL	ALL	5	
594798	4130802	1.00278	38.86	38.86	1.5	ANNUAL	ALL	5	
594818	4130802	0.99669	38.87	38.87	1.5	ANNUAL	ALL	5	
594838	4130802	0.98938	38.82	38.82	1.5	ANNUAL	ALL	5	
594858	4130802	0.98137	38.97	38.97	1.5	ANNUAL	ALL	5	
594878	4130802	0.96783	39.09	39.09	1.5	ANNUAL	ALL	5	
594898	4130802	0.94292	38.85	38.85	1.5	ANNUAL	ALL	5	
594938	4130802	0.8627	38.84	38.84	1.5	ANNUAL	ALL	5	
594958	4130802	0.80711	38.97	38.97	1.5	ANNUAL	ALL	5	
594978	4130802	0.7457	39.31	39.31	1.5	ANNUAL	ALL	5	
594998	4130802	0.67948	39.24	39.24	1.5	ANNUAL	ALL	5	
595018	4130802	0.61647	39.31	39.31	1.5	ANNUAL	ALL	5	
595038	4130802	0.56058	39.68	39.68	1.5	ANNUAL	ALL	5	
595058	4130802	0.51142	39.78	39.78	1.5	ANNUAL	ALL	5	
595078	4130802	0.46963	39.59	39.59	1.5	ANNUAL	ALL	5	
595118	4130802	0.408	39.79	39.79	1.5	ANNUAL	ALL	5	
595138	4130802	0.3834	39.56	39.56	1.5	ANNUAL	ALL	5	
595158	4130802	0.36171	39.3	39.3	1.5	ANNUAL	ALL	5	
595198	4130802	0.32546	39.3	39.3	1.5	ANNUAL	ALL	5	
595218	4130802	0.30993	39.38	39.38	1.5	ANNUAL	ALL	5	
595238	4130802	0.29564	39.29	39.29	1.5	ANNUAL	ALL	5	
595278	4130802	0.27154	39.29	39.29	1.5	ANNUAL	ALL	5	
595298	4130802	0.26139	39.35	39.35	1.5	ANNUAL	ALL	5	
595318	4130802	0.25193	39.17	39.17	1.5	ANNUAL	ALL	5	
595338	4130802	0.24313	38.84	38.84	1.5	ANNUAL	ALL	5	
595378	4130802	0.22794	38.71	38.71	1.5	ANNUAL	ALL	5	
595398	4130802	0.22104	38.7	38.7	1.5	ANNUAL	ALL	5	
595418	4130802	0.21417	38.41	38.41	1.5	ANNUAL	ALL	5	
595438	4130802	0.2077	38.28	38.28	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595478	4130802	0.19589	38.65	38.65	1.5	ANNUAL	ALL	5	
595498	4130802	0.18982	38.36	38.36	1.5	ANNUAL	ALL	5	
595518	4130802	0.18418	38.4	38.4	1.5	ANNUAL	ALL	5	
595538	4130802	0.17875	38.51	38.51	1.5	ANNUAL	ALL	5	
595578	4130802	0.16832	38.72	38.72	1.5	ANNUAL	ALL	5	
595598	4130802	0.16324	38.69	38.69	1.5	ANNUAL	ALL	5	
595618	4130802	0.1584	38.77	38.77	1.5	ANNUAL	ALL	5	
595638	4130802	0.15362	38.67	38.67	1.5	ANNUAL	ALL	5	
595658	4130802	0.149	38.56	38.56	1.5	ANNUAL	ALL	5	
595678	4130802	0.14475	38.81	38.81	1.5	ANNUAL	ALL	5	
595698	4130802	0.14045	38.68	38.68	1.5	ANNUAL	ALL	5	
595718	4130802	0.13634	38.57	38.57	1.5	ANNUAL	ALL	5	
595738	4130802	0.13246	38.66	38.66	1.5	ANNUAL	ALL	5	
595758	4130802	0.12871	38.67	38.67	1.5	ANNUAL	ALL	5	
595778	4130802	0.12509	38.65	38.65	1.5	ANNUAL	ALL	5	
595798	4130802	0.12147	38.27	38.27	1.5	ANNUAL	ALL	5	
594318	4130822	0.40198	39.74	39.74	1.5	ANNUAL	ALL	5	
594338	4130822	0.42764	39.88	39.88	1.5	ANNUAL	ALL	5	
594358	4130822	0.45472	39.98	39.98	1.5	ANNUAL	ALL	5	
594378	4130822	0.48262	39.72	39.72	1.5	ANNUAL	ALL	5	
594398	4130822	0.51217	39.68	39.68	1.5	ANNUAL	ALL	5	
594418	4130822	0.54358	39.94	39.94	1.5	ANNUAL	ALL	5	
594438	4130822	0.57542	39.88	39.88	1.5	ANNUAL	ALL	5	
594458	4130822	0.60783	39.72	39.72	1.5	ANNUAL	ALL	5	
594478	4130822	0.64061	39.51	39.51	1.5	ANNUAL	ALL	5	
594498	4130822	0.6748	39.68	39.68	1.5	ANNUAL	ALL	5	
594518	4130822	0.70814	39.62	39.62	1.5	ANNUAL	ALL	5	
594538	4130822	0.74114	39.63	39.63	1.5	ANNUAL	ALL	5	
594558	4130822	0.77187	39.36	39.36	1.5	ANNUAL	ALL	5	
594578	4130822	0.8024	39.45	39.45	1.5	ANNUAL	ALL	5	
594598	4130822	0.83048	39.5	39.5	1.5	ANNUAL	ALL	5	
594618	4130822	0.85494	39.41	39.41	1.5	ANNUAL	ALL	5	
594678	4130822	0.90639	39.51	39.51	1.5	ANNUAL	ALL	5	
594698	4130822	0.91318	39.35	39.35	1.5	ANNUAL	ALL	5	
594718	4130822	0.91527	39.17	39.17	1.5	ANNUAL	ALL	5	
594758	4130822	0.90829	38.74	38.74	1.5	ANNUAL	ALL	5	
594778	4130822	0.90575	39.07	39.07	1.5	ANNUAL	ALL	5	
594798	4130822	0.8987	38.82	38.82	1.5	ANNUAL	ALL	5	
594818	4130822	0.89274	38.73	38.73	1.5	ANNUAL	ALL	5	
594838	4130822	0.88615	38.65	38.65	1.5	ANNUAL	ALL	5	
594858	4130822	0.87836	38.74	38.74	1.5	ANNUAL	ALL	5	
594878	4130822	0.86446	38.68	38.68	1.5	ANNUAL	ALL	5	
594898	4130822	0.84295	38.63	38.63	1.5	ANNUAL	ALL	5	
594938	4130822	0.77186	38.67	38.67	1.5	ANNUAL	ALL	5	
594958	4130822	0.72408	38.9	38.9	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594978	4130822	0.66959	38.96	38.96	1.5	ANNUAL	ALL	5	
594998	4130822	0.61345	39.06	39.06	1.5	ANNUAL	ALL	5	
595018	4130822	0.55891	39.1	39.1	1.5	ANNUAL	ALL	5	
595038	4130822	0.50994	39.34	39.34	1.5	ANNUAL	ALL	5	
595058	4130822	0.46701	39.47	39.47	1.5	ANNUAL	ALL	5	
595078	4130822	0.43062	39.48	39.48	1.5	ANNUAL	ALL	5	
595118	4130822	0.37531	39.45	39.45	1.5	ANNUAL	ALL	5	
595138	4130822	0.35375	39.36	39.36	1.5	ANNUAL	ALL	5	
595158	4130822	0.33465	39.17	39.17	1.5	ANNUAL	ALL	5	
595198	4130822	0.30251	39.26	39.26	1.5	ANNUAL	ALL	5	
595218	4130822	0.28839	39.27	39.27	1.5	ANNUAL	ALL	5	
595238	4130822	0.2753	39.13	39.13	1.5	ANNUAL	ALL	5	
595278	4130822	0.2532	39.22	39.22	1.5	ANNUAL	ALL	5	
595298	4130822	0.24383	39.31	39.31	1.5	ANNUAL	ALL	5	
595318	4130822	0.23493	38.96	38.96	1.5	ANNUAL	ALL	5	
595338	4130822	0.22705	38.81	38.81	1.5	ANNUAL	ALL	5	
595378	4130822	0.21323	38.62	38.62	1.5	ANNUAL	ALL	5	
595398	4130822	0.20713	38.65	38.65	1.5	ANNUAL	ALL	5	
595418	4130822	0.20099	38.32	38.32	1.5	ANNUAL	ALL	5	
595438	4130822	0.19532	38.23	38.23	1.5	ANNUAL	ALL	5	
595478	4130822	0.18489	38.48	38.48	1.5	ANNUAL	ALL	5	
595498	4130822	0.17964	38.3	38.3	1.5	ANNUAL	ALL	5	
595518	4130822	0.17479	38.5	38.5	1.5	ANNUAL	ALL	5	
595538	4130822	0.16982	38.37	38.37	1.5	ANNUAL	ALL	5	
595558	4130822	0.16513	38.48	38.48	1.5	ANNUAL	ALL	5	
595578	4130822	0.16062	38.71	38.71	1.5	ANNUAL	ALL	5	
595598	4130822	0.15605	38.64	38.64	1.5	ANNUAL	ALL	5	
595618	4130822	0.15175	38.83	38.83	1.5	ANNUAL	ALL	5	
595638	4130822	0.14733	38.56	38.56	1.5	ANNUAL	ALL	5	
595658	4130822	0.14313	38.44	38.44	1.5	ANNUAL	ALL	5	
595678	4130822	0.13928	38.82	38.82	1.5	ANNUAL	ALL	5	
595698	4130822	0.13529	38.6	38.6	1.5	ANNUAL	ALL	5	
595718	4130822	0.13156	38.64	38.64	1.5	ANNUAL	ALL	5	
595738	4130822	0.12794	38.68	38.68	1.5	ANNUAL	ALL	5	
595758	4130822	0.12443	38.6	38.6	1.5	ANNUAL	ALL	5	
595778	4130822	0.12108	38.67	38.67	1.5	ANNUAL	ALL	5	
595798	4130822	0.11763	38.14	38.14	1.5	ANNUAL	ALL	5	
594318	4130842	0.40536	39.6	39.6	1.5	ANNUAL	ALL	5	
594338	4130842	0.42961	39.76	39.76	1.5	ANNUAL	ALL	5	
594358	4130842	0.45458	39.67	39.67	1.5	ANNUAL	ALL	5	
594378	4130842	0.48052	39.56	39.56	1.5	ANNUAL	ALL	5	
594398	4130842	0.50761	39.58	39.58	1.5	ANNUAL	ALL	5	
594418	4130842	0.53689	40.3	40.3	1.5	ANNUAL	ALL	5	
594438	4130842	0.56424	39.73	39.73	1.5	ANNUAL	ALL	5	
594458	4130842	0.59255	39.52	39.52	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594478	4130842	0.62095	39.34	39.34	1.5	ANNUAL	ALL	5	
594498	4130842	0.65098	39.78	39.78	1.5	ANNUAL	ALL	5	
594518	4130842	0.67812	39.46	39.46	1.5	ANNUAL	ALL	5	
594538	4130842	0.70527	39.47	39.47	1.5	ANNUAL	ALL	5	
594558	4130842	0.7299	39.21	39.21	1.5	ANNUAL	ALL	5	
594578	4130842	0.75416	39.34	39.34	1.5	ANNUAL	ALL	5	
594598	4130842	0.77606	39.48	39.48	1.5	ANNUAL	ALL	5	
594618	4130842	0.79429	39.46	39.46	1.5	ANNUAL	ALL	5	
594678	4130842	0.82566	39.13	39.13	1.5	ANNUAL	ALL	5	
594698	4130842	0.82927	39.19	39.19	1.5	ANNUAL	ALL	5	
594718	4130842	0.82649	38.74	38.74	1.5	ANNUAL	ALL	5	
594758	4130842	0.81945	38.73	38.73	1.5	ANNUAL	ALL	5	
594778	4130842	0.81518	38.81	38.81	1.5	ANNUAL	ALL	5	
594798	4130842	0.81039	38.78	38.78	1.5	ANNUAL	ALL	5	
594818	4130842	0.80652	38.88	38.88	1.5	ANNUAL	ALL	5	
594838	4130842	0.79901	38.52	38.52	1.5	ANNUAL	ALL	5	
594858	4130842	0.79166	38.6	38.6	1.5	ANNUAL	ALL	5	
594878	4130842	0.77828	38.48	38.48	1.5	ANNUAL	ALL	5	
594898	4130842	0.75938	38.59	38.59	1.5	ANNUAL	ALL	5	
594938	4130842	0.69515	38.54	38.54	1.5	ANNUAL	ALL	5	
594958	4130842	0.65325	38.77	38.77	1.5	ANNUAL	ALL	5	
594978	4130842	0.6059	38.85	38.85	1.5	ANNUAL	ALL	5	
594998	4130842	0.55678	38.86	38.86	1.5	ANNUAL	ALL	5	
595018	4130842	0.50957	38.97	38.97	1.5	ANNUAL	ALL	5	
595038	4130842	0.46706	39.33	39.33	1.5	ANNUAL	ALL	5	
595058	4130842	0.42906	39.44	39.44	1.5	ANNUAL	ALL	5	
595078	4130842	0.39649	39.38	39.38	1.5	ANNUAL	ALL	5	
595118	4130842	0.34714	39.44	39.44	1.5	ANNUAL	ALL	5	
595138	4130842	0.32744	39.12	39.12	1.5	ANNUAL	ALL	5	
595158	4130842	0.31083	39.17	39.17	1.5	ANNUAL	ALL	5	
595198	4130842	0.28228	39.37	39.37	1.5	ANNUAL	ALL	5	
595218	4130842	0.26923	39.14	39.14	1.5	ANNUAL	ALL	5	
595238	4130842	0.25746	39.11	39.11	1.5	ANNUAL	ALL	5	
595278	4130842	0.23699	39.16	39.16	1.5	ANNUAL	ALL	5	
595298	4130842	0.22827	39.25	39.25	1.5	ANNUAL	ALL	5	
595318	4130842	0.22	38.91	38.91	1.5	ANNUAL	ALL	5	
595338	4130842	0.2127	38.79	38.79	1.5	ANNUAL	ALL	5	
595378	4130842	0.20009	38.69	38.69	1.5	ANNUAL	ALL	5	
595398	4130842	0.19446	38.63	38.63	1.5	ANNUAL	ALL	5	
595418	4130842	0.18894	38.28	38.28	1.5	ANNUAL	ALL	5	
595438	4130842	0.18395	38.26	38.26	1.5	ANNUAL	ALL	5	
595478	4130842	0.17471	38.48	38.48	1.5	ANNUAL	ALL	5	
595498	4130842	0.1701	38.33	38.33	1.5	ANNUAL	ALL	5	
595518	4130842	0.16567	38.29	38.29	1.5	ANNUAL	ALL	5	
595538	4130842	0.16137	38.3	38.3	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595558	4130842	0.15714	38.28	38.28	1.5	ANNUAL	ALL	5	
595578	4130842	0.15315	38.54	38.54	1.5	ANNUAL	ALL	5	
595598	4130842	0.14905	38.45	38.45	1.5	ANNUAL	ALL	5	
595618	4130842	0.14518	38.61	38.61	1.5	ANNUAL	ALL	5	
595638	4130842	0.14128	38.52	38.52	1.5	ANNUAL	ALL	5	
595658	4130842	0.13746	38.38	38.38	1.5	ANNUAL	ALL	5	
595678	4130842	0.13393	38.68	38.68	1.5	ANNUAL	ALL	5	
595698	4130842	0.13033	38.55	38.55	1.5	ANNUAL	ALL	5	
595718	4130842	0.12686	38.56	38.56	1.5	ANNUAL	ALL	5	
595738	4130842	0.12355	38.63	38.63	1.5	ANNUAL	ALL	5	
595758	4130842	0.12028	38.55	38.55	1.5	ANNUAL	ALL	5	
595778	4130842	0.11713	38.52	38.52	1.5	ANNUAL	ALL	5	
595798	4130842	0.11392	37.98	37.98	1.5	ANNUAL	ALL	5	
594318	4130862	0.40636	39.56	39.56	1.5	ANNUAL	ALL	5	
594338	4130862	0.42878	39.62	39.62	1.5	ANNUAL	ALL	5	
594358	4130862	0.4519	39.61	39.61	1.5	ANNUAL	ALL	5	
594378	4130862	0.47543	39.45	39.45	1.5	ANNUAL	ALL	5	
594398	4130862	0.49993	39.51	39.51	1.5	ANNUAL	ALL	5	
594418	4130862	0.52539	39.82	39.82	1.5	ANNUAL	ALL	5	
594438	4130862	0.55022	39.7	39.7	1.5	ANNUAL	ALL	5	
594458	4130862	0.57442	39.36	39.36	1.5	ANNUAL	ALL	5	
594478	4130862	0.59882	39.24	39.24	1.5	ANNUAL	ALL	5	
594498	4130862	0.62454	39.77	39.77	1.5	ANNUAL	ALL	5	
594518	4130862	0.64679	39.41	39.41	1.5	ANNUAL	ALL	5	
594538	4130862	0.66791	39.15	39.15	1.5	ANNUAL	ALL	5	
594558	4130862	0.68815	39.12	39.12	1.5	ANNUAL	ALL	5	
594578	4130862	0.70685	39.22	39.22	1.5	ANNUAL	ALL	5	
594598	4130862	0.7234	39.39	39.39	1.5	ANNUAL	ALL	5	
594618	4130862	0.73619	39.33	39.33	1.5	ANNUAL	ALL	5	
594678	4130862	0.75348	38.84	38.84	1.5	ANNUAL	ALL	5	
594698	4130862	0.7542	38.93	38.93	1.5	ANNUAL	ALL	5	
594718	4130862	0.75207	38.93	38.93	1.5	ANNUAL	ALL	5	
594758	4130862	0.74272	38.68	38.68	1.5	ANNUAL	ALL	5	
594778	4130862	0.7391	38.8	38.8	1.5	ANNUAL	ALL	5	
594798	4130862	0.73473	38.7	38.7	1.5	ANNUAL	ALL	5	
594818	4130862	0.73081	38.67	38.67	1.5	ANNUAL	ALL	5	
594838	4130862	0.72464	38.41	38.41	1.5	ANNUAL	ALL	5	
594858	4130862	0.71816	38.58	38.58	1.5	ANNUAL	ALL	5	
594878	4130862	0.70518	38.39	38.39	1.5	ANNUAL	ALL	5	
594898	4130862	0.68728	38.44	38.44	1.5	ANNUAL	ALL	5	
594938	4130862	0.62924	38.34	38.34	1.5	ANNUAL	ALL	5	
594958	4130862	0.59253	38.63	38.63	1.5	ANNUAL	ALL	5	
594978	4130862	0.55147	38.82	38.82	1.5	ANNUAL	ALL	5	
594998	4130862	0.50816	38.75	38.75	1.5	ANNUAL	ALL	5	
595018	4130862	0.46649	38.77	38.77	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
595038	4130862	0.42865	38.98	38.98	1.5	ANNUAL	ALL	5	
595058	4130862	0.39518	39.17	39.17	1.5	ANNUAL	ALL	5	
595078	4130862	0.36619	39.17	39.17	1.5	ANNUAL	ALL	5	
595118	4130862	0.32184	39.25	39.25	1.5	ANNUAL	ALL	5	
595138	4130862	0.30439	39.08	39.08	1.5	ANNUAL	ALL	5	
595158	4130862	0.28933	39.02	39.02	1.5	ANNUAL	ALL	5	
595198	4130862	0.26373	39.15	39.15	1.5	ANNUAL	ALL	5	
595238	4130862	0.24123	38.84	38.84	1.5	ANNUAL	ALL	5	
595278	4130862	0.22248	38.98	38.98	1.5	ANNUAL	ALL	5	
595298	4130862	0.21411	38.83	38.83	1.5	ANNUAL	ALL	5	
595318	4130862	0.20658	38.73	38.73	1.5	ANNUAL	ALL	5	
595338	4130862	0.19979	38.64	38.64	1.5	ANNUAL	ALL	5	
595378	4130862	0.18796	38.43	38.43	1.5	ANNUAL	ALL	5	
595398	4130862	0.18283	38.42	38.42	1.5	ANNUAL	ALL	5	
595418	4130862	0.17779	38.07	38.07	1.5	ANNUAL	ALL	5	
595438	4130862	0.17339	38.17	38.17	1.5	ANNUAL	ALL	5	
595478	4130862	0.16502	38.2	38.2	1.5	ANNUAL	ALL	5	
595498	4130862	0.16105	38.25	38.25	1.5	ANNUAL	ALL	5	
595518	4130862	0.15713	38.21	38.21	1.5	ANNUAL	ALL	5	
595538	4130862	0.15322	38.05	38.05	1.5	ANNUAL	ALL	5	
595558	4130862	0.1496	38.23	38.23	1.5	ANNUAL	ALL	5	
595578	4130862	0.1461	38.56	38.56	1.5	ANNUAL	ALL	5	
595598	4130862	0.1425	38.58	38.58	1.5	ANNUAL	ALL	5	
595618	4130862	0.1389	38.46	38.46	1.5	ANNUAL	ALL	5	
595638	4130862	0.1354	38.4	38.4	1.5	ANNUAL	ALL	5	
595658	4130862	0.13198	38.36	38.36	1.5	ANNUAL	ALL	5	
595678	4130862	0.12876	38.59	38.59	1.5	ANNUAL	ALL	5	
595698	4130862	0.12546	38.44	38.44	1.5	ANNUAL	ALL	5	
595718	4130862	0.12236	38.61	38.61	1.5	ANNUAL	ALL	5	
595738	4130862	0.11929	38.59	38.59	1.5	ANNUAL	ALL	5	
595758	4130862	0.11628	38.56	38.56	1.5	ANNUAL	ALL	5	
595778	4130862	0.11336	38.55	38.55	1.5	ANNUAL	ALL	5	
595798	4130862	0.11041	38.11	38.11	1.5	ANNUAL	ALL	5	
594318	4130882	0.40472	39.36	39.36	1.5	ANNUAL	ALL	5	
594338	4130882	0.42526	39.38	39.38	1.5	ANNUAL	ALL	5	
594358	4130882	0.44618	39.31	39.31	1.5	ANNUAL	ALL	5	
594378	4130882	0.46753	39.26	39.26	1.5	ANNUAL	ALL	5	
594398	4130882	0.48917	39.22	39.22	1.5	ANNUAL	ALL	5	
594418	4130882	0.51126	39.34	39.34	1.5	ANNUAL	ALL	5	
594438	4130882	0.53287	39.27	39.27	1.5	ANNUAL	ALL	5	
594458	4130882	0.55387	39.09	39.09	1.5	ANNUAL	ALL	5	
594478	4130882	0.57454	39.01	39.01	1.5	ANNUAL	ALL	5	
594498	4130882	0.59552	39.31	39.31	1.5	ANNUAL	ALL	5	
594518	4130882	0.61408	39.15	39.15	1.5	ANNUAL	ALL	5	
594538	4130882	0.6312	39	39	1.5	ANNUAL	ALL	5	

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594558	4130882	0.64723	39.04	39.04	1.5	ANNUAL	ALL	5	
594578	4130882	0.66182	39.25	39.25	1.5	ANNUAL	ALL	5	
594598	4130882	0.67197	38.91	38.91	1.5	ANNUAL	ALL	5	
594618	4130882	0.6818	39.17	39.17	1.5	ANNUAL	ALL	5	
594678	4130882	0.69035	38.88	38.88	1.5	ANNUAL	ALL	5	
594698	4130882	0.68715	38.54	38.54	1.5	ANNUAL	ALL	5	
594718	4130882	0.68388	38.52	38.52	1.5	ANNUAL	ALL	5	
594758	4130882	0.67541	38.42	38.42	1.5	ANNUAL	ALL	5	
594778	4130882	0.67187	38.43	38.43	1.5	ANNUAL	ALL	5	
594798	4130882	0.6687	38.42	38.42	1.5	ANNUAL	ALL	5	
594818	4130882	0.66467	38.25	38.25	1.5	ANNUAL	ALL	5	
594838	4130882	0.66009	38.21	38.21	1.5	ANNUAL	ALL	5	
594858	4130882	0.65289	38.18	38.18	1.5	ANNUAL	ALL	5	
594878	4130882	0.64104	38.08	38.08	1.5	ANNUAL	ALL	5	
594898	4130882	0.62436	38.12	38.12	1.5	ANNUAL	ALL	5	
594938	4130882	0.57249	38.14	38.14	1.5	ANNUAL	ALL	5	
594958	4130882	0.53938	38.3	38.3	1.5	ANNUAL	ALL	5	
594978	4130882	0.50301	38.42	38.42	1.5	ANNUAL	ALL	5	
595038	4130882	0.39529	38.77	38.77	1.5	ANNUAL	ALL	5	
595058	4130882	0.365	38.77	38.77	1.5	ANNUAL	ALL	5	
595078	4130882	0.33926	38.89	38.89	1.5	ANNUAL	ALL	5	
595098	4130882	0.31749	38.96	38.96	1.5	ANNUAL	ALL	5	
595118	4130882	0.29923	39	39	1.5	ANNUAL	ALL	5	
595138	4130882	0.28353	38.88	38.88	1.5	ANNUAL	ALL	5	
595158	4130882	0.26991	38.77	38.77	1.5	ANNUAL	ALL	5	
595178	4130882	0.25766	38.61	38.61	1.5	ANNUAL	ALL	5	
594658	4130982	0.46328	38.34	38.34	1.5	ANNUAL	ALL	5	

CONCUNIT /m^3

DEPUNIT g ^2

AERMOD (19: 1): C:\Lakes\AE RMOD Vie CC FMP_C \SJCC FMP CDC.isc 1/6/2002 1
AERMET (191 1): 18:39:01 3
MODELING OI ONS USED: Reg DFAULT C ELEV FL GPOL URE N ADJ_ U*
PLOT FILE OF ANNUAL VALUES A\ GED ACRO 5 YEARS FOR SO URCE GRO UP: SRCGP5
FOR A TOTAL OF 17 RECEPTORS.
FORMA T: (3(1X,F13.5) ,3(1X,F8.2) 2X,A6,2X,A 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594916.85	4130103.57	0.2604	44.52	44.52	1.5	ANNUAL	SRCGP5	5	
594936.85	4130103.57	0.30531	44.67	44.67	1.5	ANNUAL	SRCGP5	5	
594956.85	4130103.57	0.36387	44.61	44.61	1.5	ANNUAL	SRCGP5	5	
594976.85	4130103.57	0.43944	44.39	44.39	1.5	ANNUAL	SRCGP5	5	
594916.85	4130123.57	0.28837	44.55	44.55	1.5	ANNUAL	SRCGP5	5	
594936.85	4130123.57	0.34082	44.58	44.58	1.5	ANNUAL	SRCGP5	5	
594956.85	4130123.57	0.40851	44.8	44.8	1.5	ANNUAL	SRCGP5	5	
594976.85	4130123.57	0.49914	44.56	44.56	1.5	ANNUAL	SRCGP5	5	
594916.85	4130143.57	0.32242	44.45	44.45	1.5	ANNUAL	SRCGP5	5	
594936.85	4130143.57	0.38214	44.8	44.8	1.5	ANNUAL	SRCGP5	5	
594956.85	4130143.57	0.46539	44.57	44.57	1.5	ANNUAL	SRCGP5	5	
594976.85	4130143.57	0.57609	44.34	44.34	1.5	ANNUAL	SRCGP5	5	
594916.85	4130163.57	0.36332	44.49	44.49	1.5	ANNUAL	SRCGP5	5	
594936.85	4130163.57	0.43702	44.28	44.28	1.5	ANNUAL	SRCGP5	5	
594956.85	4130163.57	0.53848	44.06	44.06	1.5	ANNUAL	SRCGP5	5	
594976.85	4130163.57	0.67778	43.74	43.74	1.5	ANNUAL	SRCGP5	5	

CONCUNIT ug/m^3
DEPUNIT g/m² 2

AERMOD (19 1): C:\Lakes\AE RMOD View CC FMP_C \SJCC FMP CDC.isc 1/6/2002 1
AERMET (191 1): 18:39:01 3
MODELING O ONS USED: Re DFAULT CO ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF ANNUA VALUES AV GED ACRO 5 YEARS FOR SO URCE GRO UP: SRCGP3
FOR A TOTAL OF 17 RECEPTORS.
FORMA T: (3(1X,F13.5) ,3(1X,F8.2), 2X,A6,2X, 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE C	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594916.85	4130103.57	3.3523	44.52	44.52	1.5	ANNUAL	SRCGP3	5	
594936.85	4130103.57	4.89448	44.67	44.67	1.5	ANNUAL	SRCGP3	5	
594956.85	4130103.57	6.50719	44.61	44.61	1.5	ANNUAL	SRCGP3	5	
594976.85	4130103.57	7.94973	44.39	44.39	1.5	ANNUAL	SRCGP3	5	
594916.85	4130123.57	6.03984	44.55	44.55	1.5	ANNUAL	SRCGP3	5	
594936.85	4130123.57	8.60883	44.58	44.58	1.5	ANNUAL	SRCGP3	5	
594956.85	4130123.57	10.71764	44.8	44.8	1.5	ANNUAL	SRCGP3	5	
594976.85	4130123.57	12.32046	44.56	44.56	1.5	ANNUAL	SRCGP3	5	
594916.85	4130143.57	11.98739	44.45	44.45	1.5	ANNUAL	SRCGP3	5	
594936.85	4130143.57	15.48542	44.8	44.8	1.5	ANNUAL	SRCGP3	5	
594956.85	4130143.57	17.81156	44.57	44.57	1.5	ANNUAL	SRCGP3	5	
594976.85	4130143.57	19.04084	44.34	44.34	1.5	ANNUAL	SRCGP3	5	
594916.85	4130163.57	22.61728	44.49	44.49	1.5	ANNUAL	SRCGP3	5	
594936.85	4130163.57	25.95672	44.28	44.28	1.5	ANNUAL	SRCGP3	5	
594956.85	4130163.57	27.42675	44.06	44.06	1.5	ANNUAL	SRCGP3	5	
594976.85	4130163.57	27.86294	43.74	43.74	1.5	ANNUAL	SRCGP3	5	

CONCUNIT ug m^3
DEPUNIT g/m 2

AERMOD (191 1): C:\Lake ERMOD Vi CC FMP Th ater_CDC\ JCC FMP Theater _CDC.isc 1/25/2021
AERMET (191 1): 18:54:50
MODELING OP ONS USED gDFAULT (ELEV FL GPOL URB N ADJ_ U*
PLOT FILE OF AN VALUES A GED ACRO 5 YEARS FOR SO URCE GRO UP: ALL
FOR A TOTAL OF 6 RECEPTORS.
FORMA T: (3(1X,F1),3(1X,F8.2 2X,A6,2X, 8,2X,I8.8, 2X,A8)

X	Y	AVERAGE (	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
594916.85	4130104	0.29127	44.52	44.52	1.5	ANNUAL	ALL	5	
594936.85	4130104	0.34213	44.67	44.67	1.5	ANNUAL	ALL	5	
594956.85	4130104	0.40418	44.61	44.61	1.5	ANNUAL	ALL	5	
594976.85	4130104	0.47826	44.39	44.39	1.5	ANNUAL	ALL	5	
594916.85	4130124	0.32087	44.55	44.55	1.5	ANNUAL	ALL	5	
594936.85	4130124	0.38053	44.58	44.58	1.5	ANNUAL	ALL	5	
594956.85	4130124	0.45226	44.8	44.8	1.5	ANNUAL	ALL	5	
594976.85	4130124	0.54031	44.56	44.56	1.5	ANNUAL	ALL	5	
594916.85	4130144	0.35594	44.45	44.45	1.5	ANNUAL	ALL	5	
594936.85	4130144	0.42448	44.8	44.8	1.5	ANNUAL	ALL	5	
594956.85	4130144	0.5122	44.57	44.57	1.5	ANNUAL	ALL	5	
594976.85	4130144	0.6183	44.34	44.34	1.5	ANNUAL	ALL	5	
594916.85	4130164	0.39663	44.49	44.49	1.5	ANNUAL	ALL	5	
594936.85	4130164	0.48103	44.28	44.28	1.5	ANNUAL	ALL	5	
594956.85	4130164	0.58715	44.06	44.06	1.5	ANNUAL	ALL	5	
594976.85	4130164	0.71799	43.74	43.74	1.5	ANNUAL	ALL	5	

CONCUNIT ug/ m^3
DEPUNIT g/m^ 2

Operational Emissions Calculations

San Jose City College FMP - Operational emissions

2030 OPERATIONAL EMISSIONS - Criteria Air Pollutants

Source	Tons per year				Pounds per day				
	ROG	NOx	Total PM_{10}	Total $PM_{2.5}$	ROG	NOx	Total PM_{10}	Total $PM_{2.5}$	
FMP Proposed									
Area	3.61	0.00	0.00	0.00	19.8	0.0	0.0	0.0	
Electricity	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	
Mobile	1.30	5.65	7.97	2.16	7.1	31.0	43.7	11.9	
Emergency Generator	0.02	0.32	0.01	0.01	0.09	1.78	0.06	0.05	2 new generators estimated outside CalEEMod
Natural Gas	0.21	1.89	0.14	0.14	1.14	10.35	0.79	0.8	Natural gas emissions calculated outside CalEEMod
TOTAL - Proposed under FMP	5.14	7.86	8.13	2.32	28.2	43.1	44.5	12.7	
Existing									
Area	2.81	0.00	0.00	0.00	15.4	0.0	0.0	0.0	
Electricity	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	
Mobile	1.10	4.76	6.71	1.82	6.0	26.1	36.8	10.0	
Emergency Generator	0.04	0.16	0.01	0.01	0.2	0.9	0.0	0.0	1 generator included in CalEEMod run
Natural Gas	0.12	1.06	0.08	0.08	0.6	5.8	0.4	0.4	Natural gas emissions calculated outside CalEEMod
TOTAL - Existing	4.06	5.98	6.80	1.91	22.2	32.8	37.2	10.5	
Net Change	1.1	1.9	1.3	0.4	5.9	10.3	7.3	2.2	

2030 UNMITIGATED OPERATIONAL EMISSIONS - GHG (metric tons/year)

Operational Source	CO_2	CH_4	N_2O	CO_2e	FMP Increase over Existing		
Proposed							
Area	0.0	0.00	0.000	0.02	0.01		
Electricity	550	0.08	0.016	557	-15	78.2	% of the new and renovated area will generate electricity emissions as the remaining, the new CTE building is proposed to be ZNE
Mobile	6262	0.18	0.000	6267	993		
Solid waste	224	13.25	0.000	555	140		
Water & Wastewater	55	0.05	0.032	66	15		
Emergency Generators				46	30	2 new generators estimated outside CalEEMod	
Natural Gas	2057	0.04	0.000	2058	901	Natural gas emissions calculated outside CalEEMod	
Total Operational Emissions	9149	13.6	0.048	9549	2063		
Amortized Construction				109			
Project Total				9658			
Service Population (SP)				11561			
Emissions/SP				0.84			
Existing							
Area	0.0	3.00E-05	0.000	0.01			
Electricity	565	0.08	0.016	571			
Mobile	5270	0.15	0.000	5274			
Solid waste	167	9.90	0.000	415			
Water & Wastewater	43	0.04	0.025	52			
Emergency Generator	17	0.00	0.000	17	1 generator included in CalEEMod run		
Natural Gas	1157	0.02	0.000	1157	Natural gas emissions calculated outside CalEEMod		
Total Existing Operational Emissions	6046	10.17	0.041	7486			
Service Population (SP)				9376			
Emissions/SP				0.80			
Net Change in emissions	3103	3.4	0.007	2063			

VMT Adjustment

CalEEMod default VMT/year	15,384,601.3	project	
CalEEMod default VMT/year	12,995,864.2	existing	
VMT/year based on traffic report	21,328,775.0	project	1.38637164
VMT/year based on traffic report	17,949,970.0	existing	1.38120633

MITIGATED OPERATIONAL EMISSIONS - GHG (metric tons/year)

Operational Source	CO_2	CH_4	N_2O	CO_2e	Reduction from Mitigaton	
Proposed						
Area	0.0	0.00	0.000	0.02	0.0	
Electricity	0	0.00	0.000	0	556.6	all electricity from carbon-free sources
Mobile	6262	0.18	0.000	6267	0.0	
Solid waste	224	13.25	0.000	555	0.0	
Water & Wastewater	55	0.05	0.032	66	0.0	
Emergency Generators				46	0.0	
Natural Gas	837	0.02	0.000	837	1220.5	No increase in natural gas usage from new buildings
Total Operational Emissions	7379	13.5	0.032	7772	1777.2	
Amortized Construction				109		
Project Total				7881		
Service Population (SP)				11561		
Emissions/SP				0.68		
Existing						
Area	0.0	3.00E-05	0.000	0.01		
Electricity	565	0.08	0.016	571		
Mobile	5270	0.15	0.000	5274		
Solid waste	167	9.90	0.000	415		
Water & Wastewater	43	0.04	0.025	52		
Emergency Generator	17	0.00	0.000	17		
Natural Gas	1157	0.02	0.000	1157		
Total Existing Operational Emissions	6046	10.17	0.041	7486		
Service Population (SP)				9376		
Emissions/SP				0.80		
Net Change in emissions	1333	3.3	-0.009	286		

7486 = Target to maintain 2030 FMP emissions at existing level
2172 = $MTCO_2e$ of reduction needed over projected FMP emissions
1777.2 = reductions achieved through switching to 100% carbon free electricity and all new buildings ZNE
395.2 = additional reduction needed to reach existing emission level

SJCC FMP Emergency Generator

Generator Emissions

Conversion Factors

HP/kW	1.3410	
lb/g	0.0022	
lb/ton	2,000	
Metric ton/ton	0.90719	
PM_{10} Fraction of Total PM	0.960	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
$PM_{2.5}$ Fraction of Total PM	0.937	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
CO_2 kg/gal	10.21	Climate Registry, Table 13.1: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
CH_4 g/gal	0.58	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
N_2O g/gal	0.26	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
GWP CH_4	25	IPCC AR4, https://ww2.arb.ca.gov/ghg-gwps
GWP N_2O	298	IPCC AR4, https://ww2.arb.ca.gov/ghg-gwps
CO_2e g/gal	10,302	
CO_2 g/gal	10,210	
CO_2/CO_2e	0.9911	
Number of Generators	2	
Generator Rating:	650 kW	*(Source: Project Description)*
	872 HP	*(based on conservative engineering assumptions; conversion from kW to hp)*
Load Factor:	0.74	*(based on CalEEMod Generator Set Load Factor)*
Engine Emissions Tier:		*(compliance with CARB diesel regulations)*
Operating Hours per Unit:	100 hours/year	
	2.00 hours/day - maximum	
	0.27 hours/day - average	

Units	Criteria Pollutants [1, 2]					Greenhouse Gases [3]	
	VOC	NO_X	CO	PM_{10}	$PM_{2.5}$	CO_2	CO_2e
g/kW-hr	—	—	3.50	—	—	—	—
g/HP-hr	0.24	4.56	2.61	0.1440	0.1406	526.17	530.91
lbs/hr	0.34	6.49	3.71	0.20	0.20	1011.52	1,020.63
lbs/day(maximum daily)	0.68	12.97	7.43	0.41	0.40	2023.04	2041.27
lbs/day (average daily)	**0.09**	**1.78**	**1.02**	**0.06**	**0.05**	**277.13**	279.63
lbs/yr	34.14	648.70	371.29	20.49	19.99	101,152.00	102,063.26
tons/yr	0.02	0.32	0.19	0.010	0.010	50.58	51.03
metric tons/yr	—	—	—	—	—	**45.88**	**46.30**

Notes:

1. Emission factors for VOC and NOX: ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf; Policy: CARB Emission Factors for CI Diesel Engines – Percent HC in Relation to NMHC + NOx: http://www.baaqmd.gov/~/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx
2. Emission factors for CO, PM_{10}, and $PM_{2.5}$: ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf
3. Emission factor for CO_2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.

   Emissions of GHGs assume 99.11% of the CO_2e emissions occur as CO_2, based on Climate Registry emission factors as referenced above.

Table 1: Emission Standards for New Stationary Emergency Standby Diesel-Fueled CI Engines g/bhp-hr (g/kW-hr)

Maximum Engine Power	Model year(s)	PM	NMHC+NOx	CO
50 ≤ HP < 75 (37 ≤ kW < 56)	2007	0.15 (0.20)	5.6 (7.5)	3.7 (5.0)
	2008+		3.5 (4.7)	
75 ≤ HP < 100 (56 ≤ kW < 75)	2007	0.15 (0.20)	5.6 (7.5)	3.7 (5.0)
	2008+		3.5 (4.7)	
100 ≤ HP < 175 (75 ≤ KW < 130)	2007	0.15 (0.20)	3.0 (4.0)	3.7 (5.0)
	2008+			
175 ≤ HP < 300 (130 ≤ kW < 225)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
300 ≤ HP < 600 (225 ≤ kW < 450)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
600 ≤ HP < 750 (450 ≤ kW < 560)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
HP > 750 (kW > 560)	2007	0.15 (0.20)	4.8 (6.4)	2.6 (3.5)
	2008+			

1. May be subject to additional emission limitations as specified in current applicable district rules, regulations or policies.

Based on the Utilities Master Plan for the Campus,
Existing Natural Gas Use at Campus
Total for 2019 = 216765 therms = 21676.5 mmBTU

Estimated Future Natural Gas Use with Project at Campus
Total for 2030 = 385474 therms = 38547.4 mmBTU

Natural Gas Emission Factors from CalEEMod Appendix D, Table 8.2 for non-residential uses,

Scenario	Emission Factors (lb/mmBTU)						Emissions tons/year				Emissions lbs/day				Emissions tons/year	
	ROG	NOx	PM_{10}	$PM_{2.5}$	CO_2	CH_4	ROG	NOx	PM_{10}	$PM_{2.5}$	ROG	NOx	PM_{10}	$PM_{2.5}$	CO_2	CH_4
Existing (2019)	0.0107843	0.0980392	0.007451	0.007451	117.64706	0.002254	0.1	1.1	0.1	0.1	0.6	5.8	0.4	0.4	1156.7	0.02
Project (2030)	0.0107843	0.0980392	0.007451	0.007451	117.64706	0.002254	0.2	1.9	0.1	0.1	1.1	10.4	0.8	0.8	2057.0	0.04

Mitigated Natural Gas Emissions - No Natural Gas in new buildings
From the campus Utility Infrastructure Master Plan,

Total for 2030 = 156863 therms = 15686.3 mmBTU

Project (2030)	0.0107843	0.0980392	0.007451	0.007451	117.64706	0.002254	0.1	0.8	0.1	0.1	0.5	4.2	0.3	0.3	837.1	0.02

Appendix D

Table 8.2 Natural Gas Emission Factors

Land Use Type	TOG, lb/MMBTU	ROG, lb/MMBTU	SO2, lb/MMBTU	NOX, lb/MMBTU	PB, lb/MMBTU	PM10, lb/MMBTU	PM2_5, lb/MMBTU	CO, lb/MMBTU	CO2_NBIO, lb/MMBTU	CH4, lb/MMBTU	N2O, lb/MMBTU
Residential	0.01078431	0.01078431	0.00058824	0.09215686	4.90196E-07	0.00745098	0.00745098	0.03921569	117.647059	0.0022549	0.00215686
Nonresidential	0.01078431	0.01078431	0.00058824	0.09803922	4.90196E-07	0.00745098	0.00745098	0.08235294	117.647059	0.0022549	0.00215686

CalEEMod Outputs for Operational Emissions

SJCC FMP - Existing - Entire Campus, No NG

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	634.69	1000sqft	30.00	634,693.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Estimated total area of the campus excluding sports fields and parking lots

Construction Phase -

Vehicle Trips - Baseline total trips

Energy Use - Natural Gas emissions estimated separately

Water And Wastewater - 100 percent aerobic digestion assumed

Operational Off-Road Equipment -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Process Boilers -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	NT24NG	3.30	0.00
tblEnergyUse	T24NG	23.84	0.00
tblLandUse	LandUseSquareFeet	634,690.00	634,693.00
tblLandUse	LotAcreage	14.57	30.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	11.23	4.23
tblVehicleTrips	SU_TR	1.21	0.46
tblVehicleTrips	WD_TR	27.49	10.35
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Construction emissions not estimated in this run

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.8103	5.00E-05	5.80E-03	0		2.00E-05	2.00E-05		2.00E-05	2.00E-05	0	0.0113	0.0113	3.00E-05	0	0.0121
Energy	0	0	0	0		0	0		0	0	0	564.6712	564.6712	0.078	0.0161	571.4284
Mobile	0.7933	3.4429	9.4795	0.0415	4.8314	0.0276	4.859	1.293	0.0257	1.3186	0	3,815.60	3,815.60	0.1082	0	3,818.30
Stationary	0.0358	0.16	0.0912	1.70E-04		5.26E-03	5.26E-03		5.26E-03	5.26E-03	0	16.6028	16.6028	2.33E-03	0	16.661

Waste						0	0		0	0	167.4878	0	167.4878	9.8983	0	414.944
Water						0	0		0	0	11.0142	32.279	43.2932	0.0424	0.0249	51.7649
Total	**3.6393**	**3.6029**	**9.5765**	**0.0416**	**4.8314**	**0.0329**	**4.8643**	**1.293**	**0.0309**	**1.3239**	**178.502**	**4,429.16**	**4,607.66**	**10.1291**	**0.041**	**4,873.11**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.8103	5.00E-05	5.80E-03	0		2.00E-05	2.00E-05		2.00E-05	2.00E-05	0	0.0113	0.0113	3.00E-05	0	0.0121
Energy	0	0	0	0		0	0		0	0	0	564.6712	564.6712	0.078	0.0161	571.4284
Mobile	0.7933	3.4429	9.4795	0.0415	4.8314	0.0276	4.859	1.293	0.0257	1.3186	0	3,815.60	3,815.60	0.1082	0	3,818.30
Stationary	0.0358	0.16	0.0912	1.70E-04		5.26E-03	5.26E-03		5.26E-03	5.26E-03	0	16.6028	16.6028	2.33E-03	0	16.661
Waste						0	0		0	0	167.4878	0	167.4878	9.8983	0	414.944
Water						0	0		0	0	11.0142	32.279	43.2932	0.0424	0.0249	51.7649
Total	**3.6393**	**3.6029**	**9.5765**	**0.0416**	**4.8314**	**0.0329**	**4.8643**	**1.293**	**0.0309**	**1.3239**	**178.502**	**4,429.16**	**4,607.66**	**10.1291**	**0.041**	**4,873.11**

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

3.0 Construction Detail

Construction emissions not estimated in this run

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7933	3.4429	9.4795	0.0415	4.8314	0.0276	4.8590	1.2930	0.0257	1.3186	0.0000	3,815.5961	3,815.5961	0.1082	0.0000	3,818.3004
Unmitigated	0.7933	3.4429	9.4795	0.0415	4.8314	0.0276	4.8590	1.2930	0.0257	1.3186	0.0000	3,815.5961	3,815.5961	0.1082	0.0000	3,818.3004

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	6,569.04	2,684.74	291.96	12,995,864	12,995,864
Total	6,569.04	2,684.74	291.96	12,995,864	12,995,864

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	564.6712	564.6712	0.0780	0.0161	571.4284

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	564.6712	564.6712	0.0780	0.0161	571.4284
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	5.92803e+006	564.6712	0.0780	0.0161	571.4284

Total		**564.6712**	**0.0780**	**0.0161**	**571.4284**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	5.92803e+006	564.6712	0.0780	0.0161	571.4284
Total		**564.6712**	**0.0780**	**0.0161**	**571.4284**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.8103	5.0000e-005	5.8000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0121
Unmitigated	2.8103	5.0000e-005	5.8000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0121

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.4788					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	5.3000e-004	5.0000e-005	5.8000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0121
Total	**2.8103**	**5.0000e-005**	**5.8000e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0113**	**0.0113**	**3.0000e-005**	**0.0000**	**0.0121**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.4788					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.8000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0121
Total	**2.8103**	**5.0000e-005**	**5.8000e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0113**	**0.0113**	**3.0000e-005**	**0.0000**	**0.0121**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	43.2932	0.0424	0.0249	51.7649
Unmitigated	43.2932	0.0424	0.0249	51.7649

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Junior College (2Yr)	31.1309 / 48.692	43.2932	0.0424	0.0249	51.7649
Total		**43.2932**	**0.0424**	**0.0249**	**51.7649**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	31.1309 / 48.692	43.2932	0.0424	0.0249	51.7649
Total		**43.2932**	**0.0424**	**0.0249**	**51.7649**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	167.4878	9.8983	0.0000	414.9440
Unmitigated	167.4878	9.8983	0.0000	414.9440

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Junior College (2Yr)	825.1	167.4878	9.8983	0.0000	414.9440
Total		**167.4878**	**9.8983**	**0.0000**	**414.9440**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	825.1	167.4878	9.8983	0.0000	414.9440
Total		**167.4878**	**9.8983**	**0.0000**	**414.9440**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	50	872	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (750 - 9999 HP)	0.0358	0.1600	0.0912	1.7000e-004		5.2600e-003	5.2600e-003		5.2600e-003	5.2600e-003	0.0000	16.6028	16.6028	2.3300e-003	0.0000	16.6610
Total	**0.0358**	**0.1600**	**0.0912**	**1.7000e-004**		**5.2600e-003**	**5.2600e-003**		**5.2600e-003**	**5.2600e-003**	**0.0000**	**16.6028**	**16.6028**	**2.3300e-003**	**0.0000**	**16.6610**

11.0 Vegetation

SJCC FMP - Operations - FMP New & Renovated bldgs No NG

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Day-Care Center	15.00	1000sqft	0.00	15,000.00	0
Junior College (2Yr)	562.87	1000sqft	20.00	562,869.00	0
Unenclosed Parking with Elevator	180.00	1000sqft	0.00	180,000.00	0
Recreational Swimming Pool	11.00	1000sqft	0.00	11,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Area of new and renovated buildings

Vehicle Trips - Trip rate adjusted based on project traffic study. All trips assigned to Jr college for simplicity.

Energy Use - Adjusted for Title 24 2019 standards, natural gas use estimated outside CalEEMod

Water And Wastewater - 100% aerobic digestion assumed

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Process Boilers -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	NT24NG	0.93	0.00
tblEnergyUse	NT24NG	3.30	0.00
tblEnergyUse	T24E	1.56	1.39
tblEnergyUse	T24E	2.73	2.44
tblEnergyUse	T24NG	17.51	0.00
tblEnergyUse	T24NG	20.83	0.00
tblLandUse	LandUseSquareFeet	562,870.00	562,869.00
tblLandUse	LotAcreage	0.34	0.00
tblLandUse	LotAcreage	12.92	20.00
tblLandUse	LotAcreage	4.13	0.00
tblLandUse	LotAcreage	0.25	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	6.21	0.00
tblVehicleTrips	ST_TR	11.23	4.04
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	5.83	0.00
tblVehicleTrips	SU_TR	1.21	0.44
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	74.06	0.00
tblVehicleTrips	WD_TR	27.49	9.89
tblVehicleTrips	WD_TR	33.82	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Construction emissions not estimated in this run

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.6229	6.00E-05	7.03E-03	0		2.00E-05	2.00E-05		2.00E-05	2.00E-05	0	0.0137	0.0137	4.00E-05	0	0.0146
Energy	0	0	0	0		0	0		0	0	0	449.2733	449.2733	0.062	0.0128	454.6496
Mobile	0.6722	2.9175	8.0329	0.0351	4.0942	0.0234	4.1175	1.0957	0.0217	1.1174	0	3,233.35	3,233.35	0.0917	0	3,235.64
Waste						0	0		0	0	165.2204	0	165.2204	9.7643	0	409.3266
Water						0	0		0	0	10.2256	29.9778	40.2034	0.0393	0.0231	48.0687
Total	**3.2951**	**2.9176**	**8.04**	**0.0351**	**4.0942**	**0.0234**	**4.1176**	**1.0957**	**0.0218**	**1.1174**	**175.4461**	**3,712.61**	**3,888.06**	**9.9573**	**0.0359**	**4,147.70**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.6229	6.00E-05	7.03E-03	0		2.00E-05	2.00E-05		2.00E-05	2.00E-05	0	0.0137	0.0137	4.00E-05	0	0.0146
Energy	0	0	0	0		0	0		0	0	0	449.2733	449.2733	0.062	0.0128	454.6496
Mobile	0.6722	2.9175	8.0329	0.0351	4.0942	0.0234	4.1175	1.0957	0.0217	1.1174	0	3,233.35	3,233.35	0.0917	0	3,235.64
Waste						0	0		0	0	165.2204	0	165.2204	9.7643	0	409.3266
Water						0	0		0	0	10.2256	29.9778	40.2034	0.0393	0.0231	48.0687
Total	**3.2951**	**2.9176**	**8.04**	**0.0351**	**4.0942**	**0.0234**	**4.1176**	**1.0957**	**0.0218**	**1.1174**	**175.4461**	**3,712.61**	**3,888.06**	**9.9573**	**0.0359**	**4,147.70**

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

3.0 Construction Detail

Construction emissions not estimated in this run

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6722	2.9175	8.0329	0.0351	4.0942	0.0234	4.1175	1.0957	0.0217	1.1174	0.0000	3,233.3466	3,233.3466	0.0917	0.0000	3,235.6382
Unmitigated	0.6722	2.9175	8.0329	0.0351	4.0942	0.0234	4.1175	1.0957	0.0217	1.1174	0.0000	3,233.3466	3,233.3466	0.0917	0.0000	3,235.6382

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Day-Care Center	0.00	0.00	0.00		
Junior College (2Yr)	5,566.78	2,273.99	247.66	11,012,731	11,012,731
Recreational Swimming Pool	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	5,566.78	2,273.99	247.66	11,012,731	11,012,731

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Day-Care Center	9.50	7.30	7.30	12.70	82.30	5.00	28	58	14
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Unenclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Day-Care Center	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651
Junior College (2Yr)	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651
Recreational Swimming Pool	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651
Unenclosed Parking with Elevator	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	449.2733	449.2733	0.0620	0.0128	454.6496

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	449.2733	449.2733	0.0620	0.0128	454.6496
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Day-Care Center	78300	7.4584	1.0300e-003	2.1000e-004	7.5477
Junior College (2Yr)	4.28906e+006	408.5520	0.0564	0.0117	413.4410
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	349200	33.2628	4.5900e-003	9.5000e-004	33.6609
Total		**449.2733**	**0.0620**	**0.0128**	**454.6496**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Day-Care Center	78300	7.4584	1.0300e-003	2.1000e-004	7.5477
Junior College (2Yr)	4.28906e+006	408.5520	0.0564	0.0117	413.4410
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	349200	33.2628	4.5900e-003	9.5000e-004	33.6609
Total		**449.2733**	**0.0620**	**0.0128**	**454.6496**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.6229	6.0000e-005	7.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0137	0.0137	4.0000e-005	0.0000	0.0146
Unmitigated	2.6229	6.0000e-005	7.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0137	0.0137	4.0000e-005	0.0000	0.0146

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3108					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3115					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4000e-004	6.0000e-005	7.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0137	0.0137	4.0000e-005	0.0000	0.0146
Total	**2.6229**	**6.0000e-005**	**7.0300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0137**	**0.0137**	**4.0000e-005**	**0.0000**	**0.0146**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3108					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3115					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4000e-004	6.0000e-005	7.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0137	0.0137	4.0000e-005	0.0000	0.0146
Total	**2.6229**	**6.0000e-005**	**7.0300e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0137**	**0.0137**	**4.0000e-005**	**0.0000**	**0.0146**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	40.2034	0.0393	0.0231	48.0687
Unmitigated	40.2034	0.0393	0.0231	48.0687

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Day-Care Center	0.643344 / 1.65431	1.1107	9.1000e-004	5.2000e-004	1.2884
Junior College (2Yr)	27.6082 / 43.1821	38.3942	0.0376	0.0221	45.9073
Recreational Swimming Pool	0.650575 / 0.398739	0.6984	8.6000e-004	5.1000e-004	0.8730
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**40.2034**	**0.0393**	**0.0231**	**48.0687**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Day-Care Center	0.643344 / 1.65431	1.1107	9.1000e-004	5.2000e-004	1.2884
Junior College (2Yr)	27.6082 / 43.1821	38.3942	0.0376	0.0221	45.9073

Recreational Swimming Pool	0.650575 / 0.398739	0.6984	8.6000e-004	5.1000e-004	0.8730
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**40.2034**	**0.0393**	**0.0231**	**48.0687**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	165.2204	9.7643	0.0000	409.3266
Unmitigated	165.2204	9.7643	0.0000	409.3266

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Day-Care Center	19.5	3.9583	0.2339	0.0000	9.8066
Junior College (2Yr)	731.73	148.5346	8.7781	0.0000	367.9881
Recreational Swimming Pool	62.7	12.7275	0.7522	0.0000	31.5319
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**165.2204**	**9.7643**	**0.0000**	**409.3266**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Day-Care Center	19.5	3.9583	0.2339	0.0000	9.8066
Junior College (2Yr)	731.73	148.5346	8.7781	0.0000	367.9881
Recreational Swimming Pool	62.7	12.7275	0.7522	0.0000	31.5319
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**165.2204**	**9.7643**	**0.0000**	**409.3266**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

SJCC FMP - FMP- existing blgds - No NG

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	223.45	1000sqft	10.00	223,454.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - <http://www.pgecorp.com/corp_responsibility/reports/2019/assets/PGE_CRSR_2019.pdf>

Land Use - Estimated total area of campus housing existing buildings that would not change under FMP

Vehicle Trips - Trip rate adjusted based on traffic report

Energy Use - Historical energy use, natural gas emissions estimated separately

Water And Wastewater - 100 percent aerobic digestion assumed

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Process Boilers -

Table Name	Column Name	Default Value	New Value

tblEnergyUse	NT24NG	3.30	0.00
tblEnergyUse	T24NG	23.84	0.00
tblLandUse	LandUseSquareFeet	223,450.00	223,454.00
tblLandUse	LotAcreage	5.13	10.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	ST_TR	11.23	4.04
tblVehicleTrips	SU_TR	1.21	0.44
tblVehicleTrips	WD_TR	27.49	9.89
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Construction emissions not estimated in this run

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9894	2.00E-05	2.04E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05	0	3.99E-03	3.99E-03	1.00E-05	0	4.25E-03
Energy	0	0	0	0		0	0		0	0	0	198.8017	198.8017	0.0275	5.68E-03	201.1807
Mobile	0.2669	1.1582	3.1889	0.014	1.6253	9.28E-03	1.6346	0.435	8.63E-03	0.4436	0	1,283.58	1,283.58	0.0364	0	1,284.49
Waste						0	0		0	0	58.9668	0	58.9668	3.4848	0	146.0879
Water						0	0		0	0	3.8777	11.3642	15.2419	0.0149	8.76E-03	18.2245

Total	**1.2563**	**1.1582**	**3.191**	**0.014**	**1.6253**	**9.29E-03**	**1.6346**	**0.435**	**8.64E-03**	**0.4436**	**62.8445**	**1,493.75**	**1,556.60**	**3.5636**	**0.0144**	**1,649.99**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9894	2.00E-05	2.04E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05	0	3.99E-03	3.99E-03	1.00E-05	0	4.25E-03
Energy	0	0	0	0		0	0		0	0	0	198.8017	198.8017	0.0275	5.68E-03	201.1807
Mobile	0.2669	1.1582	3.1889	0.014	1.6253	9.28E-03	1.6346	0.435	8.63E-03	0.4436	0	1,283.58	1,283.58	0.0364	0	1,284.49
Waste						0	0		0	0	58.9668	0	58.9668	3.4848	0	146.0879
Water						0	0		0	0	3.8777	11.3642	15.2419	0.0149	8.76E-03	18.2245
Total	**1.2563**	**1.1582**	**3.191**	**0.014**	**1.6253**	**9.29E-03**	**1.6346**	**0.435**	**8.64E-03**	**0.4436**	**62.8445**	**1,493.75**	**1,556.60**	**3.5636**	**0.0144**	**1,649.99**

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

3.0 Construction Detail

Construction emissions not estimated in this run

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2669	1.1582	3.1889	0.0140	1.6253	9.2800e-003	1.6346	0.4350	8.6300e-003	0.4436	0.0000	1,283.5847	1,283.5847	0.0364	0.0000	1,284.4944

Unmitigated	0.2669	1.1582	3.1889	0.0140	1.6253	9.2800e-003	1.6346	0.4350	8.6300e-003	0.4436	0.0000	1,283.5847	1,283.5847	0.0364	0.0000	1,284.4944

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	2,209.92	902.74	98.32	4,371,870	4,371,870
Total	2,209.92	902.74	98.32	4,371,870	4,371,870

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.621541	0.034056	0.180136	0.101248	0.011859	0.005060	0.013110	0.022881	0.002221	0.001470	0.005122	0.000646	0.000651

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	198.8017	198.8017	0.0275	5.6800e-003	201.1807
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	198.8017	198.8017	0.0275	5.6800e-003	201.1807
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	2.08706e+006	198.8017	0.0275	5.6800e-003	201.1807
Total		**198.8017**	**0.0275**	**5.6800e-003**	**201.1807**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Junior College (2Yr)	2.08706e+006	198.8017	0.0275	5.6800e-003	201.1807
Total		**198.8017**	**0.0275**	**5.6800e-003**	**201.1807**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9894	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.9900e-003	3.9900e-003	1.0000e-005	0.0000	4.2500e-003
Unmitigated	0.9894	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.9900e-003	3.9900e-003	1.0000e-005	0.0000	4.2500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8727					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.9900e-003	3.9900e-003	1.0000e-005	0.0000	4.2500e-003
Total	**0.9894**	**2.0000e-005**	**2.0400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.9900e-003**	**3.9900e-003**	**1.0000e-005**	**0.0000**	**4.2500e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					

Architectural Coating	0.1165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8727					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.9900e-003	3.9900e-003	1.0000e-005	0.0000	4.2500e-003
Total	**0.9894**	**2.0000e-005**	**2.0400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.9900e-003**	**3.9900e-003**	**1.0000e-005**	**0.0000**	**4.2500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	15.2419	0.0149	8.7600e-003	18.2245
Unmitigated	15.2419	0.0149	8.7600e-003	18.2245

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	10.96 / 17.1426	15.2419	0.0149	8.7600e-003	18.2245
Total		**15.2419**	**0.0149**	**8.7600e-003**	**18.2245**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Junior College (2Yr)	10.96 / 17.1426	15.2419	0.0149	8.7600e-003	18.2245
Total		**15.2419**	**0.0149**	**8.7600e-003**	**18.2245**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	58.9668	3.4848	0.0000	146.0879
Unmitigated	58.9668	3.4848	0.0000	146.0879

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	290.49	58.9668	3.4848	0.0000	146.0879
Total		**58.9668**	**3.4848**	**0.0000**	**146.0879**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	290.49	58.9668	3.4848	0.0000	146.0879

Total		**58.9668**	**3.4848**	**0.0000**	**146.0879**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Appendix C
Cultural Resources

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State of California -- The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 16 ***Resource Name or #:** (Assigned by recorder) San Jose City College – Business Building
P1. Other Identifier: B Building
***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted**
***a. County** Santa Clara **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** _____ **Date** _____ **T** __; **R** __; __ ☐ **of** __ ☐ **of Sec** __; ____**B.M.**
c. Address 2100 Moorepark Avenue City San Jose Zip 95128
d. UTM: (Give more than one for large and/or linear resources) Zone __, _____ mE/ _____ mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The Business Building, or Building B, is located on the north side of the San Jose City College Campus on Moorepark Avenue in San Jose. It is two stories, rectangular in forms, and constructed in the International Style. Dominant elements include the concrete block construction, flat roof, ribbon windows divided by metal projecting mullions, louvers/vents at regular intervals on the ribbon windows, aluminum framed and glass doors, and a lack of classical ornamentation. A covered breezeway support concrete block pillars connects one entry to the Business Building to the adjacent building. Mature redwood trees surround the building. (continued on page 3)

***P3b. Resource Attributes:** (List attributes and codes) HP15. Educational Building

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

***P4. Resources Present:**
☑ Building ☐ Structure ☐ Object
☐ Site ☐ District ☐ Element of District
☐ Other (Isolates, etc.)

P5b. Description of Photo: (view, date, accession #) West and South Facades, view looking northeast

***P6. Date Constructed/Age and Source:** ☒ Historic ☐ Prehistoric
☐ Both
1961

***P7. Owner and Address:**
_____
_____
_____

***P8. Recorded by:** (Name, affiliation, and address)
Becky Urbano, ESA
180 Grand Avenue, Suite 1050,
Oakland, CA

***P9. Date Recorded:** July 27, 2020

***P10. Survey Type:** (Describe)
intensive

***P11. Report Citation**: (Cite survey report and other sources, or enter "none.")
none

***Attachments:** ☐NONE ☒Location Map ☒Continuation Sheet ☒Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐Other (List): _____

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) Business Building ***NRHP Status Code** _____

B1. Historic Name: _____
B2. Common Name: Building B
B3. Original Use: Academic B4. Present Use: Academic
***B5. Architectural Style:** _____
***B6. Construction History:** (Construction date, alterations, and date of alterations)

Constructed 1961

***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** n/a **Original Location:** n/a
***B8. Related Features:**

B9a. Architect: Higgins & Root **b. Builder**: unknown
***B10. Significance: Theme** Higher Education **Area** San Jose
Period of Significance 1961 **Property Type** Academic **Applicable Criteria** n/a
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

See attached continuation sheets.

B11. Additional Resource Attributes: (List attributes and codes) n/a
***B12. References:**
See attached continuation sheets.

B13. Remarks:
None

(Sketch Map with north arrow required.)

See attached continuation sheets

***B14. Evaluator:** Amber Grady
***Date of Evaluation:** December 22, 2020

(This space reserved for official comments.)

*P3a. Description: (cont.)

*B10. Significance: (cont.)

City of San José

California was ceded to the United States at the end of the Mexican-American War in 1848 and became a state two years later with San Jose serving as the first capital. The discovery of gold shortly after the annexation of California to the United States spurred growth in San José as a supply hub for gold seekers as well as for those that recognized its agricultural potential. The combination of miners passing through, expanding agriculture, and the arrival of legislators spurred the rapid development.

History of San José City College

The follow is from the San José Modernism Historic Context Statement:[1]

[1] PAST Consultants, LLC, *San José Modernism Historic Context Statement*, June 2009, pages 59-61.

San José Junior College (renamed San José City College in 1958) was housed in San José High School buildings from its 1921 founding until 1928, and then physically associated with San José State College (now San José State University) from 1928-1953. In March 1948, the legislature received a recommendation that the Junior College and State College separate.[2] In 1953, the San José Unified School District began overseeing the Junior College at its own campus on Moorpark Avenue at San José-Los Gatos Road (Project Site), where Higgins & Root Associates, AIA, had designed twenty "movable" units arranged around a quadrangle, costing $211,000. In Spring 1954, the Board of Education approved the college's site plan, which envisioned developing the 58-acre campus for 2,000 students. Immediate plans called for nine additional movable units, plus permanent buildings including an administration building, men's gymnasium, library, three science laboratories, plus football and baseball fields and a track.

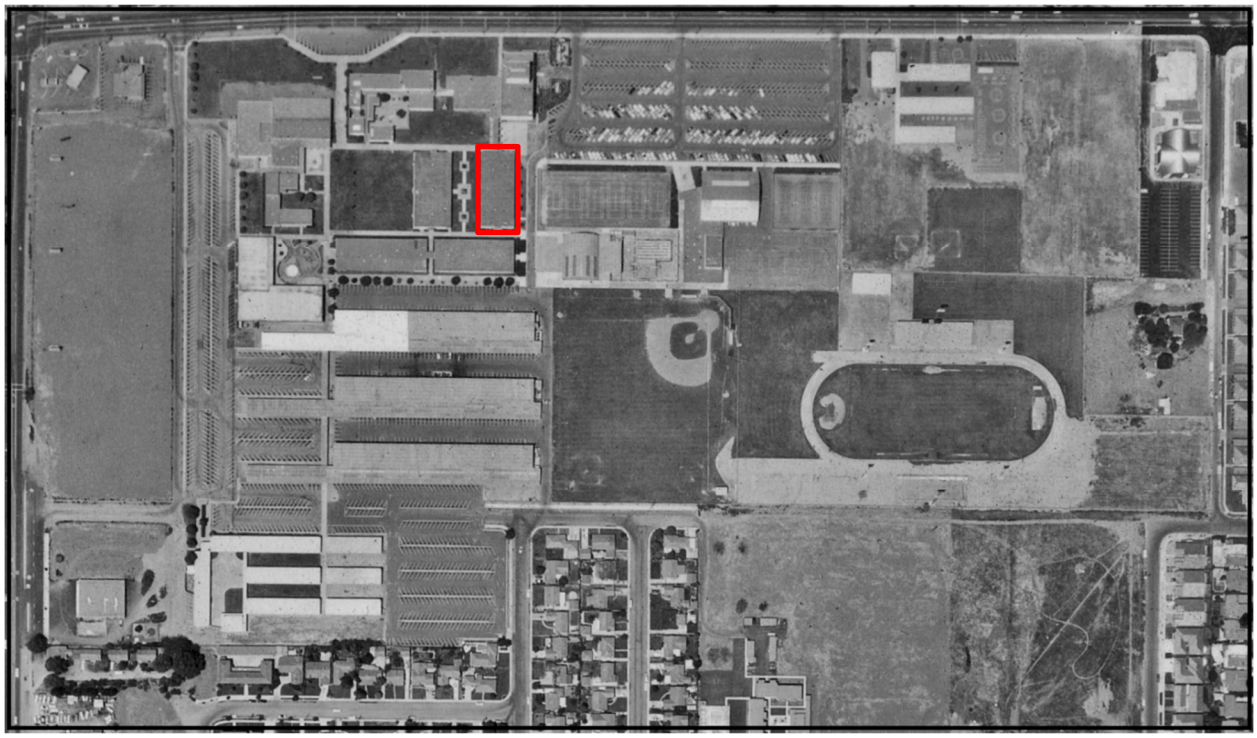
By January 1956, the San José Mercury News labeled the Junior College as a "burgeoning giant among Santa Clara County schools" with 3,645 students, far above the 1954 estimate of 2,000 pupils. The fears that the Junior College and San José State would compete for students and duplicate offerings had been unfounded. The paper noted that given San José's rapid growth, the only thing that would slow the development of the Junior College would be lack of facilities rather than lack of enrollment.

Construction continued in the 1960s, when a new master plan was unveiled. The cover of the February 1961 San José-Santa Clara telephone directory featured an aerial rendering of the college. A new 11,814 square foot Speech Arts building, with a 350-seat theatre (reputedly "the most technically advanced in the San José area"), full stage, mobile orchestra pit, makeup rooms, three classrooms, and modern lighting system was completed in 1963 on the north end of campus. Higgins & Root Associates, AIA, was the architect and O.E. Anderson Co. was the contractor. Higgins & Root also designed the college's 24,600 square foot, concrete block Student Service Center Building (1962), with a sunken, 120 square foot landscaped courtyard, located just south of the Administration Building. In 1963, the San José/Evergreen Community College District was formed, comprising San José City College and Evergreen Valley College.

[2] "S.J.J.C. Ninety-Two Day Wonder," S.C. News, October 28, 1953.

CONTINUATION SHEET

Property Name:



1965 aerial, Business Building outlined in red

2020 aerial, Google Earth, Business Building outlined in red

Architects/Engineers

Higgins & Roots

The follow is from the *San José Modernism Historic Context Statement*:[3]

> Higgins & Root Associates, AIA was one of the most prolific local architectural firms during the mid-twentieth century. Before founding Higgins & Root, William L. Higgins worked with his father, William E. Higgins, who partnered with architect Frank Wolfe in the firm of Wolfe & Higgins. In 1936, Higgins's father died and the younger man sought a new partner, turning to Dean Warren Charles Perry at the University of California at Berkeley, School of Architecture for suggestions. Perry sent four names to Higgins, and Chester Root got the job. During World War II, Root worked for the Army Corps of Engineers and Higgins closed the office and worked for Permanente. The firm resumed work after the war, designing many schools, banks, churches, factories, civic buildings, jails, hospitals, utilities, residences and other projects. With Cliff May, Higgins & Root

[3] PAST Consultants, LLC, *San José Modernism Historic Context Statement*, June 2009, pages 125-126.

also designed the Sunset Magazine campus in Menlo Park around 1951, a collaborative effort that garnered much press.

The firm designed scores of educational buildings in San José, Saratoga, Los Gatos, Morgan Hill, Mt. Pleasant, Campbell, and other communities in the Santa Clara Valley. The school facilities included classrooms, athletic facilities and administration buildings, from elementary schools to colleges. San José school commissions included many structures for the San José Unified School District; the original Chandler Tripp School (1949) next to the Anne Darling Elementary School; structures at the Peter Burnett Junior High School (1949); the Santa Clara County School Department headquarters on Moorpark Avenue; San José State University structures, such as the Memorial Chapel (1952) and bookstore (ca. 1955); and San José City College buildings, like the Student Service Center (1962) and Speech Arts building (1963).

In 1946, the City of San José selected Higgins & Root, Kress & Gibson, Binder & Curtis, and Ralph Wyckoff to design four new fire stations at Sixth and Taylor streets (Higgins & Root), Sixth and Julian streets (Binder & Curtis), Minnesota Avenue near Iris Court in Willow Glen, and Seventeenth and Santa Clara streets. In 1949, the firm designed a remodel of the fire damaged Sainte Claire Club at Second and St. James streets. In 1951, Higgins & Root designed a complex of five shops and four medical and dental offices built for Herschel C. Graham, manager of F.W. Woolworth Co. The stone, brick and stucco complex was built next to the First National Bank on Business Street (now Business Circle) near Flagg Avenue. The firm designed a chapel (1949) built in honor of Frances R. Schallenberger at the St. Francis Episcopal Church at Pine and Washington avenues in Willow Glen; the modern Gothic influenced Calvin Presbyterian Church (1955) at Meridian Road and Fruitdale Avenue; the $80,000 Penn Mutual Life Insurance Co. headquarters building (ca. 1955) on The Alameda, south of Idaho Street; the 1963 remodel of Higgins & Root's old offices at 220 Meridian Avenue, which the firm updated for a new tenant; and the August Boeger School (1965) in the Mt. Pleasant School District. Other San José commissions included the new mall area at the Santa Clara County Superior In 1946, the City of San José selected Higgins & Root, Kress & Gibson, Binder & Curtis, and Ralph Wyckoff to design four new fire stations at Sixth and Taylor streets (Higgins & Root), Sixth and Julian streets (Binder & Curtis), Minnesota Avenue near Iris Court in Willow Glen, and Seventeenth and Santa Clara streets. In 1949, the firm designed a remodel of the fire damaged Sainte Claire Club at Second and St. James streets. In 1951, Higgins & Root designed a complex of five shops and four medical and dental offices built for Herschel C. Graham, manager of F.W. Woolworth Co. The stone, brick and stucco complex was built next to the First National Bank on Business Street (now Business Circle) near Flagg Avenue. The firm designed a chapel (1949) built in honor of Frances R. Schallenberger at the St. Francis Episcopal Church at

Pine and Washington avenues in Willow Glen; the modern Gothic influenced Calvin Presbyterian Church (1955) at Meridian Road and Fruitdale Avenue; the $80,000 Penn Mutual Life Insurance Co. headquarters building (ca. 1955) on The Alameda, south of Idaho Street; the 1963 remodel of Higgins & Root's old offices at 220 Meridian Avenue, which the firm updated for a new tenant; and the August Boeger School (1965) in the Mt. Pleasant School District. Other San José commissions included the new mall area at the Santa Clara County Superior Court complex (1966) at North First and St. James streets; and the San José Health Center (ca. 1971). Higgins & Root's much-heralded Santa Clara County Welfare Building (1963) at 55 West Younger Avenue has been altered extensively and now houses the Santa Clara County Office of the Sheriff. Like many mid-century branch libraries in San José, Higgins & Root's Rosegarden Branch Library (1960) was demolished. In 1963, Higgins & Root moved from the Park-Meridian Professional Building at 220 Meridian Avenue in San José to its newly designed offices in Los Gatos. It had designed more than $60 million in projects by 1963. In 1967, the Coast Valleys Chapter of the American Institute of Architects (AIA) honored the firm with an Architects' Commendation Award for the Saratoga United Presbyterian Church at 20455 Harriman Avenue, and for the Union School District Administration Building at 5175 Union Avenue in San José. The AIA chapter also gave an Architectural Design Merit Award for the firm's interior of Los Gatos Methodist Church, at Church Street and High School Court. Factory Magazine honored Higgins & Root's 42,000 square foot Tempress Industries electronics plant (1970) in Los Gatos as one of the ten most beautiful factories in the United States in 1970. The San Mateo County Development Association awarded the top 1970 Environmental Award to the firm's Sunset Magazine Building in Menlo Park. The firm also won three Awards of Merit in the 1970 AIA Design Awards program of the AIA's Santa Clara Valley Chapter. Root died in 1977, and Higgins subsequently partnered with a Santa Cruz-based architecture firm that specialized in residential work. The new firm was called Higgins & Root, Ellmore-Titus, Inc.

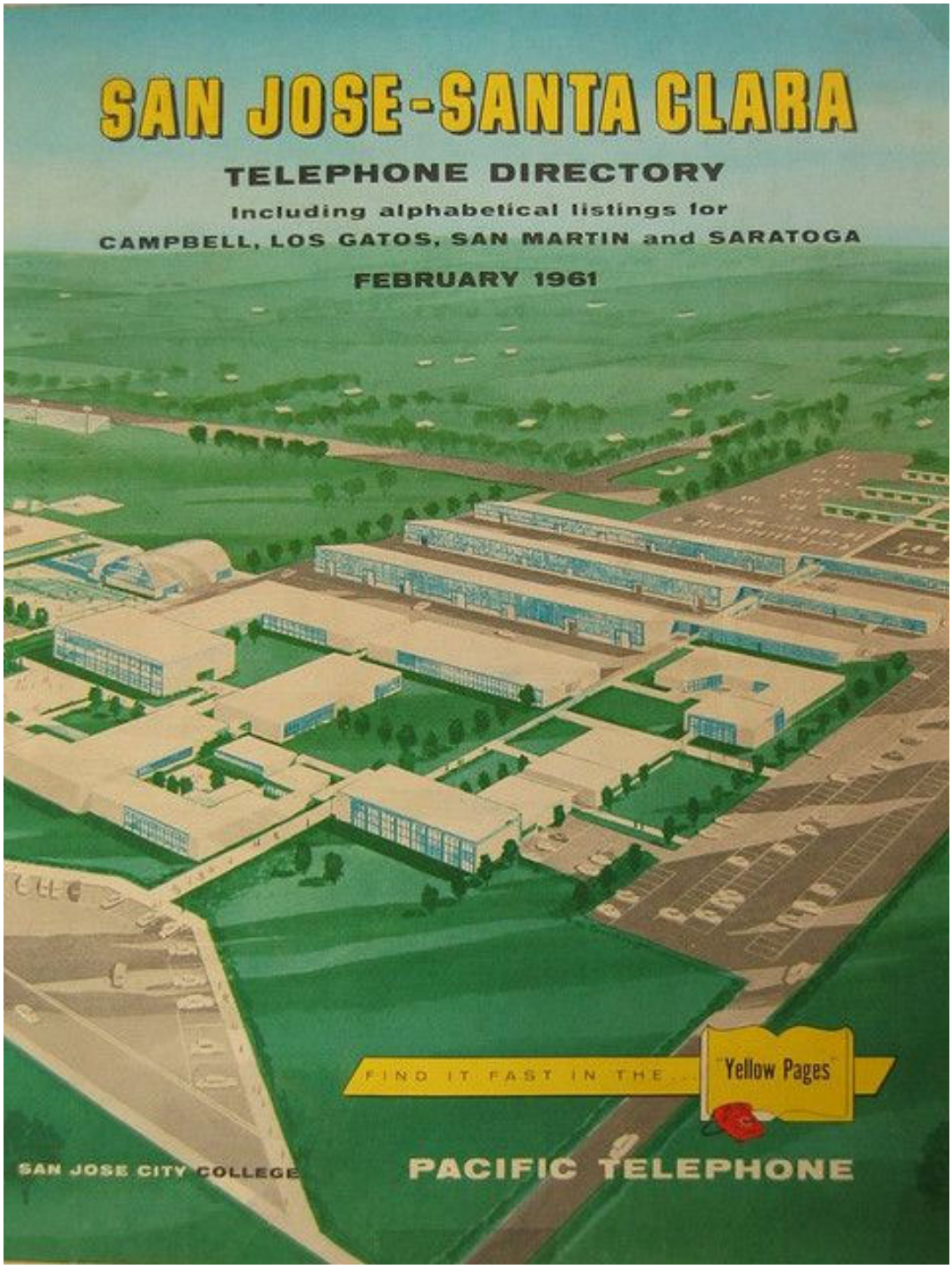


Illustration of Higgins & Root Master Plan, c 1960, *San Jose-Santa Clara Telephone Directory*, February 1961.

Projects: [4]

- First National Bank of San José (1963), 1st & Santa Clara streets, San José
- First National Bank of San José (1958), South First and Willow streets, San José
- Lincoln Glen Elementary School, six-classroom addition, 2175 Lincoln Avenue, San José
- San José State University Memorial Chapel (1952), San José
- Calvary United Methodist Church of San José (1956-57), 729 Morse Street and Naglee Avenue, San José
- Immanuel Lutheran Church, San José
- San José City College; Master Plan, Speech Arts building (350-seat theatre)(1963), Student Service Center Building (1962), San José
- West Valley College, Saratoga
- Sunset Magazine campus (c1951), Menlo Park
- San José Fire Station (c1946), Sixth and Taylor streets, San José
- Sainte Claire Club (1949 remodel), Second and St. James streets, San José
- Retail/commercial complex (1951), adjacent to the First National Bank on Business Street (now Business Circle) near Flagg Avenue, San José
- Chapel at St. Francis Episcopal Church (1949), Pine and Washington avenues in Willow Glen, San José
- Calvin Presbyterian Church (1955), Meridian Road and Fruitdale Avenue, San José
- Penn Mutual Life Insurance Co. headquarters building (c1955), The Alameda (south of Idaho Street), San José
- Remodel of 220 Meridian Avenue (1963), San José
- August Boeger School (1965), Mt. Pleasant School District, San José
- New mall at Santa Clara County Superior Court complex (1966), North First and St. James streets, San José
- San José Health Center (c1971), San José
- Santa Clara County Welfare Building (1963), 55 West Younger Avenue, San José
- Regional shopping center (1952), northwest corner of Stevens Creek Blvd and Santa Clara-Los Gatos Road, San José

[4] PAST Consultants, LLC, *San José Modernism Historic Context Statement*, June 2009, pages 59-61.

William L. Higgins

The follow is from the *San José Modernism Historic Context Statement*:[5]

> In addition to all of the buildings he designed with Higgins & Root Associates, AIA and its successors, architect William L. Higgins served on both the Saratoga Planning Commission and the Santa Clara Planning Commission. He was most proud of the Higgins & Root designs at West Valley College in Saratoga, where his firm designed half of the buildings and Reid & Tarics designed the other half.

Chester O. Root

The follow is from the *San José Modernism Historic Context Statement*:[6]

> Root, Chester O. Chester O. Root, FAIA (ca. 1905-1977) was a partner in the prolific San José/Los Gatos firm of Higgins & Root Associates, AIA. The firm designed schools, churches, residences, hospitals, libraries, and other civic, commercial and industrial buildings throughout the Santa Clara Valley, earning national awards of excellence. Root worked with a group of architects who collaborated with the Santa Clara County Council on Intergovernmental Relations to plan the San José's Civic Center. The descendant of two pioneer California families, Root was born in Grass Valley but graduated from Berkeley High School and the University of California, Berkeley School of Architecture. He earned his master's degree in architecture from Harvard University and his architecture license in 1935, remaining in the East Coast briefly to work with Grosvenor Atterbury and Norman Bel Geddes. Root returned to California in 1936 to partner with William L. Higgins in Higgins & Root, after the Dean of U.C. Berkeley's architecture school recommended him to Higgins. During World War II, Root had a two-year stint with the Army Corps of Engineers. Root was the first architect appointed to the Santa Clara County Planning Commission, where he served from 1947-1957 with two terms as chair. He later joined the Los Gatos Town Planning Commission for eight years, where he also became chair. In 1976, Root joined the design review board of the San Francisco Bay Area Conservation and Development Commission. He was a founding member and chapter president of Santa Clara Valley Chapter of the American Institute of Architects.

United Architects

United Architects consisted of five Scottsdale, Arizona firms: Western Engineering, Inc. (Architects & Engineers), Wong and Hall (Architects), T.S. Montgomery (Architect), Western Testing Laboratories

[5] PAST Consultants, LLC, *San José Modernism Historic Context Statement*, June 2009, pages 125.
[6] PAST Consultants, LLC, *San José Modernism Historic Context Statement*, June 2009, pages 125.

(Division of Western Engineering), and Scottsdale Blue Print Co. (Division of Western Engineering).[7] Key personnel included Robert M. Williams (VP, Western Engineering, Inc.), William C. Hall (partner, Wong and Hall), Joe B. Wong (partner, Wong and Hall), Don H. Collar (Western Engineering, Inc.), Robert N. Linke (Western Engineering, Inc.), Fred L. Clock (architect, Western Engineering, Inc.), Don L. Orton (President, Western Engineering, Inc.), T.S. Montgomery, D. Wayne Saylors (VP, Western Engineering, Inc.), Robert M. Williams, Jr. (Western Engineering, Inc.), Harry Rice (Western Engineering, Inc.), and John Cummings (Wong and Hall).

California Projects:[8]

- San José Junior College, San José
- Monsanto Chemical Co., San José
- Fiberglass Research Buildings, Santa Clara
- Allstate Insurance Co. (office building), Menlo Park
- Sunset Magazine Building, Lane Publishing. Co., Menlo Park
- Two fire stations, San José
- California Auto Associations Office Building, San José
- 13 story apartment building, Oakland

Projects Outside of California:[9]

- The Ring Building (12 story office building), Washington, D.C.
- Dorchester House (396 apartments), Washington, D. C.
- Arlington Apartments, Arlington, Va.
- Palmcroft Baptist Church, Phoenix, Arizona
- Valley Baptist Church, Phoenix, Arizona
- First Baptist Church, Scottsdale, Arizona
- Arizona Savings and Loan, Phoenix, Arizona
- Honolulu Star-Bulletin Building, Honolulu
- Branch Band Buildings, First National of Arizona
- Tempe City Hall, Office Wing
- ST. Augustine Episcopal Church, Tempe, Arizona
- Craft Center, Scottsdale
- Arizona Western Grocery Warehouse, Phoenix
- Arizona Flour Mill Warehouse, Phoenix
- Maryvale Shopping Center, Phoenix

[7] United Architects, Arizona Memory Project: United Architects, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.

[8] United Architects, Arizona Memory Project: United Architects, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.

[9] United Architects, Arizona Memory Project: United Architects, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.

- Bashas' Shopping Center, Scottsdale
- Earl's Market, Scottsdale
- Yuma Sports Arena, Yuma
- Shopping Center, 32nd & Camelback, Phoenix
- Shopping Center, 52nd & Thomas, Phoenix
- Feed Bag Restaurant (Rebuild), Mesa
- Lulu Belle Restaurant, Scottsdale

William C. Hall

It is possible that William C. Hall is the only person from United Architects that is linked to development at the SJCC campus. Hall studied Engineering and Architecture at San José State College, St. Thomas College, and Notre Dame University.[10] He was employed by the Division of Highways, California in 1948-49 and associated with Arena & Zaima, Higgins & Root, H.H. Benedict and Wong and Hall (partner).[11]

Evaluation

The subject property is being evaluated for eligibility for the California Register of Historical Resources under the following four criteria.

- Criterion 1 - Associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States.

- Criterion 2 - Associated with the lives of persons important to local, California or national history.

- Criterion 3 - Embodies the distinctive characteristics of a type, period, region or method of construction or represents the work of a master or possesses high artistic values.

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

Criterion 1 (Events). The Business Building, constructed 1961, appears to have been planned as part of the Master Plan developed by Higgins & Root c1960. If more of the originally master planned campus was intact the campus as a whole would warrant evaluation as a resource with the Business Building being a potential contributor; however, existing conditions are such that most of the original buildings,

[10] United Architects, Arizona Memory Project: United Architects, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.
[11] United Architects, Arizona Memory Project: United Architects, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.

circulation patterns (vehicular and pedestrian), and the landscaping have been demolished or altered. While the development execution of the Master Plan was a significant event in the history of San José City College archival evidence did not reveal that any significant events were specifically associated with the Business Building. For these reasons, the Business Building is recommended as not eligible for individual listing in the California Register under Criterion 1.

Criterion 2 (People). While a number of significant individuals are associated with the campus, including Amy Tan (author), Andre Phillips (Olympian), Ato Boldon (Olympian), Chon Gallegos (Oakland Raider), and Bruce Jenner (Olympian) archival research did reveal and particular association of these individuals, or any others, with the Business Building.[12, 13] As indicated above, archival research identified that the Business Building was part of the larger Master Plan effort in the 1960s designed by Higgins & Root. How the Business Building fits into the overall body of work by Higgins & Root is analyzed below under Criterion 3 (Architecture). Due to the lack of associations of significance individuals, the Business Building on the SJCC Campus is recommended as ineligible for individual listing in the California Register under Criterion 2.

Criterion 3 (Architecture). The Business Building appears to have been designed by Higgins & Root as a part of the Master Plan c1960. The firm of Higgins & Root was prolific in the Bay Area with numerous schools attributed to them ranging the elementary schools to colleges including the West Valley College, Saratoga Campus. An evaluation of the West Valley College, Saratoga Campus, was not part of this analysis; however, based on historic aerials and a 1970 campus map it appears that many of the original buildings still remain on this campus. If this was the case it would likely represent a more intact example of campus planning by Higgins & Root. The SJCC Campus Master Plan (illustrated above on page 10) included a number of academic and administrative buildings as well as athletic and supporting facilities. If more of the originally master planned campus was intact the campus as a whole would warrant evaluation as a resource with the Business Building being a potential contributor; however, existing conditions are such that most of the original buildings, circulation patterns (vehicular and pedestrian), and the landscaping have been demolished or altered. While San José City College is listed as a project by United Architects this is likely only for the inclusion of William C. Hall on their team, a former employee of Higgins & Root, and the association with United Architects does not warrant further exploration. As discussed above, the Business Building has lost much of its context as a component of the 1960s Master Plan. Given the extensive body of work produced by Higgins & Root, including other educational institutions such as the West Valley College, Saratoga Campus, the Business Building is not considered an excellent surviving example of their work as little remains of the original Master Planned

[12] San José Mercury News, *Bruce Jenner's Olympic dream began in San José*, https://www.mercurynews.com/2015/07/14/bruce-jenners-olympic-dream-began-in-san-jose/, accessed December 21, 2020.
[13] San José City College website, https://www.sjcc.edu/community/alumni, accessed December 21, 2020.

campus and it does not warrant consideration as a historic resources individually. Therefore, the Business Building is recommended ineligible for the California Register under Criterion 3.

Criterion 4 (Information Potential). Research did not reveal that the subject property would provide important information relevant to history or pre-history that was not already known. This significance criterion typically applies to rare construction types when involving architectural resources. For these reasons, the Business Building is recommended as not eligible for individual listing in the California Register under Criterion 4.

The subject property was also evaluated for eligibility as a Landmark and/or Structure of Merit under City of San José criteria. The local criteria closely follow the California Register criteria and include:

- Site of a significant historical event
- Identification with people who significantly contributed to local culture or history
- Identification with a master builder or architect
- Example of a unique architectural or engineering design
- Representative of an aspect of City history such as agriculture, architecture, commerce, or industry during a specific era from 1777 to the present

The first two bullets align with the assessments under Criteria 1 and 2, respectively, for the California Register evaluation above. The 3rd and 4th bullets align with the assessment under Criterion 3 for the California Register evaluation above. While the Business Building represents educational institutions of the 1960s it doesn't warrant individual evaluation and with the demolished or alterations of most of the original buildings, circulation patterns (vehicular and pedestrian), and the landscaping the campus as a whole no longer reflects the Higgins & Root Master Plan. For these reasons, the Business Building is recommended ineligible for listing as a City of San José Landmark.

REFERENCES

PAST Consultants, LLC, San José Modernism Historic Context Statement, June 2009

San José City College website, https://www.sjcc.edu/community/alumni, accessed December 21, 2020.

San José Mercury News, Bruce Jenner's Olympic dream began in San José, https://www.mercurynews.com/2015/07/14/bruce-jenners-olympic-dream-began-in-san-jose/, accessed December 21, 2020.

San Jose-Santa Clara Telephone Directory, February 1961.United Architects, *Arizona Memory Project: United Architects*, March 11, 1985, https://azmemory.azlibrary.gov/digital/collection/p17220coll19/id/18/.

Appendix D
Energy

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Energy Use Calculations

Project: SJCC FMP

Summary of Construction Energy Use

Fuel	Source	Amount	Unit	Project/year	State	County	% of State	% of County
Diesel	Construction	287,780	Gallons of diesel	31976	3,658,330,000	87,500,000	0.001%	0.037%
Gasoline	Construction	36,433	Gallons of gasoline	4048	15,365,000,000	713,000,000	0.000%	0.001%

Energy Content of Fuels

1 Gallon of diesel =	0.1392	MBtu
1 Gallon of gasoline =	0.125	MBtu

Construction Diesel Energy	40059	MBtu
Construction Gasoline Energy	4554	MBtu
Total Construction Energy	**44613**	**MBtu**

Summary of Total Annual Operational Energy Use

Fuel	Source	Existing	Project	Net Energy Demand	Unit
Electricity	Buildings	5928.0	6803.6	875.590	megaWatt-hour/Year
Natural Gas	Buildings	21,676.5	38,547	16,871	MMBtu/Year
Natural Gas	Motor Vehicles	440	568	127	MMBtu/Year
Gasoline	Motor Vehicles	641,711	566,977	-74,735	Gallons of gasoline per year
Diesel	Motor Vehicles	108,118	111,461	3,343	Gallons of diesel per year
Diesel	Backup Generator	1,626	4,494	2,868	Gallons of diesel per year
Electricity	Motor Vehicles	118	293	175	megaWatt-hour/Year
Electricity	Water Use	279	358	78	megaWatt-hour/Year

Energy Content of Fuels

1 MW-hour of electricity =	3.41E+00	MBtu
1 Gallon of gasoline =	0.125	MBtu
1 Gallon of diesel =	0.1392	MBtu

Electricity	3,852	MBtu/Year
Natural Gas	16,998	MBtu/Year
Gasoline	-9,342	MBtu/Year
Diesel	865	MBtu/Year
Total Operational Energy Use	**12,374**	**MBtu/Year**

Electricity	Project	1,129	MWh/year	
	California	279,401,880	MWh/year	0.0027%
	Santa Clara County	16,664,461	MWh/year	0.0447%
Natural Gas	Project	16,998	MMBtu/year	
	California	12,327,096,996	MMBtu/year	0.0001%
	Santa Clara County	45,972,076.4	MMBtu/year	0.0370%
Gasoline	Project	-74,735	gallons per year	
	California	15,365,000,000	gallons per year	-0.0005%
	Santa Clara County	713,000,000	gallons per year	-0.0105%
Diesel	Project	6,211	gallons per year	
	California	3,658,330,000	gallons per year	0.0002%
	Santa Clara County	87,500,000	gallons per year	0.0071%

Energy Use Type	Existing Conditions in 2020	FMP Full Buildout (2030) Operational Usage	Net New Energy Use under FMP	Relative to California	Relative to Santa Clara County
Electricity from PG&E Grid (MWh/year)					
Buildings	5,928	6,804	876		
Water Use	279	358	78		
Mobile Sources	118	293	175		
Total Electricity Use	**6,326**	**7,455**	**1,129**	0.0004%	0.0068%
Natural Gas (MMBtu/year)					
Buildings	21,677	38,547	16,871		
Mobile Sources[1]	440	568	127		
Total Natural Gas Use	**22,117**	**39,115**	**16,998**	0.0001%	0.037%
Diesel (gallons/year)					
Mobile Sources	108,118	111,461	3,343		
Generator Testing	1,626	4,494	2,868		
Total Diesel Use	**109,744**	**115,954**	**6,211**	0.0002%	0.007%
Gasoline (gallons/year)					
Mobile Sources	641,711	566,977	-74,735		
Total Gasoline Use	641,711	566,977	**-74,735**	-0.0005%	-0.0105%

NOTES:

MMBtu = million metric British Thermal Unit; MWh = Megawatt-hour.

1. EMFAC2017 includes compressed natural gas in terms of diesel gallon equivalents. This is converted into Btu using the U.S. Department of Energy Alternative Fuel Data Center conversion: 1 DGE of CNG = 128,488 Btu. Available at: https://afdc.energy.gov/fuels/equivalency_methodology.html.

Non-mobile electricity use based on values for existing and projected use obtained from CalEEMod outputs. Existing use is based on historical energy usage rates in CalEEMod, while new and renovated buildings under the project use CalEEMod's default 2016 rates adjusted for additional reductions in 2019 code for non-residential uses.

Mobile electricity use based on VMT data from traffic study, adjusted per vehicle fleet-average electricity use. Used USEPA average economy of 34 kWh/100 miles.

Non-mobile natural gas use based on existing (2019) use and projected (2030) use from the SJCC Utilities master Plan. The values were converted from therms to MMBtu.

Mobile natural gas use based on VMT data from traffic study adjusted per vehicle fleet-average natural gas use.

Mobile diesel use based on VMT data from traffic study adjusted acoording to vehicle fleet-average diesel use in Santa Clara County.

Mobile gasoline use based on VMT data from traffic study adjusted according to vehicle fleet-average gasoline use in Santa Clara County.

Project: SJCC FMP

Construction Diesel and Gasoline Use

Diesel Sources - Construction	Amount	Units	gallons per year
TOTAL Diesel Sources =	2,938	MT of CO_2	
Convert to kilograms	2,938,234	kg of CO_2	
CO_2 from diesel fuel combustion[a]	10.2	kg of CO_2/gallon of diesel	
Diesel Use over construction period	287,780	gallons of diesel	31,976
Onsite equipment	222,810	gallons of diesel	
Offsite onroad vehicles	64,970	gallons of diesel	
Gasoline Sources - Construction	**Amount**	**Units**	**gallons per year**
Construction workers	320	MT of CO_2	
Convert to kilograms	319,881	kg of CO_2	
CO_2 from gasoline fuel combustion[a]	8.8	kg of CO_2/gallon of gasoline	
Gasoline Use over construction period	36,433	gallons of gasoline	4,048

Notes:

[a] Emissions factors per The Climate Registry 2019 Default Emission Factors (Table 2.1 - US Default Factors for Calculating CO_2 Emissions from Combustion of Transport Fuels)

Conversion	1 MT =	1000	kg

Existing Transportation Energy Use

Fuel	Santa Clara VMT (miles/day)	Fuel Use (gallons/day)	miles/gallon	Project VMT (miles/day)	Project Fuel Use (gallons/day)	Project Fuel Use (gallons/year)	
Diesel	2,609,376	276,650	9.4	2,794	296	108,118	
Gasoline	42,404,673	1,642,005	25.8	45,403	1,758	641,711	
Fuel	**Santa Clara VMT (miles/day)**	**Fuel Use (gallons/day)**	**Fuel Use (kWh/100miles)**	**Project VMT (miles/day)**	**Project Electricity Use (kWh/day)**	**Project Electricity Use (MWh/year)**	
Electricity	890,783	0	34	954	324	118	
	Santa Clara VMT (miles/day)	**Fuel Use (gal/day)**	**miles/gal**	**Project VMT (miles/day)**	**Project Fuel Use (gallons/day)**	**Project Fuel Use (gallons/year)**	**Project Fuel Use (MMBtu/year)**
Natural Gas	25,400	8,771	3	27	9	3,428	440
		Daily Project VMT from traffic data		49,178			1 CNG gallon = 128488 Btu

Santa Clara VMT based on EMFAC2017 data for Santa Clara County for 2020, for aggregated model years and speed and all vehicle categories

EMFAC2017 includes compressed natural gas in terms of diesel gallon equivalents. This is converted into Btu per the U.S. Department of Energy Alternative Fuel Data Center conversion: 1 DGE of CNG = 128,488 Btu. Available at: https://afdc.energy.gov/fuels/equivalency_methodology.html.

Electricity fuel use of 34 kWh/100 miles obtained from USEPA, 2018, Green Power Equivalency Calculator - Calculations and References (https://www.epa.gov/greenpower/green-power-equivalency-calculator-calculations-and-references)

SJCC FMP Transportation Energy use (2030)

Fuel	Santa Clara VMT (miles/day)	Fuel Use (gallons/day)	miles/gallon	Project VMT (miles/day)	Project Fuel Use (gallons/day)	Project Fuel Use (gallons/year)	
DSL	3,217,827	266,569	12	3,686	305	111,461	
GAS	45,694,836	1,355,980	34	52,346	1,553	566,977	
Fuel	**Santa Clara VMT (miles/day)**	**Fuel Use (gallons/day)**	**Fuel Use (kWh/100miles)**	**Project VMT (miles/day)**	**Project Electricity Use (kWh/day)**	**Project Electricity Use (MWh/year)**	
ELEC	2,063,866	0	34	2,364	804	293	
	Santa Clara VMT (miles/day)	**Fuel Use (gal/day)**	**miles/gal**	**Project VMT (miles/day)**	**Project Fuel Use (gallons/day)**	**Project Fuel Use (gallons/year)**	**Project Fuel Use (MMBtu/year)**
NG	33,314	10,570	3	38	12	4,420	568
		Daily Project VMT from traffic data		58,435			1 CNG gallon = 128488 Btu

Santa Clara VMT based on EMFAC2017 data for Santa Clara County for 2020, for aggregated model years and speed and all vehicle categories

EMFAC2017 includes compressed natural gas in terms of diesel gallon equivalents. This is converted into Btu per the U.S. Department of Energy Alternative Fuel Data Center conversion: 1 DGE of CNG = 128,488 Btu. Available at: https://afdc.energy.gov/fuels/equivalency_methodology.html.

Electricity fuel use of 34 kWh/100 miles obtained from USEPA, 2018, Green Power Equivalency Calculator - Calculations and References (https://www.epa.gov/greenpower/green-power-equivalency-calculator-calculations-and-references)

Backup Generator Energy Use - Diesel

	MT of CO_2/year	kg of CO_2	kg of CO_2/gallon of diesel	gallons of diesel
Existing	16.6	16602.8	10.2	1626.1
FMP (2030)	45.9	45880.0	10.2	4493.6

Project: SJCC FMP

Energy for Water Use during Full FMP Operation

Source	Existing	SJCC FMP	Net	Units
Outdoor Water Use from CalEEMod output	48.692	62.377749	13.685749	Mgal/year
Indoor Water Use from CalEEMod output	31.1309	39.862119	8.731219	Mgal/year
Total	79.8229	102.239868	22.416968	Mgal/year

From CalEEMod Users Guide, for Santa Clara County

Electricity Intensity Factor to supply water	2117	kWhr/Mgal
Electricity Intensity Factor to treat water	111	kWhr/Mgal
Electricity Intensity Factor to distribute water	1272	kWhr/Mgal
Total Electricity Intensity Factor for Water	3500	kWhr/Mgal

Total annual existing energy use for water	**279**	**MWhr/year**
Total annual SJCC FMP energy use for water	**358**	**MWhr/year**
Total annual net energy use for water	**78**	**MWhr/year**

Appendix E
Transportation

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HEXAGON TRANSPORTATION CONSULTANTS, INC.

San Jose City College Vision 2030

Transportation Analysis

Prepared for:

Environmental Science Associates

May 18, 2021

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Executive Summary

This report presents the results of the transportation analysis conducted for the proposed San Jose City College (SJCC) Vision 2030 Facilities Master Plan. SJCC is located within the South Bascom Urban Village boundary. The study was conducted for the purpose of identifying the potential transportation impacts related to an increase in student enrollment through 2030.

The project site is actually a Santa Clara County pocket, but it is surrounded by San Jose. The Community College District has the approval authority for the project and is the lead agency for the environmental review. However, since any project transportation impacts would occur in San Jose, the project was evaluated following the standards and methodologies established in the City of San Jose's Transportation Analysis Handbook, adopted in April 2020.

SJCC projects an increase in enrollment of 2,029 students by 2030. The SJCC Facilities Master Plan provides a framework for the development of the institution through 2030 to accommodate increased enrollment through new and improved facilities on campus. The master plan also recommends vehicular access and circulation changes to the campus by adding a driveway at Kingman Avenue and Leigh Avenue, eliminating turn movement restrictions at Leland Avenue and Moorpark Avenue by making it a three-way signal, and adding internal roadway connections between campus driveways. Furthermore, the master plan recommends the addition of a 900-stall 5 level parking garage in the southwest corner of the campus.

CEQA Transportation Impacts

Project Vehicle Miles Traveled (VMT) Analysis

The impact on VMT by the SJCC increased enrollment was analyzed using the City of San Jose's TDF model. The daily VMT per student would decrease by 0.21, from 5.65 VMT under existing conditions to 5.44 VMT by 2030, therefore not causing a significant VMT impact.

CEQA Cumulative Impacts

The project is consistent with the General Plan goals and policies for the following reasons:

- The project site is located adjacent to bus stops on Bascom Avenue and Leigh Avenue.
- The project would slightly increase the employment density in the project area, and the proposed density would be consistent with the General Plan Land Use Designation.
- The project would provide improvements to pedestrian connectivity in the vicinity of the project site.

Therefore, based on the project description, the proposed project would be consistent with Envision San Jose 2040 General Plan. The project would be considered as part of the cumulative solution to meet the General Plan's long-range transportation goals and would result in a less-than-significant cumulative impact.

Local Transportation Effects

Project Trip Generation

Based on trip generation rates recommended by the Institute of Transportation Engineers (ITE), it is estimated that the proposed project would including 203 trips occurring during the AM peak hour and 203 trips occurring during the PM peak hour

Intersection Traffic Operations

The results of the intersection level of service analysis (see Table ES-1) show that the intersection of Bascom Avenue and Moorpark Avenue operates unacceptably at an LOS E under existing, background and background plus project conditions. The project would not cause any adverse effects at this intersection. All other intersections operate at an acceptable level of service under all study scenarios.

Driveway Operations

The results of the driveway level of service analysis show that the Kingman Avenue Driveway on Bascom Avenue operates unacceptably at an LOS F under project conditions. All other driveways operate at an acceptable level of service.

Other Transportation Issues

The proposed site plan shows adequate site access. The project would enhance pedestrian circulation by providing improved pedestrian access. Hexagon has the following recommendations resulting from the site access analysis.

- Signal coordination is recommended between Leland Avenue and Moorpark Avenue and Leland Avenue and Parkmoor Avenue to reduce the 95th percentile queue for the northbound left-turns at Leland Avenue and Parkmoor Avenue.
- The new driveway at Leigh Avenue and Kingman Avenue should be designed according to the City of San Jose Geometric Guidelines. When Kingman Avenue and Leigh Avenue is reconfigured under project conditions, a minimum storage length of 125 feet is recommended for the northbound left-turn movement to accommodate the 95th percentile queue during the peak hours.
- If feasible, Kingman Avenue should be widened to two outbound lanes. This would reduce the westbound queue and delay. A sidewalk should also be installed along the northern side of Kingman Avenue to improve pedestrian safety and access along this entrance.
- A median island should be installed along the full length of the right-turn lane into the campus on Moorpark Avenue to prevent vehicles from the off-ramp accessing this lane. Off-ramp vehicles would be forced to travel farther along Moorpark Avenue to Leigh Avenue to enter the campus. The driveway egress from parking Lot C onto Moorpark Avenue should be closed to prevent a conflict with the vehicles in the right turn lane.
- Traffic calming treatments like speed humps and speed signage should be provided on Kingman Avenue and the north-south connection along the eastern portion of the campus to keep vehicular speeds low and improve pedestrian safety.

- There are currently no bicycle parking facilities within the campus. It is recommended that bicycle facilities like bicycle racks and bicycle lockers be installed to improve bicycle access to the campus.
- SJCC should coordinate with VTA to reroute Route 25 and add a bus stop within campus. A potential new route could be along the new Kingman Avenue east-west extension instead of Fruitdale Avenue. With a bus stop within campus, students would not cut through the residential neighborhoods to access campus. It would also improve overall pedestrian safety as students would not have to cross Bascom Avenue, which is a major roadway.
- SJCC should also coordinate with VTA to add additional transit service to the campus to provide an alternative to driving to campus including a shuttle to and from the VTA LRT Green Line stop on Fruitdale Avenue. New bus routes and shuttles to the campus could be accommodated by creating a transit center on the campus.
- Adding parking on campus would address some of the parking demand issue on campus, but would encourage driving, which is counter-productive to the City's goal of decreasing VMT. To reduce parking demand on the campus, alternative modes of transportation like public transportation, carpooling, and bicycling should be strongly encouraged.

Table ES 1
Intersection Level of Service Summary

				Existing Conditions		Background Conditions					
				No Project		No Project		with Project			
#	Intersection	Peak Hour	Count Date	Avg. Delay (sec)*	LOS	Avg. Delay (sec)*	LOS	Avg. Delay (sec)*	LOS	Incr. in Critical Delay (sec)	Incr. in Critical V/C
1	Leigh Avenue and Moorpark Avenue	AM	10/12/16	28.6	C	28.8	C	29.3	C	0.6	-0.003
		PM	10/12/16	18.2	B-	19.2	B-	20.6	C+	1.6	-0.009
2	Leigh Avenue and Parkmoor Avenue	AM	10/12/16	28.4	C	28.7	C	27.7	C	-1.2	-0.009
		PM	10/12/16	22.4	C+	22.9	C+	21.1	C+	-2.7	-0.027
3	Leland Avenue and Moorpark Avenue	AM	9/14/11	9.5	A	9.5	A	13.7	B	3.0	0.007
		PM	9/14/11	13.5	B	13.5	B	12.4	B	-3.1	-0.049
4	Leland Avenue and Parkmoor Avenue	AM	10/26/16	20.7	C+	20.7	C+	26.0	C	6.1	0.065
		PM	10/26/16	23.9	C	23.7	C	27.8	C	5.0	0.063
5	Leigh Avenue and Kingman Avenue	AM	9/13/18	13.4	B	13.4	B	10.6	B+	-3.8	-0.027
		PM	9/13/18	13.5	B	13.5	B	6.9	A	-10.5	0.136
6	Bascom Avenue and Renova Drive	AM	10/4/12	16.2	B	16.2	B	16.1	B	-0.1	-0.005
		PM	10/4/12	21.1	C+	21.1	C+	20.9	C+	-0.3	0.008
7	Bascom Avenue and Moorpark Avenue	AM	11/7/17	39.0	D+	39.7	D	36.6	D+	0.0	0.001
		PM	12/11/18	**63.7**	**E**	**66.4**	**E**	**66.2**	**E**	**1.2**	**-0.058**
8	Bascom Avenue and Parkmoor Avenue	AM	5/7/15	44.4	D	44.8	D	44.0	D	-1.1	-0.020
		PM	5/6/15	37.1	D+	39.0	D+	37.1	D+	-3.2	-0.073
9	Bascom Avenue and Fruitdale Avenue	AM	5/7/15	45.5	D	45.5	D	44.3	D	-1.9	-0.031
		PM	12/11/18	45.7	D	45.6	D	45.9	D	0.0	0.004
10	Leigh Avenue and Fruitdale Avenue	AM	5/7/15	34.9	C-	34.9	C-	35.0	C-	-0.2	0.002
		PM	5/6/15	28.9	C	28.9	C	28.8	C	-0.6	-0.016

Note:
* Delays based on average delay for signalized intersections.
A growth factor of 1% was applied per year from previous existing count date if older than 2018 to estimate new count data.
Bold indicates a substandard level of service.

1. Introduction

This report presents the results of the transportation analysis conducted for the proposed San Jose City College (SJCC) Vision 2030 Facilities Master Plan. SJCC is located within the South Bascom Urban Village boundary. The study was conducted for the purpose of identifying the potential transportation impacts related to an increase in student enrollment through 2030, hereinafter called the "project".

The project site is actually a Santa Clara County pocket, but it is surrounded by San Jose (see Figure 1). The Community College District has the approval authority for the project and is the lead agency for the environmental review. However, since any project transportation impacts would occur in San Jose, the project was evaluated following the standards and methodologies established in the City of San Jose's Transportation Analysis Handbook, adopted in April 2020.

Project Description

SJCC projects an increase in enrollment of 2,029 students by 2030. The SJCC Facilities Master Plan provides a framework for the development of the institution through 2030 to accommodate increased enrollment through new and improved facilities on campus. The master plan also recommends vehicular access and circulation changes to the campus by adding a driveway at Kingman Avenue and Leigh Avenue, eliminating turn movement restrictions at Leland Avenue and Moorpark Avenue by making it a three-way signal, and adding internal roadway connections between campus driveways (see Figure 2). Furthermore, the master plan recommends the addition of a 900-stall 5 level parking garage in the southwest corner of the campus.

Based on the City of San Jose's Transportation Analysis Policy (Policy 5-1) and the Transportation Analysis Handbook, the Transportation Analysis report for the project includes a California Environmental Quality Act (CEQA) transportation analysis and a Local Transportation Analysis (LTA). Since the project would generate greater than 100 new peak-hour vehicle trips, the transportation study will be required to follow the guidelines set forth by the Congestion Management Program (CMP) of the Santa Clara Valley Transportation Authority (VTA).

Urban Village

SJCC is located within the South Bascom Commercial Corridor and Center Urban Village. As part of the Envision San Jose 2040 General Plan, the City has identified historically underutilized locations within San Jose that will be developed as "Urban Villages." These urban villages will promote the development of active, walkable, bicycle friendly, transit-oriented, mixed-use urban settings for new housing and job growth. The General Plan provides a policy framework to direct new housing and employment projects into these urban villages. Because the project would provide employment and

educational services within the South Bascom Commercial Corridor and Center Urban Village, the project is consistent with the goals and policies set forth in the General Plan.

Transportation Policies

To align the City of San Jose's transportation analysis guidelines with State of California Senate Bill 743 (SB 743) and the City's goals as set forth in the Envision San Jose 2040 General Plan, the City of San Jose adopted Transportation Analysis Policy 5-1. The policy establishes the thresholds for transportation impacts under the California Environmental Quality Act (CEQA) based on vehicle miles traveled (VMT) instead of intersection level of service (LOS).

The Transportation Analysis Policy aligns with the Envision San Jose 2040 General Plan which seeks to focus new development growth within Planned Growth Areas, bringing together office, residential, and service land uses to internalize trips and reduce VMT. VMT-based policies support dense, mixed-use, infill projects as established in the General Plan's Planned Growth Areas. The Envision San Jose 2040 General Plan contains the following policies to encourage the use of non-automobile transportation modes to minimize vehicle trip generation and reduce VMT:

- Accommodate and encourage the use of non-automobile transportation modes to achieve San Jose's mobility goals and reduce vehicle trip generation and VMT (TR-1.1);
- Consider impacts on overall mobility and all travel modes when evaluating transportation impacts of new developments or infrastructure projects (TR-1.2);
- Increase substantially the proportion of commute travel using modes other than the single-occupant vehicle in order to meet the City's mode split targets for San Jose residents and workers (TR-1.3);
- Through the entitlement process for new development, projects shall be required to fund or construct needed transportation improvements for all transportation modes, giving first consideration to improvement of bicycling, walking and transit facilities and services that encourage reduced vehicle travel demand (TR-1.4);
- Actively coordinate with regional transportation, land use planning, and transit agencies to develop a transportation network with complementary land uses that encourage travel by bicycling, walking and transit, and ensure that regional greenhouse gas emissions standards are met (TR-1.8);
- Coordinate the planning and implementation of citywide bicycle and pedestrian facilities and supporting infrastructure. Give priority to bicycle and pedestrian safety and access improvements at street crossings and near areas with higher pedestrian concentrations (school, transit, shopping, hospital, and mixed-use areas) (TR-2.1);
- Provide a continuous pedestrian and bicycle system to enhance connectivity throughout the City by completing missing segments. Eliminate or minimize physical obstacles and barriers that impede pedestrian and bicycle movement on City streets. Include consideration of grade-separated crossings at railroad tracks and freeways. Provide safe bicycle and pedestrian connections to all facilities regularly accessed by the public, including the Mineta San Jose International Airport (TR-2.2);
- Integrate the financing, design and construction of pedestrian and bicycle facilities with street projects. Build pedestrian and bicycle improvements at the same time as improvements for vehicular circulation (TR-2.5);

- Require new development where feasible to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements (TR-2.8);
- As part of the development review process, require that new development along existing and planned transit facilities consist of land use and development types and intensities that contribute towards transit ridership, and require that new development is designed to accommodate and provide direct access to transit facilities (TR-3.3);
- Support the development of amenities and land use and development types and intensities that increase daily ridership on the VTA, BART, Caltrain, ACE and Amtrak California systems and provide positive fiscal, economic, and environmental benefits to the community (TR-4.1);
- Promote transit-oriented development with reduced parking requirements and promote amenities around appropriate transit hubs and stations to facilitate the use of available transit services (TR-8.1);
- Support using parking supply limitations and pricing as strategies to encourage the use of non-automobile modes (TR-8.3);
- Discourage, as part of the entitlement process, the provision of parking spaces significantly above the number of spaces required by code for a given use (TR-8.4);
- Allow reduced parking requirements for mixed-use developments and for developments providing shared parking or a comprehensive transportation demand management (TDM) program, or developments located near major transit hubs or within Urban Villages and other Growth Areas (TR-8.6);
- Within new development, create and maintain a pedestrian-friendly environment by connecting the internal components with safe, convenient, accessible, and pleasant pedestrian facilities and by requiring pedestrian connections between building entrances, other site features, and adjacent public streets (CD-3.3);
- Create a pedestrian-friendly environment by connecting new residential development with safe, convenient, accessible, and pleasant pedestrian facilities. Provide such connections between new development, its adjoining neighborhood, transit access points, schools, parks, and nearby commercial areas (LU-9.1);
- Facilitate the development of housing close to jobs to provide residents with the opportunity to live and work in the same community (LU-10.5);

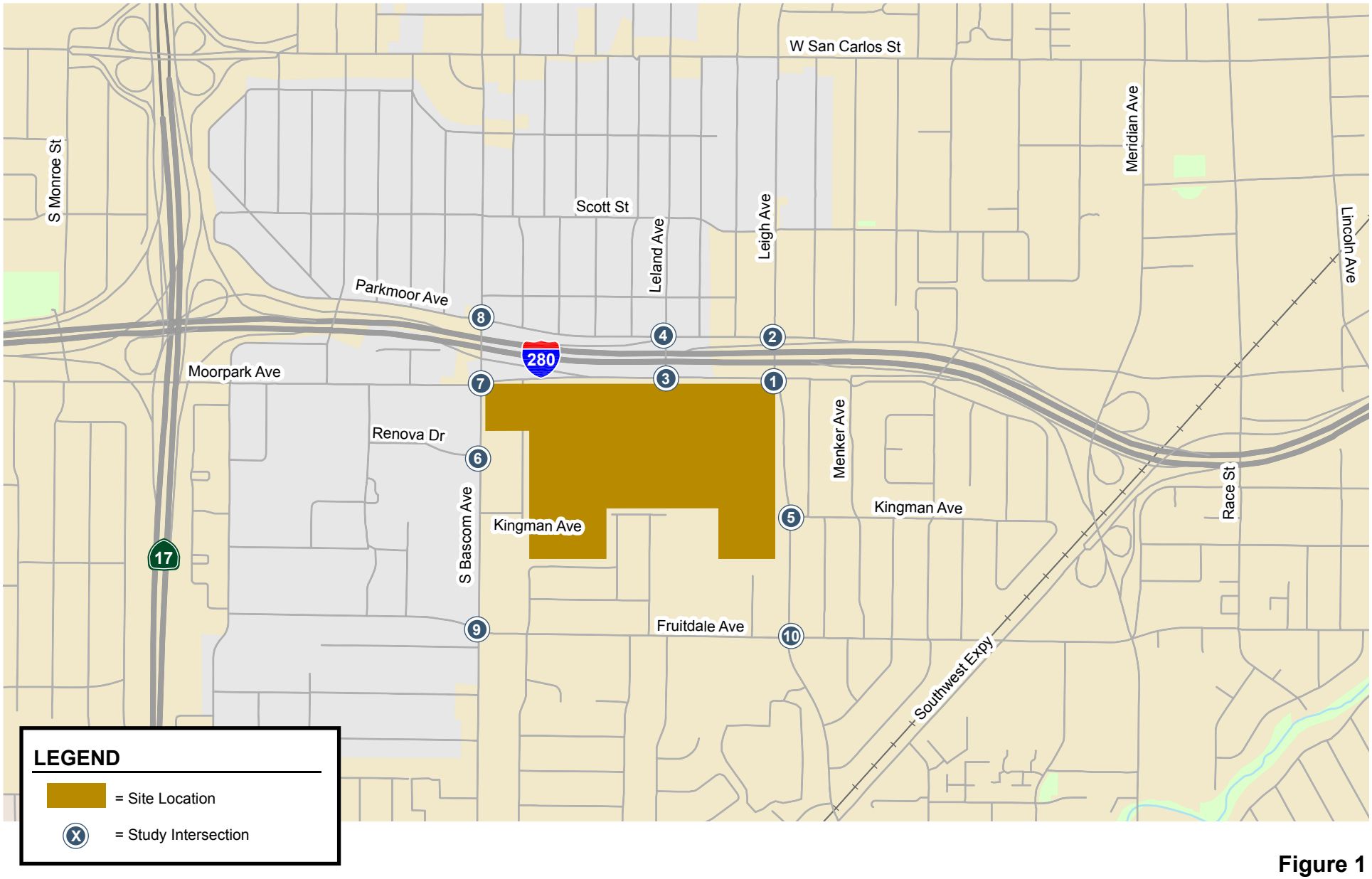


Figure 1
Site Location and Study Intersections

NORTH
Not to Scale

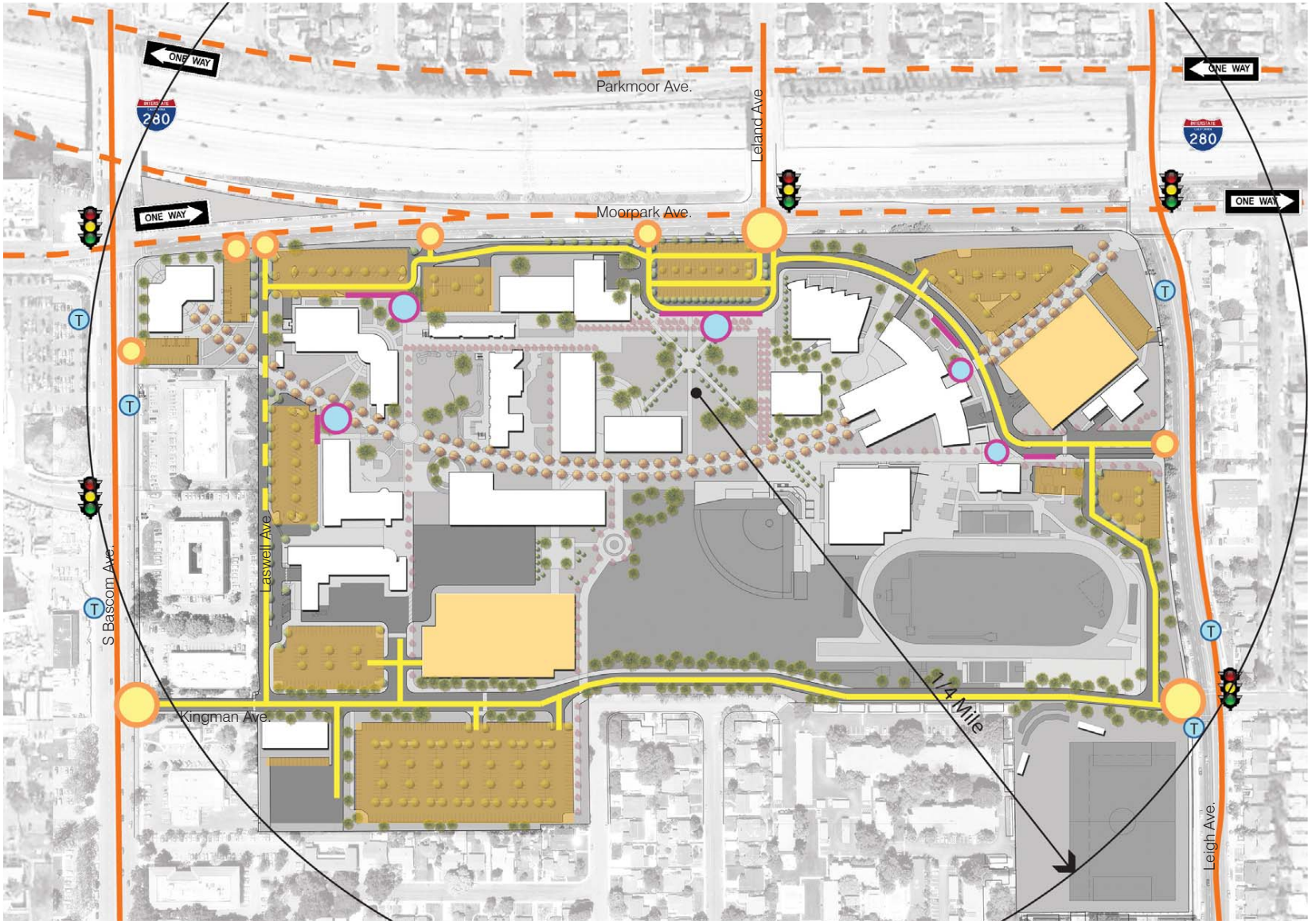


Figure 2
Site Plan

NORTH
Not to Scale

CEQA Transportation Analysis Scope

The CEQA Transportation Analysis includes an evaluation of vehicle miles traveled (VMT).

VMT Analysis

The City of San Jose's Transportation Analysis Policy establishes procedures for determining project impacts on VMT based on project description, characteristics, and/or location. The City of San Jose defines VMT as the total miles of travel by personal motorized vehicles a project is expected to generate in a day. VMT is calculated using the Origin-Destination VMT method, which measures the full distance of personal motorized vehicle-trips with one end within the project.

A project's VMT is compared to the appropriate thresholds of significance based on the project location and type of development.

The City's VMT Policy does not address schools. For assessing the VMT for this school project, the school's VMT was divided by the number of students to determine VMT per student. If the VMT per student under project conditions would be equal to or lower than the VMT per student without the project, the project was considered to have a less than significant VMT impact.

Local Transportation Analysis Scope

A local transportation analysis (LTA) identifies transportation operational issues that may arise due to a development project, evaluates the effects of the project on transportation, access, circulation, and related safety elements in the proximate area of the project, and supplements the VMT analysis.

As part of the LTA, a project is required to conduct an intersection operations analysis for any signalized intersections within a half mile of the project and at any signalized intersections currently operating at LOS D or worse within one mile of the project. The AM and PM peak-hour traffic operations conditions were evaluated for the ten signalized intersections listed below.

1. Leigh Avenue and Moorpark Avenue
2. Leigh Avenue and Parkmoor Avenue
3. Leland Avenue and Moorpark Avenue
4. Leland Avenue and Parkmoor Avenue
5. Leigh Avenue and Kingman Avenue
6. Bascom Avenue and Renova Drive
7. Bascom Avenue and Moorpark Avenue (CMP)
8. Bascom Avenue and Parkmoor Avenue
9. Bascom Avenue and Fruitdale Avenue (CMP)
10. Leigh Avenue and Fruitdale Avenue

Traffic conditions at the study intersections were analyzed for both the weekday AM and PM peak hours of adjacent street traffic. The AM peak hour is expected to occur between 7:00 AM and 9:00 AM and the PM peak hour is expected to occur between 4:00 PM and 6:00 PM on a regular weekday. These are the peak commute hours during which most traffic congestion occurs on the roadways.

Intersection operations conditions were evaluated for the following scenarios:

- ***Existing Conditions.*** Existing traffic volumes at the study intersections were obtained from traffic counts. Due to Covid-19 and regional shelter-in-place orders, new traffic counts do not represent typical traffic conditions. Therefore, a growth rate of 1% per year was applied to the

traffic counts that were more than two years old to estimate the traffic volumes for existing conditions. The study intersections were evaluated with a level of service analysis using Traffix software in accordance with the 2000 Highway Capacity Manual methodology.

- ***Background Conditions.*** Background traffic volumes reflect traffic added by nearby approved projects that are not yet completed or occupied. The added traffic from approved but not yet completed developments was provided by the City of San Jose.
- ***Background Plus Project Conditions.*** Background plus project conditions reflect projected traffic volumes on the planned roadway network with completion of the project and approved developments. Background plus project traffic volumes were estimated by adding to background traffic volumes the additional traffic generated by the project.

The LTA also includes a freeway segment capacity analysis, freeway ramp operations analysis, vehicle queuing analysis, an evaluation of potential project adverse effects on bicycle, pedestrian, and transit facilities, and a review of site access, on-site circulation, and parking demand.

Intersection Operations Analysis Methodology

This section presents the methods used to determine the traffic operations conditions at the study intersections and the impacts of the project on intersection operations. It includes descriptions of the data requirements, the analysis methodologies, and the applicable level of service standards for identifying deficiencies.

Data Requirements

The data required for the analysis were obtained from the City of San Jose. The following data were collected from these sources:

- existing traffic volumes
- approved project trips
- existing lane configurations
- signal timing and phasing

Level of Service Standards and Analysis Methodologies

Traffic conditions at the study intersections were evaluated using level of service (LOS). *Level of Service* is a qualitative description of operating conditions ranging from LOS A, or free-flow conditions with little or no delay, to LOS F, or jammed conditions with excessive delays. However, the study intersections are analyzed using the City of San Jose methodology and thresholds since the project site is surrounded by the City of San Jose. The various analysis methods are described below.

Signalized Intersections

The City of San Jose level of service methodology for signalized intersections is the 2000 *Highway Capacity Manual* (HCM) method. This method is applied using the TRAFFIX software. The 2000 HCM operations method evaluates signalized intersection operations on the basis of average control delay time for all vehicles at the intersection. The City of San Jose level of service standard for all signalized intersections is LOS D or better. Bascom Avenue and Moorpark Avenue and Bascom Avenue and Fruitdale Avenue are CMP intersections and have a level of service standard of LOS D per the City of San Jose. The correlation between average control delay and level of service is shown in Table 1.

Table 1
Signalized Intersection of Level of Service Definitions Based on Control Delay

Level of Service	Description	Average Control Delay Per Vehicle (sec.)
A	Signal progression is extremely favorable. Most vehicles arrive during the green phase and do not stop at all. Short cycle lengths may also contribute to the very low vehicle delay.	10.0 or less
B+ B B-	Operations characterized by good signal progression and/or short cycle lengths. More vehicles stop than with LOS A, causing higher levels of average vehicle delay.	10.1 to 12.0 12.1 to 18.0 18.1 to 20.0
C+ C C-	Higher delays may result from fair signal progression and/or longer cycle lengths. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant, though many still pass through the	20.1 to 23.0 23.1 to 32.0 32.1 to 35.0
D+ D D-	The influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable signal progression, long cycle lengths, or high volume-to-capacity (V/C) ratios. Many vehicles stop and	35.1 to 39.0 39.1 to 51.0 51.1 to 55.0
E+ E E-	This is considered to be the limit of acceptable delay. These high delay values generally indicate poor signal progression, long cycle lengths, and high volume-to-capacity (V/C) ratios. Individual cycle failures occur frequently.	55.1 to 60.0 60.1 to 75.0 75.1 to 80.0
F	This level of delay is considered unacceptable by most drivers. This condition often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the intersection. Poor progression and long cycle lengths may also be major-contributing causes of such delay levels.	greater than 80.0

Source: Transportation Research Board, *Highway Capacity Manual 2000* (Washington, D.C., 2000) p10-16.

Intersection Vehicle Queuing Analysis

For selected high-demand movements at the study intersections, the estimated maximum vehicle queues were compared to the existing or planned storage capacity. The queuing analysis is presented for informational purposes only, since the City of San Jose has not defined a policy related to queuing. Vehicle queues were calculated using a Poisson probability distribution, which estimates the probability of "n" vehicles for a vehicle movement using the following formula:

$$P(x = n) = \frac{\lambda^n e^{-(\lambda)}}{n!}$$

Where:

$P(x = n)$ = probability of "n" vehicles in queue per lane
n = number of vehicles in the queue per lane
λ = average # of vehicles in the queue per lane (vehicles per hr. per lane/signal cycles per hr.)

The basis of the analysis is as follows: (1) the Poisson probability distribution is used to estimate the 95th percentile maximum number of queued vehicles per signal cycle for a particular movement; (2) the estimated maximum number of vehicles in the queue is translated into a queue length, assuming 25 feet per vehicle; and (3) the estimated maximum queue length is compared to the existing or planned available storage capacity for the movement.

For signalized intersections, the 95th percentile queue length value indicates that during the peak hour, a queue of this length or less would occur on 95 percent of the signal cycles. Or, a queue length larger than the 95th percentile queue would only occur on 5 percent of the signal cycles (about 3 cycles during the peak hour for a signal with a 60-second cycle length). Therefore, left-turn pocket storage designs based on the 95th percentile queue length would ensure that storage space would be exceeded only 5 percent of the time for a signalized movement.

Adverse Intersection Operations Effects

The criteria used to determine intersection operations effects on signalized intersections are based on City of San Jose Level of Service standards.

The project is said to create an adverse effect at a signalized intersection in the City of San Jose if for either peak hour:

1. The level of service at the intersection degrades from an acceptable LOS D or better under background conditions to an unacceptable LOS E or F under background plus project conditions, or
2. The level of service at the intersection is an unacceptable LOS E or F under background conditions and the addition of project trips cause both the critical-movement delay at the intersection to increase by four (4) or more seconds and the volume-to-capacity ratio (V/C) to increase by one percent (.01) or more.

An exception to rule #2 above applies when the addition of project trips reduces the amount of average delay for critical movements (i.e., the change in average delay for critical movements is negative). In this case, a deficiency is identified if there is an increase in the critical V/C value by .01 or more.

Adverse effects at signalized intersections can be addressed by one of the following approaches:

- Construct improvements to the subject intersection or other roadway segments of the citywide transportation system to increase overall capacity, or
- Reduce project-generated vehicle trips (e.g., implement a “trip cap”) to eliminate the adverse operational effects and restore intersection operations to background conditions. The extent of trip reduction should be set at a level that is realistically attainable through proven methods of reducing trips.

Freeway Ramp Analysis Methodology

A freeway ramp analysis was performed in order to verify that the freeway ramps would have sufficient capacity to serve the expected traffic volumes with and without the project. This analysis consisted of a volume-to-capacity ratio evaluation of selected freeway ramps. The ramp capacities were obtained from the *Highway Capacity Manual 2000* and consider both the free-flow speed and the number of lanes on the ramp, and in some instances the ramp metering rate.

Freeway Segment Analysis Methodology

As prescribed in the CMP technical guidelines, the level of service for freeway segments is estimated based on vehicle density. Density is calculated by the following formula:

$$D = V / (N*S)$$

Where:

D = density, in vehicles per mile per lane (vpmpl)
V = peak hour volume, in vehicles per hour (vph)

N = number of travel lanes
S = average travel speed, in miles per hour (mph)

The vehicle density on a segment is correlated to level of service as shown in Table 2. The CMP specifies that a capacity of 2,300 vehicles per hour per lane (vphpl) be used for mixed-flow lane segments that are three lanes or wider in one direction, and a capacity of 2,200 vphpl be used for mixed-flow lane segments that are two lanes wide in one direction. A capacity of 1,650 vphpl was used for high occupancy vehicle (HOV) lanes. The CMP defines an acceptable level of service for freeway segments as LOS E or better. The freeway segment analysis is presented for informational purposes.

Table 2
Freeway Segment Level of Service Definitions Based on Density

Level of Service	Description	Density (vehicles/mile/lane)
A	Average operating speeds at the free-flow speed generally prevail. Vehicles are almost completely unimpeded in their ability to maneuver within the traffic stream.	11.0 or less
B	Speeds at the free-flow speed are generally maintained. The ability to maneuver within the traffic stream is only slightly restricted, and the general level of physical and psychological comfort provided to drivers is still high.	11.1 to 18.0
C	Speeds at or near the free-flow speed of the freeway prevail. Freedom to maneuver within the traffic stream is noticeably restricted, and lane changes require more vigilance on the part of the driver.	18.1 to 26.0
D	Speeds begin to decline slightly with increased flows at this level. Freedom to maneuver within the traffic stream is more noticeably limited, and the driver experiences reduced physical and psychological comfort levels.	26.1 to 46.0
E	At this level, the freeway operates at or near capacity. Operations in this level are volatile, because there are virtually no usable gaps in the traffic stream, leaving little room to maneuver within the traffic stream.	46.1 to 58.0
F	Vehicular flow breakdowns occur. Large queues form behind breakdown points.	greater than 58.0

Source: VTA Traffic Level of Service Analysis Guidelines (June 2003), Table 1.
Transportation Research Board, 2000 Highway Capacity Manual (Washington, D.C., 2000)

Report Organization

This report has a total of five chapters. Chapter 2 describes existing transportation conditions including the existing roadway network, transit service, and bicycle and pedestrian facilities. Chapter 3 describes the CEQA transportation analysis, including the project VMT impact analysis and a cumulative transportation impact assessment. Chapter 4 describes the local transportation analysis including operations of study intersections, the methods used to estimate project-generated traffic, the project's effects on the study intersections, and an analysis of other transportation issues including freeway segment capacity analysis, freeway ramp operations, intersection vehicle queuing, site access and circulation, parking, and potential project effects on transit services, and bicycle and pedestrian facilities. Chapter 5 presents the conclusions of the transportation analysis.

2. Existing Conditions

This chapter describes the existing conditions for transportation facilities in the vicinity of the site, including the roadway network, transit service, pedestrian and bicycle facilities, and the existing levels of service of the key intersections in the study area.

Existing Roadway Network

Regional access to the project site is provided via California State Route 17 (SR 17), Interstate 280 (I-280), and Interstate 880 (I-880). Local access to the project site is provided via Bascom Avenue, Moorpark Avenue, Leigh Avenue, Fruitdale Avenue, Laswell Avenue, Kingman Avenue, and Leland Avenue.

SR 17 is a six-lane freeway in the vicinity of the site. SR 17 extends northward to the I-280 and I-880 interchange in San Jose and southward to State Route 1 in Santa Cruz. North of the I-280 and I-880 interchange, SR 17 transitions to I-880. Access to and from the site is provided via the I-880 and I-280 interchange, and interchanges at Moorpark Avenue and Parkmoor Avenue.

I-280 is an eight-lane freeway in the vicinity of the site. I-280 extends northward through San Francisco and southward to US 101 in San Jose. East of US 101, it makes a transition into I-680 to Oakland. Access to and from the site is provided via the I-880 and SR 17 interchange, and interchanges at Moorpark Avenue and Parkmoor Avenue.

I-880 is a six-lane freeway in the vicinity of the site. I-880 extends northward through Oakland and southward to SR 17 and I-280 interchange. South of the SR 17 and I-280 interchange, I-880 transitions to SR 17. Access to and from the site is provided via the SR 17 and I-280 interchange, and interchanges at Moorpark Avenue and Parkmoor Avenue.

Bascom Avenue is a six-lane arterial that runs in the north-south direction in the vicinity of the site. The street has left-turn pockets provided at intersections, center medians, and parking allowed on both sides. Bascom Avenue extends northward to Newhall Street where it transitions to Washington Street and extends southward to Samaritan Drive where it transitions to Los Gatos Boulevard. Bascom Avenue includes sidewalks on both sides of the street and has a posted speed limit of 35 mph near the project site. Bascom Avenue provides access to the project site via its intersections with Moorpark Avenue and Kingman Avenue and direct access to the site via the driveway at the Technology Center (southeast corner of the Bascom Avenue/Moorpark Avenue intersection).

Moorpark Avenue is an east-west arterial that runs north of the site from Williams Road/Gullo Avenue in the west to Kingman Avenue in the east. It is a two-way four-lane street west of Bascom Avenue and a one-way three lane street between Bascom Avenue and Menker Avenue and again two-way two-lane street east of Menker Avenue. Moorpark Avenue has continuous sidewalks along the south side of the street and gaps in sidewalks along the north side of the street near the site. East of Bascom Avenue, Moorpark Avenue has a posted speed limit of 35 mph and parking is allowed along the south side and north side except between the I-280 off-ramp and Leland Avenue near the project. Bicycle lanes are present west of Thornton Way. Moorpark Avenue provides direct access to the project site via three driveways and its intersection with Laswell Avenue and Leland Avenue (Ceremonial Entry).

Leigh Avenue is a two to four lane north-south street in the vicinity of the project site. Leigh Avenue extends from W San Carlos Street in the north to Blossom Hill Road in the south. Leigh Avenue has continuous sidewalks and parking allowed on both sides and has a designated speed limit of 35 mph. Bicycle lanes are present on both sides of Leigh Avenue near the project site. Leigh Avenue provides direct access to the project site.

Fruitdale Avenue is an east-west arterial that runs south of the site from Enborg Lane in the west to Avis Drive in the east. It is a four-lane street east of Bascom Avenue, which continues as Enborg Lane west of Bascom Avenue. East of Bascom Avenue, Fruitdale Avenue has left-turn pockets provided at intersections, continuous sidewalks and parking allowed along both sides of the street, and a posted speed limit of 35 mph. Fruitdale Avenue provides access to the project site via its intersection with Bascom Avenue.

Leland Avenue is a two-lane north-south street that extends from W. San Carlos Street in the north to a project driveway in the south. The street has continuous sidewalks and parking allowed on both sides and has a designated speed limit of 25 mph. Leland Avenue provides direct access to the project site at the Ceremonial Entry on Moorpark Avenue.

Laswell Avenue is a two-lane north-south internal street, which extends from Moorpark Avenue in the north to the student parking lot E in the south. This internal driveway provides access to the west side campus parking lots.

Kingman Avenue is a two-lane east-west internal street that extends from South Bascom Avenue in the west to the student parking lot E in the east. This internal driveway provides access to the west side campus parking lots.

Existing Pedestrian and Bicycle Facilities

Existing Pedestrian and Bicycle Facilities

A complete network of sidewalks is present along the streets in the vicinity of the project site. Sidewalk is present along the east side of Laswell Avenue and the south side of Kingman Avenue. Marked crosswalks with pedestrian signal heads and push buttons are located at a minimum of three legs at all the signalized intersections. Marked crosswalks are also present at all unsignalized intersections in the vicinity of the project site. Overall, the existing network of sidewalks and crosswalks provides pedestrians with safe routes to the project site and transit stops.

The bicycle facilities that exist within one mile of the project site (see Figure 3) include bike lanes (Class II bikeway) and bike routes (Class III bikeway). Bike lanes are lanes designated for use by bicycles with special lane marking, pavement legends, and signage. Bike routes are streets shared by bikes and motor vehicles.

Class II bike lanes exist on the following roadways:

- Stevens Creek Boulevard between South Monroe Street and McArthur Avenue
- Monroe Street between Newhall Street and Moorpark Avenue
- Moorpark Avenue between Lawrence Expressway and Thornton Way
- South Bascom Avenue between Fruitdale Avenue and East Hamilton Avenue
- Leigh Avenue between Moorpark Avenue and Fruitdale Avenue
- Parkmoor Avenue between Leigh Avenue and Lincoln Avenue
- Southwest Expressway between Fruitdale Avenue and South Bascom Avenue
- Race Street between W. San Carlos Street and Parkmoor Avenue and Fruitdale Avenue and I-280 Westbound Off-ramps
- Lincoln Avenue between Minnesota Avenue and W. San Carlos Street

Class III bike routes exist on the following roadways:

- MacArthur Avenue between Stevens Creek Boulevard and Pfeffer Lane
- Scott Street between Patch Avenue and South Willard Avenue
- Pfeffer Lane between MacArthur Avenue and Moorpark Avenue
- Thornton Way between Moorpark Avenue and Downing Avenue
- South Monroe Street between Moorpark Avenue and Williams Road
- Williams Road between Winchester Boulevard to South Baywood Avenue
- Douglas Street between Willard Avenue and Meridian Avenue
- St. Elizabeth Drive between Fruitdale Avenue and Stokes Street
- Auzerais Avenue between Meridian Avenue and Woz Way

San Jose is currently in the process of updating its bike plan in the *San Jose Better Bike Plan 2025*.

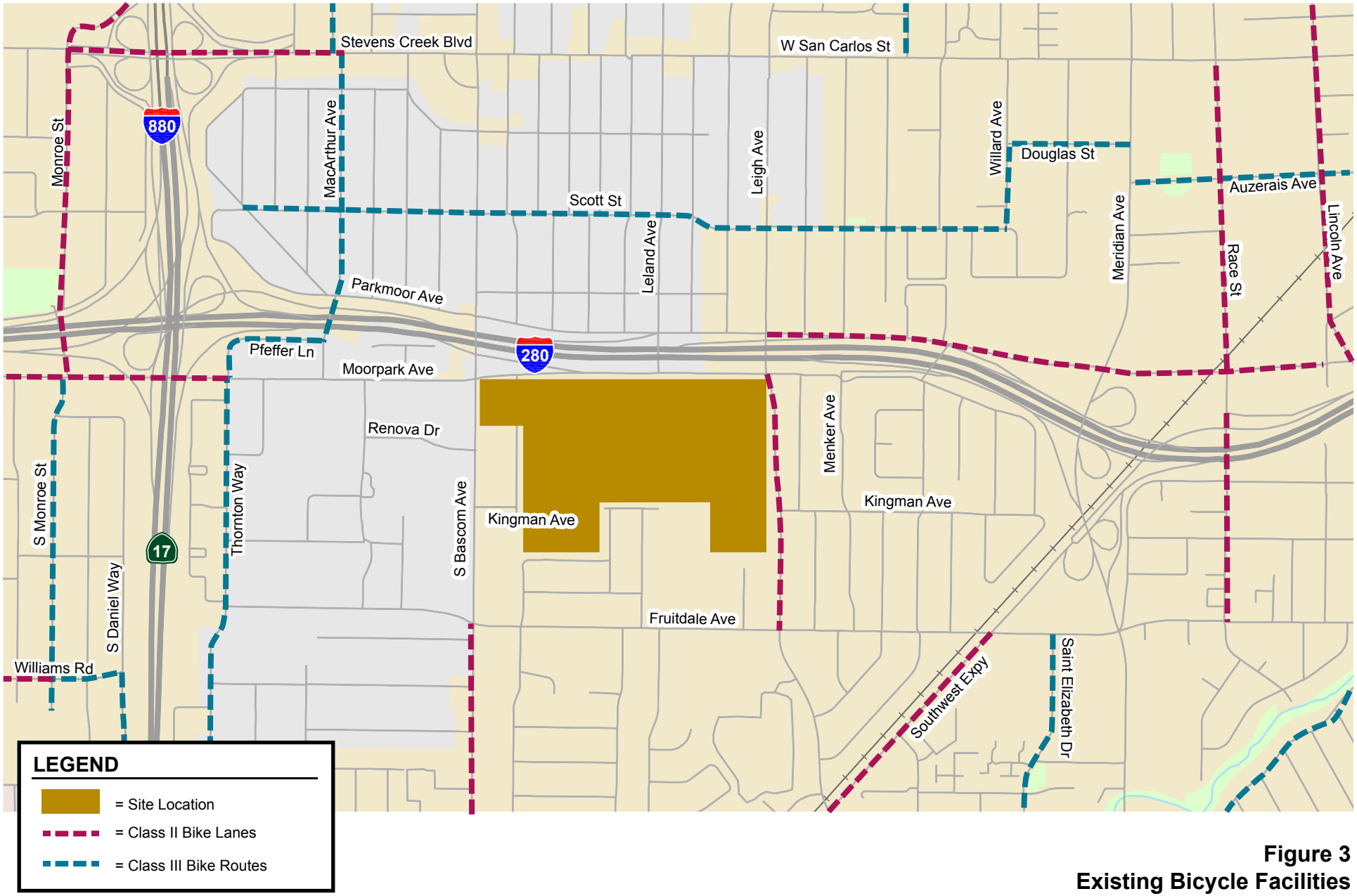


Figure 3
Existing Bicycle Facilities

NORTH
Not to Scale

Existing Transit Services

Existing transit service to the study area is provided by the VTA (see Figure 4 and Table 3). Four local VTA bus routes (Routes 23, 25, and 61), one rapid VTA bus route (Route 523), one VTA express bus route (Route 103), and one light rail train (LRT) route (Green Line) serve the vicinity of the project area, as described below. The bus stops closest to the project site are located on Bascom Avenue at Renova Drive and are served by VTA bus routes 25 and 61. Bus stops are also present along the project frontage on Leigh Avenue. These bus stops are not currently serviced since transit service near the project site is temporarily reduced due to COVID-19 and shelter-in-place.

Table 3
Existing Transit Service

Bus Route	Route Description	Closest Stop and Distance to Project Site	Weekday Hours of Operation[1]	Headway (minutes)[1]
Local Route 23	De Anza College - Alum Rock Station via Stevens Creek	San Carlos & Blossom; 3100 ft	5:30 AM - 12:40 AM	15 mins
Local Route 25	De Anza College - Alum Rock Station via Valley Med	Bascom & Renova; 780 ft Fruitdale & Blossom; 1250 ft	5:25 AM - 11:55 PM	15 mins
Local Route 61	Sierra & Piedmont - Good Samaritan Hospital	Bascom & Renova; 200 ft	5:20 AM - 10:55 PM	20 mins
Express Route 103	Eastridge - Stanford Research Park	Fruitdale Station; 2500 ft	5:05 AM - 8:25 AM 2:40 PM - 6:35 PM	25 to 80 mins
Rapid Route 523	Berryessa BART - Lockheed Martin via De Anza College	San Carlos & Blossom; 3100 ft	6:00 AM - 10:25 PM	30 mins
LRT Green Line	Old Ironsides - Winchester	Fruitdale Station; 2500 ft	5:20 AM - 12:40 AM	19 to 27 mins

1. Approximate weekday operation hours and headways during peak commute periods in the project area, as of October 2020.

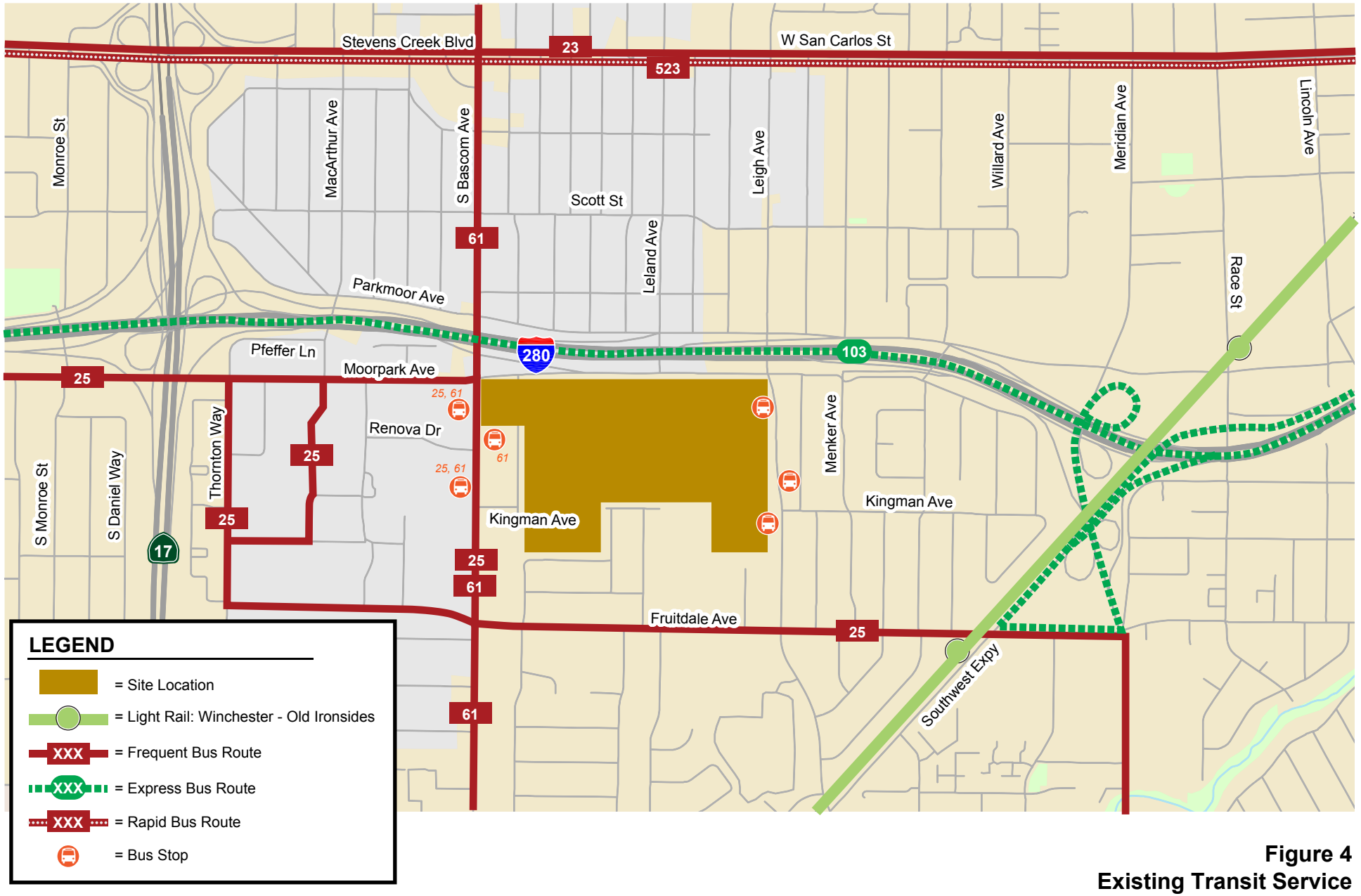


Figure 4
Existing Transit Service

NORTH
Not to Scale

Existing Intersection Lane Configurations

The existing lane configurations at the study intersections are shown on Figure 5.

Existing Traffic Volumes

Due to the COVID-19 pandemic, current traffic counts may not accurately reflect traffic conditions at the completion of the project. Existing traffic volumes at the study intersections were estimated using the following procedures:

- **Historical Traffic Counts**. Traffic counts at study intersections were obtained from the San Jose 2019 count database. PM peak hour traffic counts at CMP intersections were obtained from the Santa Clara County 2018 CMP database. A growth factor of 1% per year was applied to estimate 2020 conditions for counts older than two years.
- **Count Balancing.** Traffic counts estimated using the above methodologies were balanced for adjacent intersections: that is, the volume leaving one intersection was adjusted to match the volume approaching the adjacent intersection, subject to adjustments for intervening driveways or cross-streets.

Existing traffic volumes at the study intersections are shown in Figure 6. Traffic counts are included in Appendix A and traffic volumes are included in Appendix B.

Existing Intersection Traffic Operations

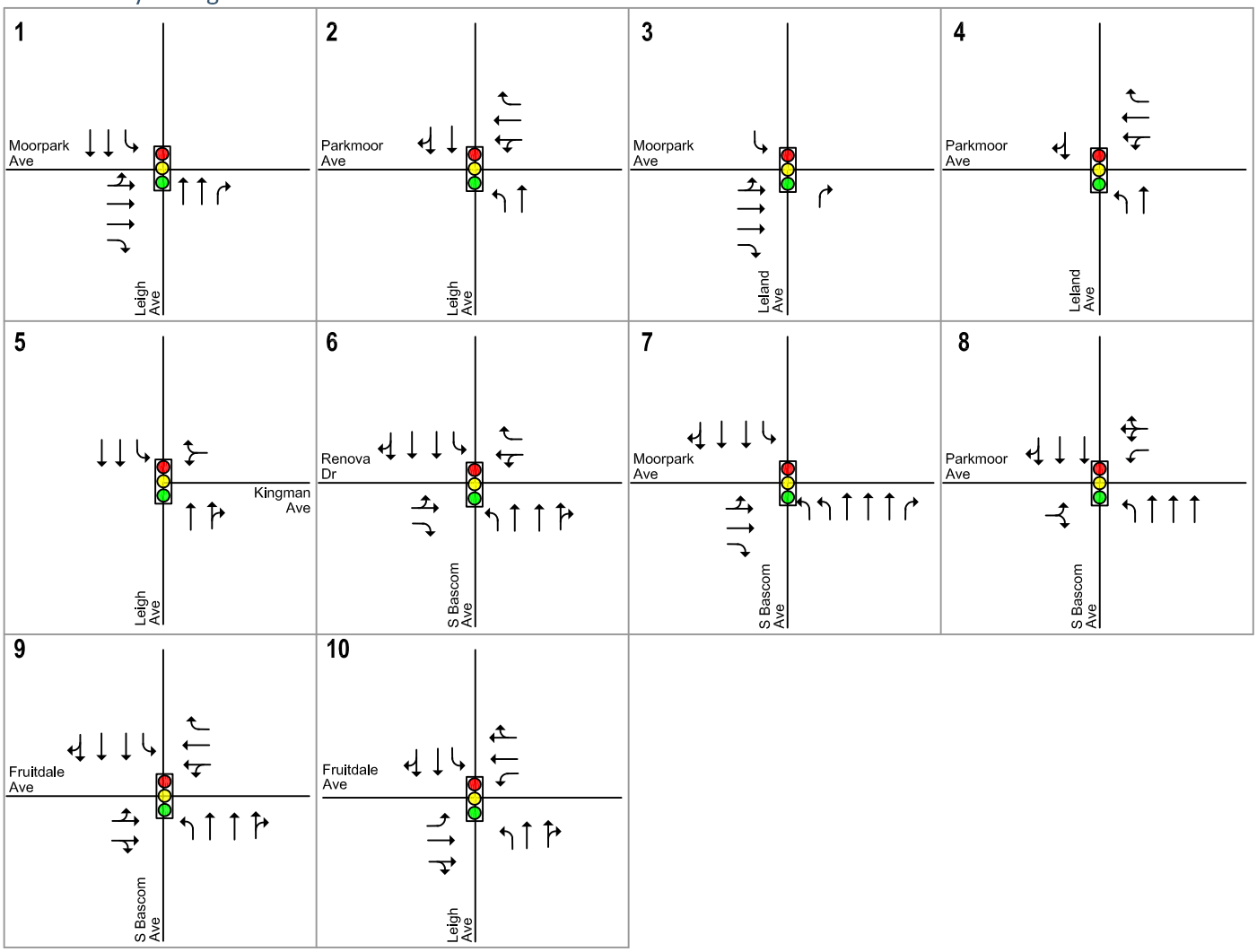
Intersection levels of service were evaluated against the standards of the City of San Jose. The results of the analysis show that the intersection of Bascom Avenue and Moorpark Avenue operates unacceptably at LOS E during the PM peak hour. All other signalized study intersections are currently operating at acceptable levels of service of D or better during the AM and PM peak hours of traffic (see Table 4).

The intersection levels of service calculation sheets are included in Appendix C.

Table 4
Existing Intersection Levels of Service

#	Intersection	Peak Hour	Count Date	Existing Conditions Avg. Delay (sec)*	Existing Conditions LOS
1	Leigh Avenue and Moorpark Avenue	AM	10/12/16	28.6	C
		PM	10/12/16	18.2	B-
2	Leigh Avenue and Parkmoor Avenue	AM	10/12/16	28.4	C
		PM	10/12/16	22.4	C+
3	Leland Avenue and Moorpark Avenue	AM	9/14/11	9.5	A
		PM	9/14/11	13.5	B
4	Leland Avenue and Parkmoor Avenue	AM	10/26/16	20.7	C+
		PM	10/26/16	23.9	C
5	Leigh Avenue and Kingman Avenue	AM	9/13/18	13.4	B
		PM	9/13/18	13.5	B
6	Bascom Avenue and Renova Drive	AM	10/4/12	16.2	B
		PM	10/4/12	21.1	C+
7	Bascom Avenue and Moorpark Avenue	AM	11/7/17	39.0	D+
		PM	12/11/18	**63.7**	**E**
8	Bascom Avenue and Parkmoor Avenue	AM	5/7/15	44.4	D
		PM	5/6/15	37.1	D+
9	Bascom Avenue and Fruitdale Avenue	AM	5/7/15	45.5	D
		PM	12/11/18	45.7	D
10	Leigh Avenue and Fruitdale Avenue	AM	5/7/15	34.9	C-
		PM	5/6/15	28.9	C

Note:
* Delays based on average delay for signalized intersections.
A growth factor of 1% was applied per year from previous existing count date if older than 2018 to estimate new count data.
Bold indicates a substandard level of service.

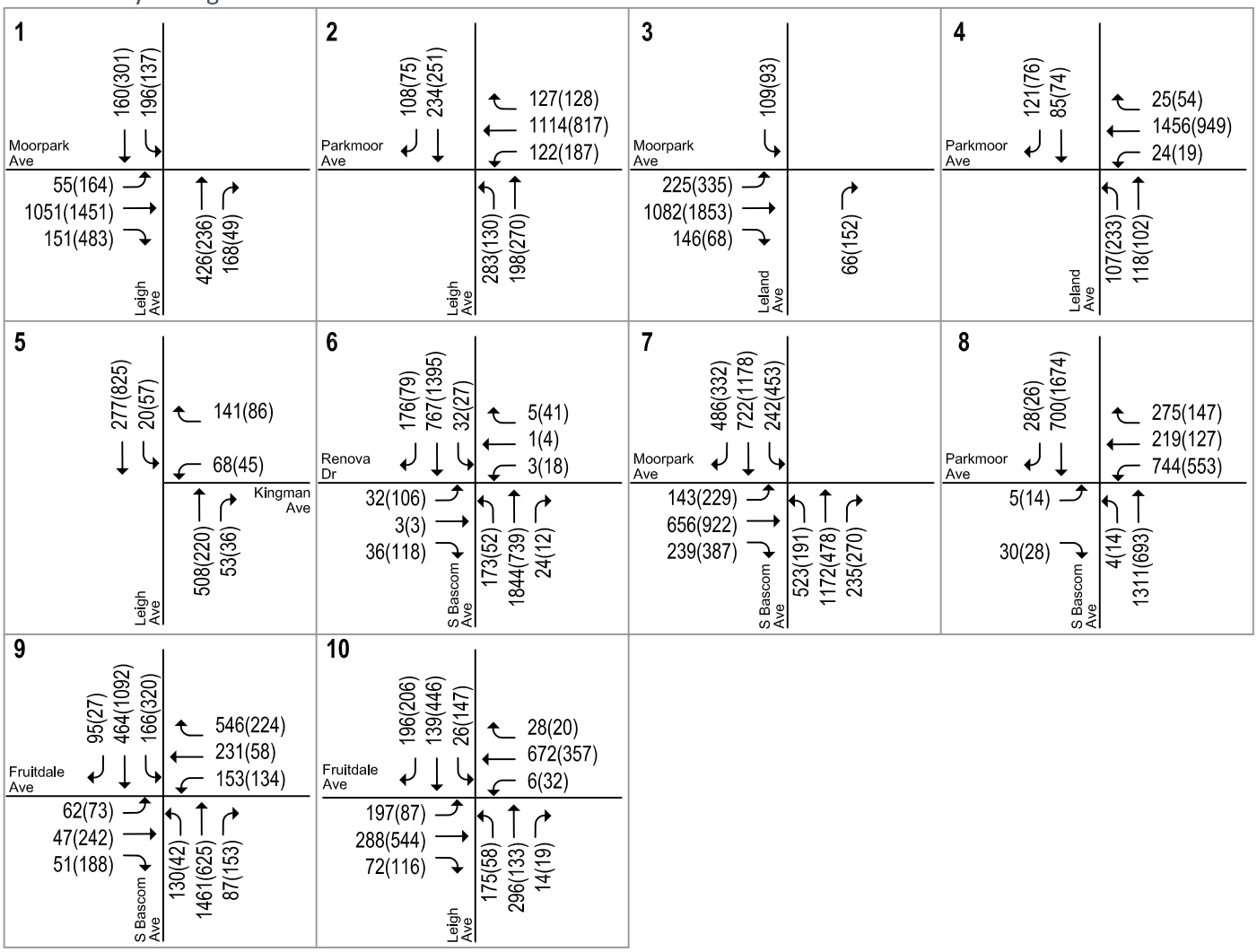


LEGEND

= Signalized Intersection

Figure 5
Existing Lane Configurations

NORTH
Not to Scale



LEGEND

XX(XX) = AM(PM) Peak-Hour Traffic Volumes

Figure 6
Existing Traffic Volumes

NORTH
Not to Scale

3. CEQA Transportation Analysis

This chapter describes the CEQA transportation analysis, including the project VMT analysis, and cumulative transportation analysis.

Project Level VMT Analysis

The effect on VMT by increasing the student enrollment by 2,029, from 8,706 today to 10,735 by the year 2030 at SJCC was evaluated with the City of San Jose's Travel Demand Forecasting (TDF) model using existing (2015) and year 2030 land use and demographic projections. Table 5 presents a summary of the results. Note that faculty and staff trips are also included in the totals.

Table 5
VMT Analysis

VMT Analysis	2015 No Project	2030 with Project	Difference
Number of students	8,706	10,735	2,029
Vehicle Mode Share	81%	78%	-3%
Number of Daily Student Vehicle Trips	6,569	7,780	1,211
Daily Student VMT	49,178	58,435	9,257
Daily VMT per Student	5.65	5.44	-0.21

The table shows that the daily VMT per student would decrease by 0.21, from 5.65 VMT under existing conditions to 5.44 VMT by 2030, therefore not causing a significant VMT impact. The reason for this reduction in VMT is two-fold: (1) The expected improved transit service in the area by 2030 would result in higher transit and lower vehicle mode shares as shown in Table 5, and (2) the student population in the area would grow at a higher rate than the student enrollment at SJCC: that is, the enrollment at SJCC would increase by 23 percent, while the number of students living within 10 miles of the SJCC campus would increase by 34 percent by 2030. This is expected to lead to a decrease in student trip lengths and, hence, an overall decrease in VMT per student.

Cumulative VMT Impact Analysis

Projects must demonstrate consistency with the *Envision San Jose 2040 General Plan* to address cumulative impacts. Consistency with the City's General Plan is based on the project's density, design, and conformance to the General Plan goals and policies. If a project is determined to be inconsistent with the General Plan, a cumulative impact analysis is required as part of the City's *Transportation Analysis Handbook*.

The project is consistent with the General Plan goals and policies for the following reasons:

- The project site is located adjacent to bus stops on Bascom Avenue and Leigh Avenue.
- The project would slightly increase the employment density in the project area, and the proposed density would be consistent with the General Plan Land Use Designation.
- The project would provide improvements to pedestrian connectivity in the vicinity of the project site.

Therefore, based on the project description, the proposed project would be consistent with *Envision San Jose 2040 General Plan*. The project would be considered as part of the cumulative solution to meet the General Plan's long-range transportation goals and would result in a less-than-significant cumulative impact.

4. Local Transportation Analysis

This chapter describes the local transportation analysis including the method by which project traffic is estimated, intersection operations analysis for background plus project conditions, any adverse intersection traffic effects caused by the project, intersection vehicle queuing analysis, freeway segment capacity analysis, freeway ramp operations, site access and on-site circulation review, effects on bicycle, pedestrian, and transit facilities.

Intersection Operations Analysis

The San Jose intersection analysis methodology and standards are described in Chapter 1.

Project Trip Estimates

Trip Generation

Vehicle trips generated by the project were estimated using the trip rates published in the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition (2017) for "Junior/Community College" (Land Use 540) located in a general Urban/Suburban area. Table 6 shows that the project would generate 223 trips (181 inbound and 42 outbound) during the AM peak hour and 223 trips (125 inbound and 98 outbound) during the PM peak hour.

Trip Adjustments and Reductions

In accordance with San Jose's *Transportation Analysis Handbook* (April 2020, Section 4.8, "Intersection Operations Analysis"), the project is eligible for adjustments and reductions to the baseline trip generation. Based on the 2020 San Jose guidelines, the project qualifies for a location-based adjustment. The location-based adjustment reflects the project's vehicle mode share based on the "place type" in which the project is located per the San Jose Travel Demand Model. The project's place type was obtained from the San Jose VMT Evaluation Tool. Based on the VMT Evaluation Tool, the project site is located within a designated Urban Low-Transit place type. Therefore, the baseline project trips were adjusted to reflect an Urban Low-Transit mode share.

Office developments within Urban Low-Transit areas have a vehicle mode share of 91 percent (according to Table 6 of the City's *Transportation Analysis Handbook*). It is assumed that the SJCC will have similar commuting patterns as that of an office. Thus, a 9 percent reduction was applied to the

project trip generation estimates based on the location-based vehicle mode share outputs produced from the San Jose Travel Demand Model.

Net Project Trips

After applying the ITE trip rates to the proposed project and applying the appropriate trip adjustments, it is estimated that the project would generate a net of 203 trips (165 inbound and 38 outbound) in the AM peak hour and 203 trips (114 inbound and 89 outbound) in the PM peak hour (See Table 6).

Table 6
Project Trip Generation Estimates

		AM Peak Hour				PM Peak Hour			
			Trip				Trip		
Land Use	Size	Rate	In	Out	Total	Rate	In	Out	Total
Proposed Land Uses									
Junior/Community College	**2,029** Students	0.110	181	42	223	0.110	125	98	223
Location-Based Vehicle Mode Share (9%) [2]			*(16)*	*(4)*	*(20)*		*(11)*	*(9)*	*(20)*
Net Project Trips			165	38	203		114	89	203

Source: ITE Trip Generation Manual, 10th Edition 2017
Notes:
1. Junior/Community College (Land Use 540), average rates expressed in trips per student are used.
2. The project site is located within an urban low-transit area based on the City of San Jose VMT Evaluation Tool (February 28, 2019). A 9% reduction was applied based on the office location-based vehicle mode share percentage outputs from Table 6 of the City of San Jose Transportation Analysis Handbook 2020 (TA Handbook). It is assumed that the college will have similar commute travel patterns to an office.

Trip Distribution and Assignment

The trip distribution pattern for the project was estimated based on existing travel patterns on the surrounding roadway system and the locations of complementary land uses. The peak-hour vehicle trips associated with the project were added to the roadway network in accordance with the trip distribution pattern, the roadway network connections, and the locations of the campus driveways. Driveways providing access to the campus parking are located along Bascom Avenue, Moorpark Avenue, and Leigh Avenue. Project trips were assigned to the campus driveways based on the proportion of parking spaces each of the driveways would provide access to. Trip distribution and trip assignment are shown on Figure 7 and Figure 8, respectively. Figure 9 shows the trip assignment at the project driveways.

Roadway Network and Traffic Volumes under Background Conditions

The roadway network under background conditions is the same as the roadway network under existing conditions. Under background conditions, the approved but not yet constructed trips will be added to existing volumes. The added traffic from approved but not yet constructed developments was obtained from the City of San Jose and is included in Appendix D. Background traffic volumes are shown on Figure 10.

Roadway Network and Traffic Volumes under Background plus Project Conditions

The facilities master plan proposes the addition of a new driveway at Leigh Avenue and Kingman Avenue and the removal of turning movement restrictions at Leland Avenue and Moorpark Avenue. Leland Avenue and Moorpark Avenue, which is the ceremonial entry of the campus, does not allow southbound through and northbound through movements from Leland Avenue into and out of the campus. The master plan proposes to remove these through movement restrictions and make the

intersection a three-way signal. Moorpark Avenue would remain as one-way eastbound only. The master plan also proposes the following new internal roadway connections (see Figure 2):

- New internal east-west roadway connection parallel to Moorpark Avenue connecting the parking lots along the northern portion of the campus
- Extension of Kingman Avenue to the east connecting Bascom Avenue and Leigh Avenue and the parking lots along the southern portion of the campus
- New North-south roadway in the eastern portion of the campus connecting Kingman Avenue to Moorpark Avenue.
- Conversion of portions of Laswell Avenue to pedestrian, service, and emergency vehicle access only.

Existing campus trips were redistributed to reflect changes in travel patterns that would occur due to the proposed change in vehicular access and internal circulation. Project trips were added to adjusted background trips for background plus project volumes. Background plus project traffic volumes are shown on Figure 11.

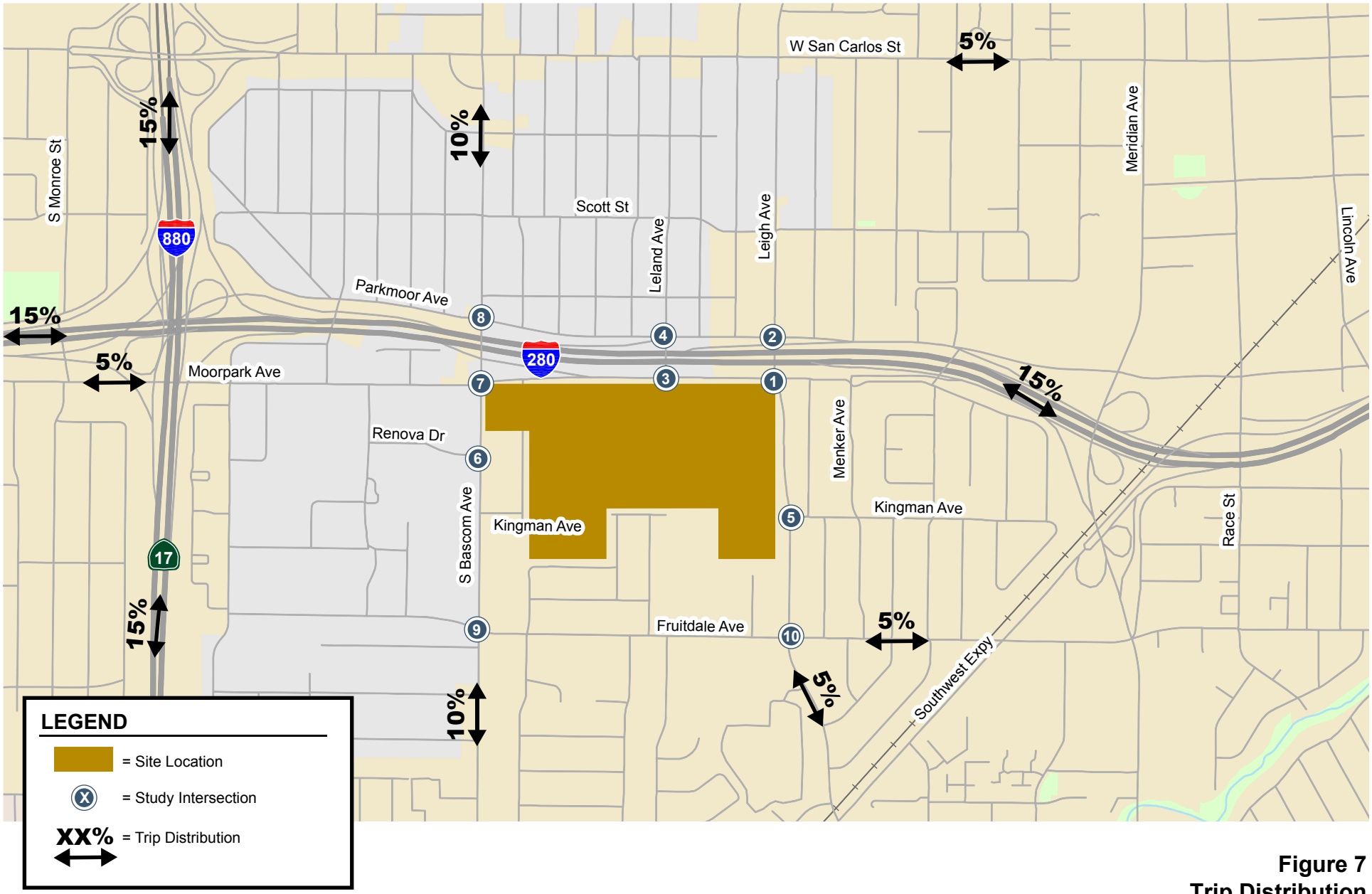
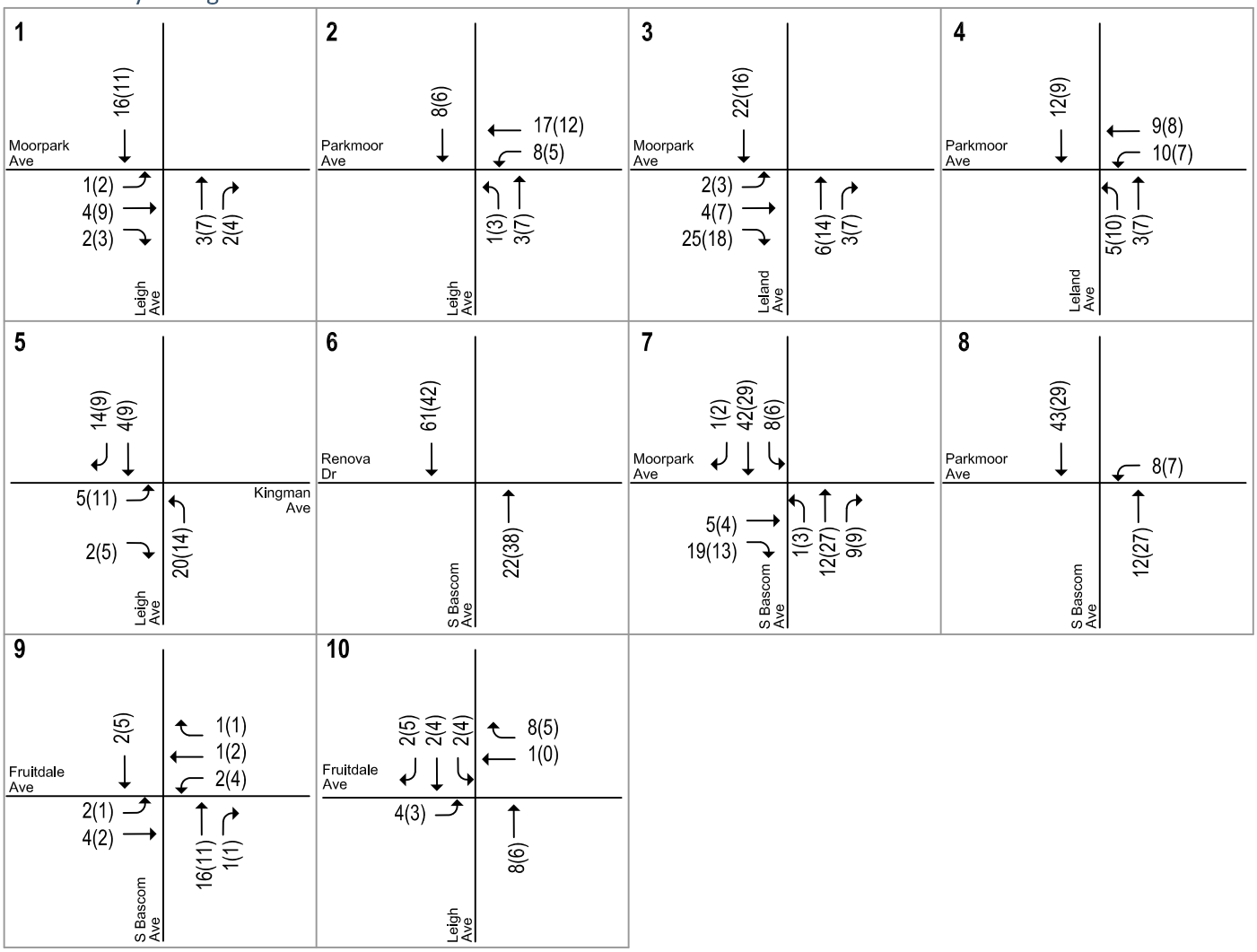


Figure 7
Trip Distribution

NORTH
Not to Scale



LEGEND

XX(XX) = AM(PM) Peak-Hour Trips

Figure 8
Trip Assignment

NORTH
Not to Scale

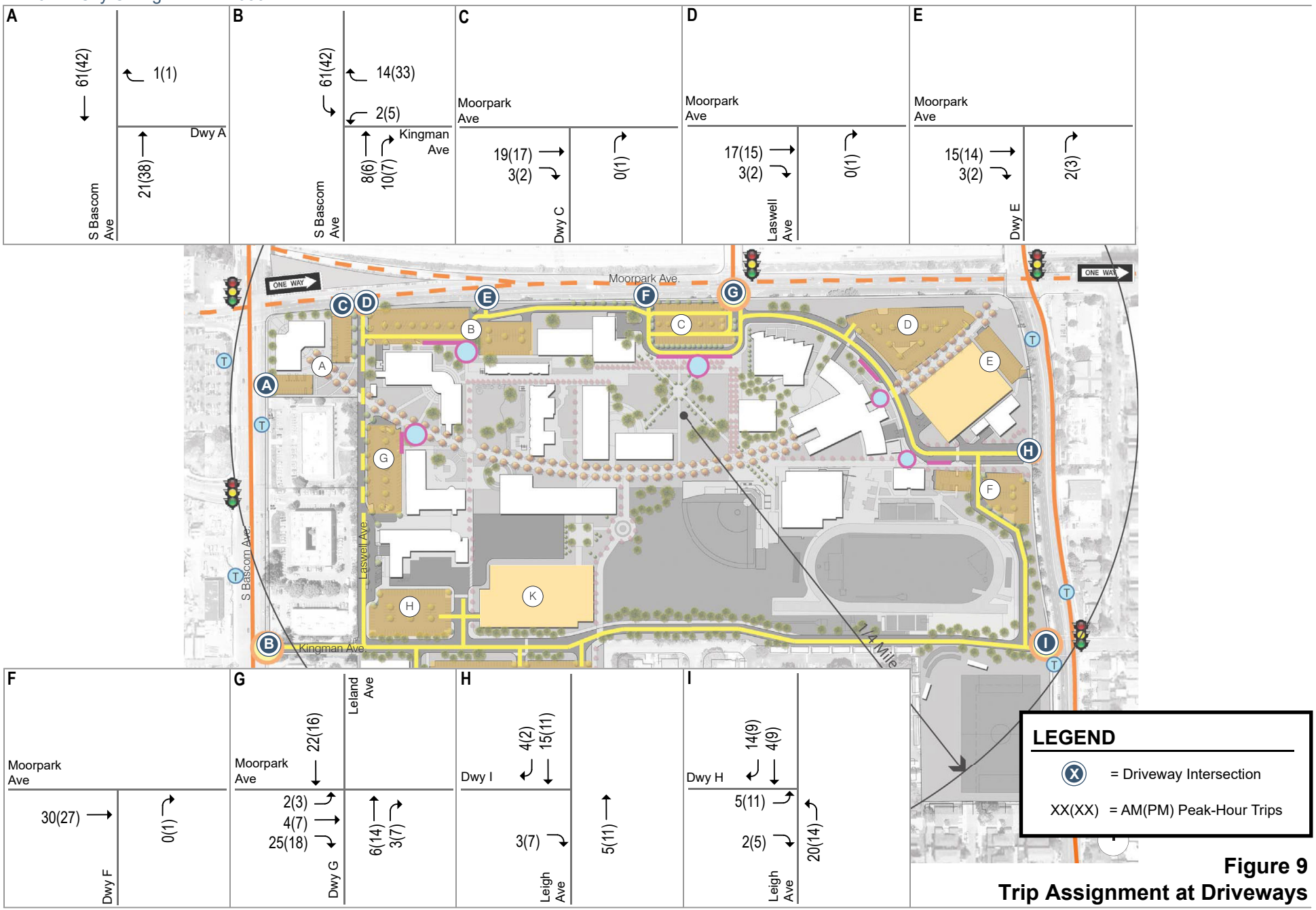
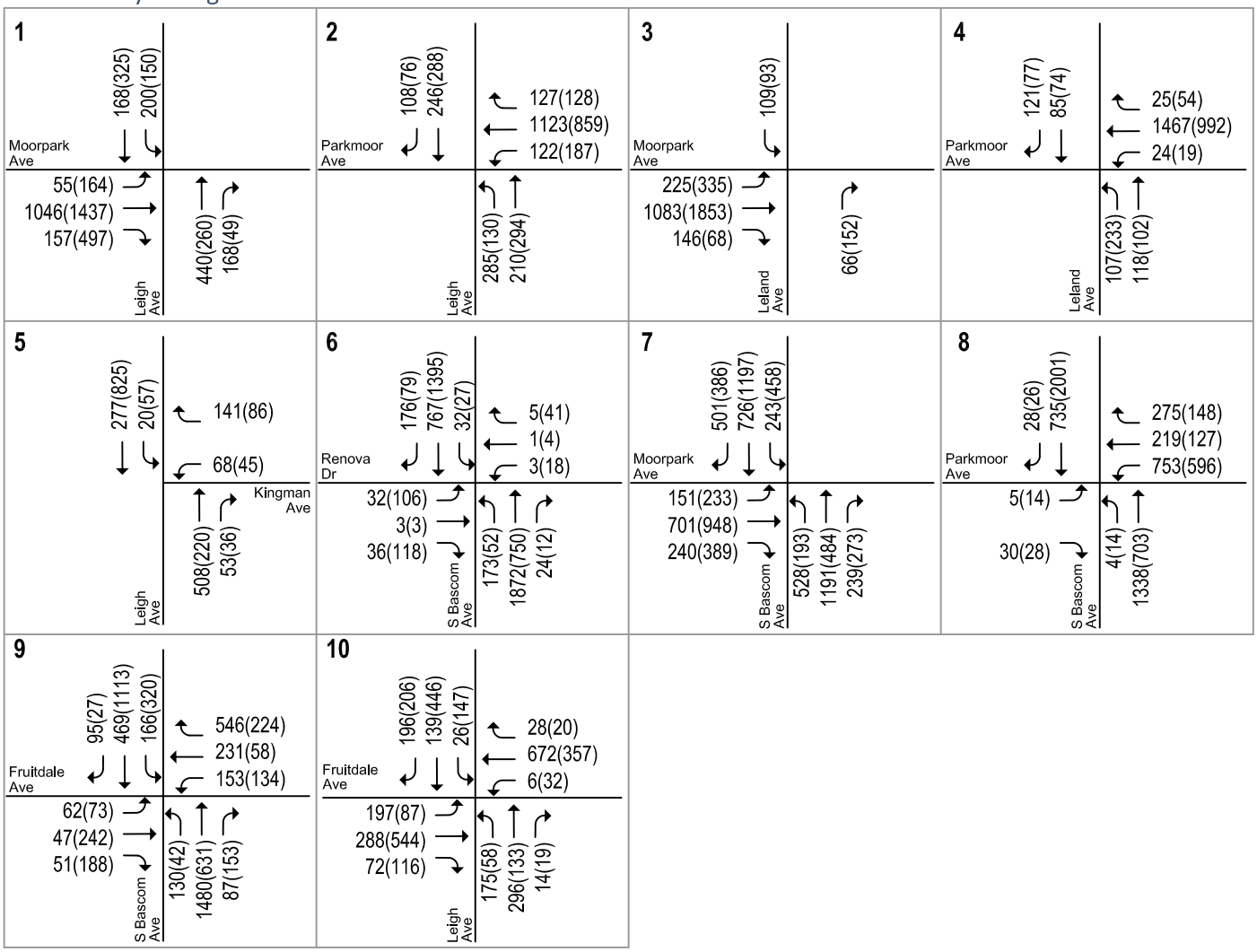


Figure 9
Trip Assignment at Driveways

HEXAGON

NORTH
Not to Scale

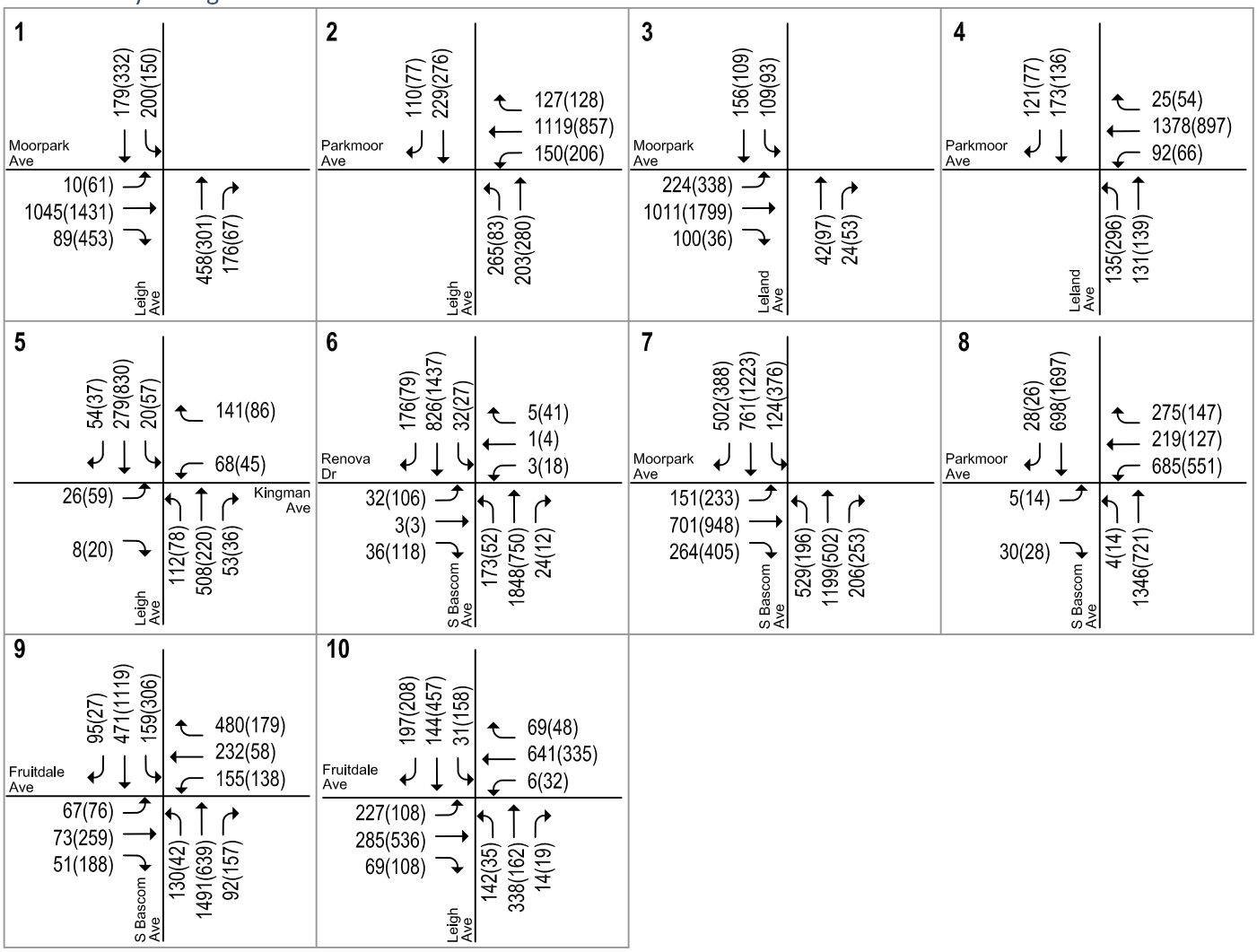


LEGEND

XX(XX) = AM(PM) Peak-Hour Traffic Volumes

Figure 10
Background Traffic Volumes

NORTH
Not to Scale



LEGEND

XX(XX) = AM(PM) Peak-Hour Traffic Volumes

Figure 11
Background Plus Project Traffic Volumes

NORTH
Not to Scale

Intersection Traffic Operations under Background and Project Conditions

Intersection traffic operations at the study intersections were evaluated against the City of San Jose level of service standard (LOS D). The results of the intersection level of service analysis (see Table 7) show that the intersection of Bascom Avenue and Moorpark Avenue would operate unacceptably at LOS E during the PM peak hour under background conditions. Under background plus project conditions, the intersection would continue to operate at an LOS E with an increase in critical delay of 1.2 seconds and a reduction in critical V/C of 0.058. The changes in critical delay and critical V/C due to the project at the intersection do not meet the City of San Jose's criteria for adverse effect.

All of the other signalized study intersections would operate at an acceptable level of service, LOS D or better, during the AM and PM peak hours under background and background plus project conditions.

The intersection level of service calculation sheets are included in Appendix C.

Table 7
Background Plus Project Intersection Levels of Service

#	Intersection	Peak Hour	Background Conditions: No Project Avg. Delay (sec)*	No Project LOS	with Project Avg. Delay (sec)*	with Project LOS	Incr. in Critical Delay (sec)	Incr. in Critical V/C
1	Leigh Avenue and Moorpark Avenue	AM	28.8	C	29.3	C	0.6	-0.003
		PM	19.2	B-	20.6	C+	1.6	-0.009
2	Leigh Avenue and Parkmoor Avenue	AM	28.7	C	27.7	C	-1.2	-0.009
		PM	22.9	C+	21.1	C+	-2.7	-0.027
3	Leland Avenue and Moorpark Avenue	AM	9.5	A	13.7	B	3.0	0.007
		PM	13.5	B	12.4	B	-3.1	-0.049
4	Leland Avenue and Parkmoor Avenue	AM	20.7	C+	26.0	C	6.1	0.065
		PM	23.7	C	27.8	C	5.0	0.063
5	Leigh Avenue and Kingman Avenue	AM	13.4	B	10.6	B+	-3.8	-0.027
		PM	13.5	B	6.9	A	-10.5	0.136
6	Bascom Avenue and Renova Drive	AM	16.2	B	16.1	B	-0.1	-0.005
		PM	21.1	C+	20.9	C+	-0.3	0.008
7	Bascom Avenue and Moorpark Avenue	AM	39.7	D	36.6	D+	0.0	0.001
		PM	**66.4**	**E**	**66.2**	**E**	**1.2**	**-0.058**
8	Bascom Avenue and Parkmoor Avenue	AM	44.8	D	44.0	D	-1.1	-0.020
		PM	39.0	D+	37.1	D+	-3.2	-0.073
9	Bascom Avenue and Fruitdale Avenue	AM	45.5	D	44.3	D	-1.9	-0.031
		PM	45.6	D	45.9	D	0.0	0.004
10	Leigh Avenue and Fruitdale Avenue	AM	34.9	C-	35.0	C-	-0.2	0.002
		PM	28.9	C	28.8	C	-0.6	-0.016

Note:
* Delays based on average delay for signalized intersections.
A growth factor of 1% was applied per year from previous existing count date if older than 2018 to estimate new count data.
Bold indicates a substandard level of service.

Vehicle Queuing Analysis

The analysis of intersection levels of service was supplemented with a vehicle queuing analysis for left-turn lanes and stop-controlled approaches at intersections where the project would add a substantial number of trips to the left-turn movements of signalized intersections (See Table 8) or stop-controlled approaches for driveways (Table 9) as compared to background conditions. This analysis provides a basis for estimating future storage requirements at the intersections under background conditions. Vehicle queues were estimated using Poisson probability distribution, described in Chapter 1. The following movements were selected for evaluation:

- Leigh Avenue and Fruitdale Avenue – Eastbound left-turn lane
- Leland Avenue and Parkmoor Avenue – Northbound left-turn lane
- Leigh Avenue and Kingman Avenue – Northbound left-turn lane and Eastbound shared left-through-right turn lane under project conditions
- Bascom Avenue and Kingman Avenue – Southbound left-turn lane and Westbound shared left-through-right turn lane

Table 8
Intersection Vehicle Queuing Analysis

	Leigh Avenue & Fruitdale Avenue		Leland Avenue & Parkmoor Avenue		Leigh Avenue & Kingman Avenue			
	EBL		NBL		NBL		EBL/T/R	
Measurement	AM	PM	AM	PM	AM	PM	AM	PM
Background								
Cycle/Delay [1] (sec)	108	104	120	110	--	--	--	--
Volume (vphpl)	197	87	107	233	--	--	--	--
Total 95th %. Queue (veh.)	10	5	7	12	--	--	--	--
Total 95th %. Queue (ft.) [2]	250	125	175	300	--	--	--	--
Total Storage	200	200	250	250	--	--	--	--
Adequate (Y/N)	**N**	Y	Y	**N**	--	--	--	--
Background Plus Project								
Cycle/Delay [1] (sec)	108	104	120	110	71	71	71	71
Volume (vphpl)	227	108	135	296	112	78	34	79
Total 95th %. Queue (veh.)	11	6	8	14	5	4	2	4
Total 95th %. Queue (ft.) [2]	275	150	200	350	125	100	50	100
Total Storage	200	200	250	250	125	125	100	100
Adequate (Y/N)	**N**	Y	Y	**N**	Y	Y	Y	Y

Notes:
SB = southbound; NB = northbound; EB = eastbound; WB = westbound; L/T/R = shared left-through-right
[1] Vehicle queue calculations for signalized intersections based on cycle length.
[2] Assumes 25 Feet Per Vehicle Queued.

Leigh Avenue and Fruitdale Avenue

Under background conditions, the eastbound left-turn movement at Leigh Avenue and Fruitdale Avenue was calculated to have insufficient storage during the AM peak hour. The eastbound left-turn storage was measured from the Leigh Avenue and Fruitdale Avenue intersection to Di Fiore Drive. The estimated 95th percentile queue during the AM peak hour was calculated to exceed the storage length by two vehicles. The addition of project trips to this movement would increase the 95th percentile queue by one vehicle. There is additional left-turn storage west of Di Fiore Drive, which would be able to accommodate the 95th percentile queue under background and background plus project conditions.

Leland Avenue and Parkmoor Avenue

Under background conditions, the northbound left-turn movement at Leland Avenue and Parkmoor Avenue was calculated to have insufficient storage during the PM peak hour. The estimated 95th percentile queue during the PM peak hour was calculated to exceed the storage length by two vehicles. The addition of project trips to this movement would increase the 95th percentile queue by two vehicles.

Recommendation:

An intersection reconfiguration and a three-way signal is being proposed at Leland Avenue and Moorpark Avenue, which is immediately south of Leland Avenue and Parkmoor Avenue. Signal coordination is recommended between Leland Avenue and Moorpark Avenue and Leland Avenue and

Parkmoor Avenue to reduce the 95th percentile queue for the northbound left-turns at Leland Avenue and Parkmoor Avenue.

Leigh Avenue and Kingman Avenue

Under background conditions, Leigh Avenue and Kingman Avenue operates as a T-intersection with north, south, and east legs. Under project conditions, an all-access driveway would be added as a west leg. The new eastbound movement would operate as a shared left-through-right. The storage length for the eastbound movement is measured from Leigh Avenue and Kingman Avenue to an internal intersection. The northbound movements would be reconfigured to have a left-turn lane, a through lane, and a shared through-right lane. The storage length of the northbound left-turn movement is assumed to be 125 feet. The 95th percentile queue would not exceed the storage length of these movements under project conditions.

Recommendation:

A northbound left-turn movement does not currently exist at this intersection. When this intersection is reconfigured under project conditions, a minimum storage length of 125 feet is recommended for this movement to accommodate the 95th percentile queue during the peak hours.

Bascom Avenue and Kingman Avenue

Kingman Avenue at Bascom Avenue is a stop-controlled driveway that provides access to the campus. Under background conditions, the westbound shared left-through-right movement was calculated to have insufficient storage during the AM peak hour. The storage length is calculated back to the intersection of Laswell Avenue. The estimated 95th percentile queue during the AM peak hour was calculated to exceed storage length by one vehicle. Under project conditions, the 95th percentile queue during the AM peak hour for the southbound left-turn movement was calculated to exceed the storage length by one vehicle and the westbound shared left-through-right movement was calculated to exceed the storage length by six vehicles. The increase in the 95th percentile southbound left-turn queue during the AM peak hour cannot be accommodated under project conditions since the queue would spillover onto the southbound through lane. The increase in the 95th percentile westbound shared left-through-right queue would result in vehicles queued onto Laswell Avenue.

Recommendation

If feasible, Kingman Avenue should be widened to two outbound lanes. This would reduce the westbound queue, which could be accommodated on Kingman Avenue.

Table 9
Driveway Vehicle Queuing Analysis

	Bascom Avenue & Kingman Avenue			
	SBL		WBL/T/R	
Measurement	AM	PM	AM	PM
Background				
Cycle/Delay [1] (sec)	40.9	9.8	523.1	23.8
Volume (vphpl)	182	125	46	107
Total 95th %. Queue (veh.)	5	1	11	2
Total 95th %. Queue (ft.) [2]	125	25	275	50
Total Storage	125	125	250	250
Adequate (Y/N)	Y	Y	**N**	Y
Background Plus Project				
Cycle/Delay [1] (sec)	59.7	9.9	638.5	19.8
Volume (vphpl)	240	166	57	132
Total 95th %. Queue (veh.)	7	2	16	2
Total 95th %. Queue (ft.) [2]	175	50	400	50
Total Storage	125	125	250	250
Adequate (Y/N)	**N**	Y	**N**	Y

Notes:
SB = southbound; NB = northbound; EB = eastbound; WB = westbound; L/T/R = shared left-through-right
[1] Vehicle queue calculations for unsignalized intersections based on movement delay.
[2] Assumes 25 Feet Per Vehicle Queued.

CMP Analysis

Freeway Segment Analysis

Since the project is expected to add more than 100 net new peak-hour vehicle trips to the roadway network, a Congestion Management Program (CMP) freeway analysis was prepared to be consistent with the methodologies set forth in the VTA's Transportation Impact Analysis Guidelines (2014). This section describes the existing and future operations of the freeway segments in the study area. The freeway segment analysis was prepared for informational purposes.

The following freeway segments were evaluated for level of service:

- I-280, between Winchester Avenue and I-880
- I-280, between Meridian Avenue and I-880
- SR 17, between Enborg Lane and I-280
- I-880, between Forest Avenue and I-280

Existing Freeway Segment Levels of Service

Traffic volumes for the 4 study freeway segments were obtained from the 2018 CMP Annual Monitoring Report, which contains the most recent data collected for freeway segments located in Santa Clara County. The results of the evaluation (see Table 10) show that mixed-flow lanes on 7 directional study freeway segments currently operate at an unacceptable LOS F during at least one of the peak hours of traffic. The results also show that 4 directional HOV lane segments analyzed currently operate at an unacceptable LOS F during at least one of the peak hours. As described in Chapter 1, the CMP defines an acceptable level of service for freeway segments as LOS E or better.

Freeway Segment Levels of Service Under Project Conditions

The results of the freeway segment level of service analysis show that the project would not cause substantial increases in traffic volumes (one percent or more of freeway capacity) on any of the study freeway segments currently operating at an unacceptable LOS F, and none of the study freeway segments currently operating at an acceptable LOS E or better would worsen to LOS F as a result of the project (see Table 10).

Table 10
Freeway Segment Analysis

			Existing Conditions						Project Trips				
			Mixed-Flow			HOV Lane				Mixed-Flow		HOV Lane	
Freeway Segment	Dir	Peak Hour	# of Lanes[1]	Capacity[2]	LOS[3]	# of Lanes[1]	Capacity[2]	LOS	Net Project Trips	Project Trips[4]	% of Capacity	Project Trips[4]	% of Capacity
I-280 From Winchester Avenue to I-880	EB	AM	3	6,900	D	1	1,650	A	25	23	0.33%	2	0.1%
		PM	3	6,900	**F**	1	1,650	**F**	17	15	0.22%	2	0.1%
I-280 From I-880 to Winchester Avenue	WB	AM	3	6,900	**F**	1	1,650	**F**	6	5	0.07%	1	0.1%
		PM	3	6,900	E	1	1,650	A	13	12	0.17%	1	0.1%
I-280 From I-880 to Meridian Avenue	EB	AM	4	9,200	C	1	1,650	C	6	5	0.05%	1	0.1%
		PM	4	9,200	**F**	1	1,650	**F**	13	12	0.13%	1	0.1%
I-280 From Meridian Avenue to I-880	WB	AM	3	6,900	**F**	1	1,650	**F**	25	23	0.33%	2	0.1%
		PM	3	6,900	D	1	1,650	B	17	15	0.22%	2	0.1%
SR 17 From Enborg Lane to I-280	NB	AM	3	6,900	E	--	--	--	25	25	0.36%	0	--
		PM	3	6,900	D	--	--	--	17	17	0.25%	0	--
SR 17 From I-280 to Enborg Lane	SB	AM	3	6,900	C	--	--	--	6	6	0.09%	0	--
		PM	3	6,900	**F**	--	--	--	13	13	0.19%	0	--
I-880 From I-280 to Forest Avenue	NB	AM	3	6,900	**F**	--	--	--	6	6	0.09%	0	--
		PM	3	6,900	**F**	--	--	--	13	13	0.19%	0	--
I-880 From Forest Avenue to I-280	SB	AM	3	6,900	E	--	--	--	25	25	0.36%	0	--
		PM	3	6,900	E	--	--	--	17	17	0.25%	0	--

Source: Santa Clara Valley Transportation Authority Congestion Management Program Monitoring Report, 2018.
1. Number of lanes on each segment are taken from the Google Earth software.
2. Capacity is based on the capacities cited in VTA's *Transportation Impact Analysis Guidelines (2014)*.
3. Level of service (LOS) of each segment are taken from VTA's *2018 CMP Monitoring Report*.
4. It was assumed that 10% of the project trips would use HOV lanes.
Bold indicates a substandard level of service.

Freeway Ramp Analysis

A freeway ramp analysis was performed in order to verify that the freeway ramps would have sufficient capacity to serve the expected traffic volumes with and without the project. This analysis consisted of a volume-to-capacity ratio evaluation of selected freeway ramps. The ramp capacities were obtained from the *Highway Capacity Manual 2000* and consider both the free-flow speed and the number of lanes on the ramp, and in some instances the ramp metering rate. As shown in Table 11 and Table 12 below, the freeway ramps would continue to operate at acceptable levels or service with the addition of project traffic.

Table 11
Freeway Ramp Analysis – Existing Conditions

Interchange	Ramp	Type	Peak Hour	Lanes: Mixed-Flow	Lanes: HOV	Lanes: Meter[1]	Existing Conditions: Capacity[2]	Existing Conditions: Peak Volume[3]	Existing Conditions: v/c
I-880/Stevens Creek Boulevard	NB On-Ramp from Stevens Creek Boulevard	Diagonal	AM	1	-	Equipment Present	900	140	0.16
			PM				900	159	0.18
	NB Off-Ramp to Stevens Creek Boulevard	Diagonal	AM	2	-	-	3,800	750	0.20
			PM				3,800	852	0.22
	SB On-Ramp from Stevens Creek Boulevard	Diagonal	AM	2	-	Equipment Present	900	537	0.60
			PM				900	274	0.30
	SB Off-Ramp to Stevens Creek Boulevard	Diagonal	AM	2	-	-	3,800	1,190	0.31
			PM				3,800	1,147	0.30
I-280/Winchester Boulevard	NB On-Ramp from Winchester Boulevard	Diagonal	AM	1	-	Equipment Present	900	594	0.66
			PM				900	625	0.69
	SB Off-Ramp to Winchester Boulevard	Diagonal	AM	1	-	-	2,000	860	0.43
			PM				2,000	1,092	0.55
I-280/Moorpark Avenue	SB On-Ramp from Menkar Avenue	Diagonal	AM	2	-	Equipment Present	1,800	1,184	0.66
			PM				1,800	1,334	0.74
	SB Off-Ramp to Moorpark Avenue	Diagonal	AM	1	-	-	2,000	441	0.22
			PM				2,000	560	0.28
I-280/Parkmoor Avenue	NB On-Ramp from Leland Avenue	Diagonal	AM	1	-	Equipment Present	900	362	0.40
			PM				900	459	0.51
	NB Off-Ramp from Parkmoor Avenue	Diagonal	AM	1	-	-	2,000	1,063	0.53
			PM				2,000	1,349	0.67

Notes:
NB=northbound, SB=southbound, v/c = volume-to-capacity ratio

[1] As a conservative approach, if an on-ramp has meter equipment present, the ramp is analyzed assuming it is metered.
[2] Ramp capacities were obtained from the Highway Capacity Manual, 2000 (pg 25-4), and considered the free-flow speed, the number of lanes on the ramp, and ramp metering.
[3] Peak-hour volumes are obtained through intersection counts and Caltrans.

Table 12
Freeway Ramp Analysis – Project Conditions

Interchange	Ramp	Type	Peak Hour	Existing Conditions: Capacity[1]	Existing Conditions: Peak Volume[2]	Existing Conditions: v/c	Project Conditions: Project Trips	Project Conditions: Peak Volume	Project Conditions: v/c
I-880/Stevens Creek Boulevard	NB On-Ramp from Stevens Creek Boulevard	Diagonal	AM	900	140	0.16	3	143	0.16
			PM	900	159	0.18	8	167	0.19
	NB Off-Ramp to Stevens Creek Boulevard	Diagonal	AM	3,800	750	0.20	14	764	0.20
			PM	3,800	852	0.22	10	862	0.23
	SB On-Ramp from Stevens Creek Boulevard	Diagonal	AM	900	537	0.60	5	542	0.60
			PM	900	274	0.30	12	286	0.32
	SB Off-Ramp to Stevens Creek Boulevard	Diagonal	AM	3,800	1,190	0.31	25	1,215	0.32
			PM	3,800	1,147	0.30	17	1,164	0.31
I-280/Winchester Boulevard	NB On-Ramp from Winchester Boulevard	Diagonal	AM	900	594	0.66	3	597	0.66
			PM	900	625	0.69	8	633	0.70
	SB Off-Ramp to Winchester Boulevard	Diagonal	AM	2,000	860	0.43	16	876	0.44
			PM	2,000	1,092	0.55	11	1,103	0.55
I-280/Moorpark Avenue	SB On-Ramp from Menkar Avenue	Diagonal	AM	1,800	1,184	0.66	6	1,190	0.66
			PM	1,800	1,334	0.74	13	1,347	0.75
	SB Off-Ramp to Moorpark Avenue	Diagonal	AM	2,000	441	0.22	14	455	0.23
			PM	2,000	560	0.28	10	570	0.29
I-280/Parkmoor Avenue	NB On-Ramp from Leland Avenue	Diagonal	AM	900	362	0.40	5	367	0.41
			PM	900	459	0.51	11	470	0.52
	NB Off-Ramp from Parkmoor Avenue	Diagonal	AM	2,000	1,063	0.53	25	1088	0.54
			PM	2,000	1,349	0.67	17	1366	0.68

Notes:
NB=northbound, SB=southbound, v/c = volume-to-capacity ratio

[1] Ramp capacities were obtained from the Highway Capacity Manual, 2000 (pg 25-4), and considered the free-flow speed, the number of lanes on the ramp, and ramp metering.
[2] Peak-hour volumes are obtained from Caltrans.
[3] As a conservative approach, if an on-ramp has meter equipment present, the ramp is analyzed assuming it is metered.

Vehicular Access and Circulation

The site access and circulation evaluation is based on the *San Jose City College Facilities Master Plan, January 2016*. Site access and on-site vehicular circulation were reviewed in accordance with generally accepted traffic engineering standards.

Site Access and Circulation

The campus parking can be accessed by two driveways on Bascom Avenue, five driveways on Moorpark Avenue, including the ceremonial entry at Leland Avenue, and one driveway on Leigh Avenue. Under project conditions, a new driveway would be added at Leigh Avenue and Kingman Avenue, and turning movement restrictions would be removed at Leland Avenue and Moorpark Avenue. Leland Avenue and Moorpark Avenue does not allow southbound through and northbound through movements from Leland Avenue into and out of the campus. Under project conditions these through movement restrictions would be removed, and the intersection would operate as a three-way signal. Moorpark Avenue would remain as one-way eastbound only (see Figure 11).

New internal roadway connections would also be added under project conditions to improve internal circulation between the campus parking and access and egress from the campus. Currently, the parking lots along the northern portion of the campus are disconnected. In order to move between parking lots, vehicles have to exit the parking lot onto Moorpark Avenue and enter through the next driveway. Under project conditions, a new internal east-west perimeter loop road parallel to Moorpark Avenue connecting the parking lots along the northern portion of the campus would be added. Additionally, Laswell Avenue, which connects the parking lots in the north and the south of the campus cuts through the main pedestrian spine of the campus. Portions of Laswell Avenue would be blocked and would be converted to pedestrian, service, and emergency vehicle access only to improve pedestrian safety. Instead, a north-south roadway in the eastern portion of the campus connecting Kingman Avenue to Moorpark Avenue would be added. Finally, Kingman Avenue would be extended to the east along the southern edge of the campus to connect Bascom Avenue and Leigh Avenue.

Driveway Operations

Under project conditions, seven campus driveways would operate as two-way-stop-controlled (TWSC) intersections, and two campus driveways would operate as signalized intersections. The Bascom Avenue and Kingman Avenue driveway would operate as an all-access driveway, and the Bascom Avenue & Lot A Driveway would operate as a right-in and right-out only driveway. Since Moorpark Avenue is one-way eastbound only, driveways from Moorpark Avenue providing access to parking lots A, B, and Laswell Avenue operate as right-in and right-out only driveways. The driveway at parking lot C currently provides only right-out egress onto Moorpark Avenue. The Moorpark Avenue and Leland Avenue intersection, which is the ceremonial entry to the campus, would operate as an eastbound right-in, southbound through-in, northbound through-out, and northbound right-out signalized driveway. The driveway from Leigh Avenue to parking lots D, E, and F would operate as a right-in and right-out only driveway due access restrictions. There is a fire station directly across this entry on the east side of Leigh Avenue limiting access at this driveway. The new Kingman Avenue and Leigh Avenue driveway would operate as an all-access signalized driveway.

Estimated total campus traffic volumes with the project at the driveways are shown on Figure 12. Traffic operations at the driveways were evaluated using Traffix. The results of the driveway level of service analysis (see Table 13) shows that left turns exiting Kingman Avenue at Bascom Avenue would operate at LOS F during the AM peak hour under background plus project conditions. The heavy northbound volumes on Bascom Avenue cause high delays for the westbound traffic exiting the campus. However, the exiting volume is fewer than 100 trips. The proximity of this driveway to the existing 4-way

signalized intersection at Renova Drive prohibits the introduction of an additional signal at Kingman Avenue. Typically, when facing high delays, vehicles will reroute and use a different driveway. Outbound vehicles wishing to head south on Bascom Avenue may instead turn right from Kingman Avenue and make a U-turn at Renova Drive.

As recommended previously, Kingman Avenue should be widened to two outbound lanes – a left-turn only lane and a right-turn only lane if possible. Although the westbound movement would still operate at LOS F, it would improve the delay for this movement.

The driveway level of service calculation sheets are included in Appendix C.

Table 13
Driveway Operations

#	Intersection	Peak Hour	Signal Control	Background Plus Project	
				Delay (sec)*	LOS
A	Bascom Avenue & Lot A Driveway	AM	TWSC[1]	13.6	B
		PM		14.0	B
B	Bascom Avenue & Kingman Avenue	AM	TWSC[1]	**>80**	**F**
		PM		19.8	C
C	Lot A Driveway & Moorpark Avenue	AM	TWSC[1]	10.1	B
		PM		11.5	B
D	Laswell Avenue & Moorpark Avenue	AM	TWSC[1]	10.1	B
		PM		11.5	B
E	Lot B Driveway & Moorpark Avenue	AM	TWSC[1]	10.1	B
		PM		11.7	B
F	Lot C Driveway & Moorpark Avenue	AM	TWSC[1]	10.8	B
		PM		13.5	B
G	Leland Avenue & Moorpark Avenue	AM	Signal[2]	13.7	B
		PM		12.4	B
H	Leigh Avenue & Lot F Driveway	AM	TWSC[1]	9.3	A
		PM		11.8	B
I	Leigh Avenue & Kingman Avenue	AM	Signal[2]	8.7	A
		PM		7.0	A

Note:
TWSC = Two-Way Stop Control
[1] Delays based on worst approach for TWSC intersections
[2] Delays based on average delay for signalized intersections.
Bold indicates a substandard level of service.

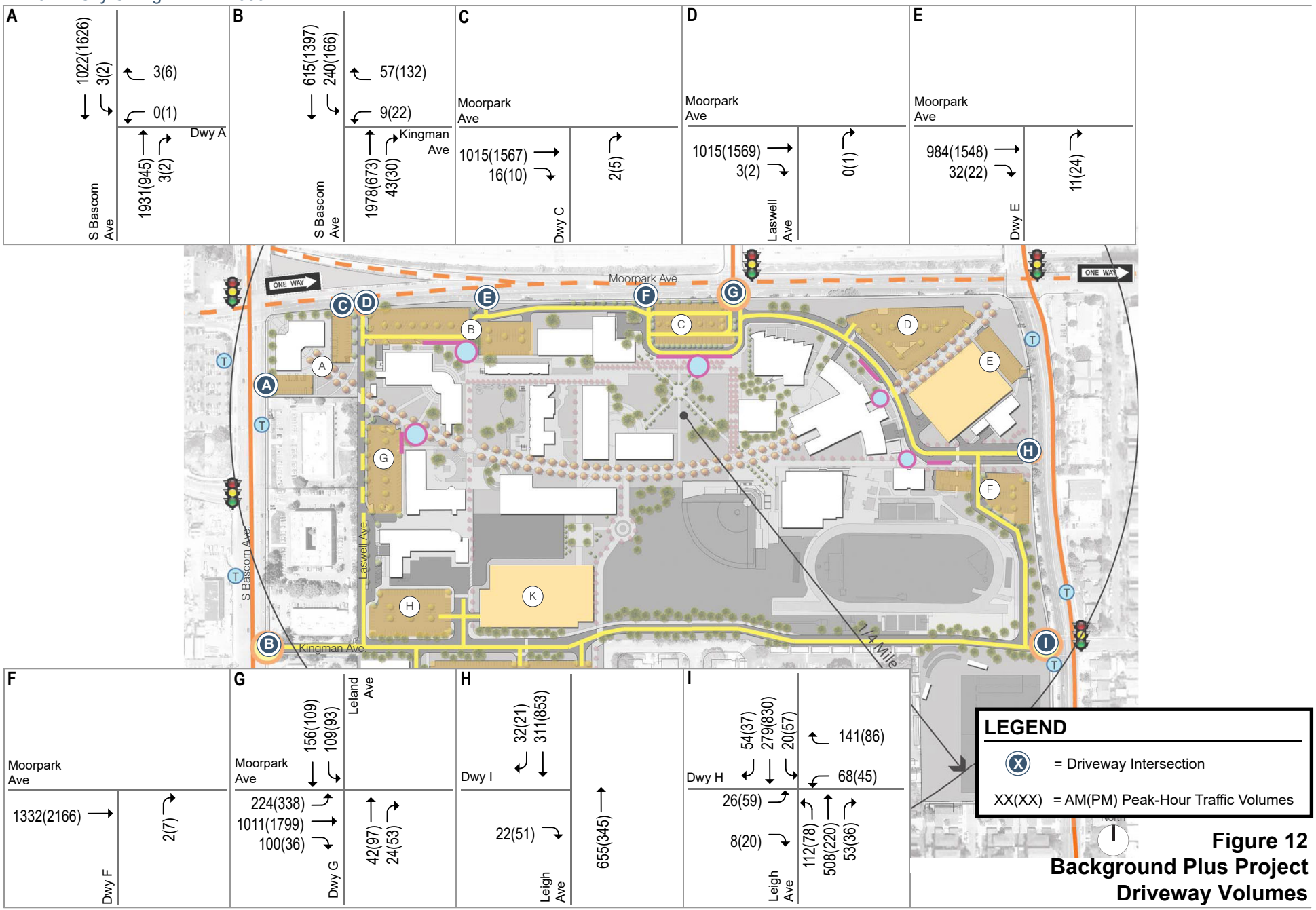


Figure 12
Background Plus Project Driveway Volumes

HEXAGON

Sight Distance at Project Driveways

Driveway locations were evaluated to determine if the sight distance at the driveways would be adequate. Driveways should be free and clear of any obstructions to optimize sight distance, thereby ensuring that exiting vehicles can see pedestrians on the sidewalk and other vehicles traveling on adjacent roadways. Any landscaping and signage should be located in such a way as to ensure an unobstructed view for drivers entering and exiting the site. Adequate sight distance reduces the likelihood of a collision at driveways and provides drivers with the ability to locate sufficient gaps in traffic to exit a driveway. Sight distance of a driveway is evaluated based on the stopping sight distance recommended by Caltrans for a given design speed. Bascom Avenue, Moorpark Avenue, and Leigh Avenue have posted speed limits of 35 mph for which the Caltrans stopping sight distance is 250 feet.

- **Driveways along Bascom Avenue** - The Lot A Driveway is a right-in and right-out driveway. A driver must be able to see 250 feet to the south to locate a sufficient gap to turn out of the driveway. Bascom Avenue and Kingman Avenue is an all-access driveway. A driver must be able to see 250 feet north and south of the driveway to locate a sufficient gap to turn out of the driveway. There is a 250-foot no parking zone south the Lot A Driveway, a 150-foot no parking zone south of Kingman Avenue, and a 60-foot no parking zone north of Kingman Avenue. As shown on the site plan, the project does not propose tall vegetation or objects that would block a driver's ability to see 250 feet north and south on Bascom Avenue. Therefore, sight distance at these driveways is adequate.

- **Driveways along Moorpark Avenue** – Moorpark Avenue is a one-way eastbound only roadway. A driver must be able to see 250 feet to the west to locate a sufficient gap to turn out of driveways on this road. Currently, the south side and portions of the north side of Moorpark Avenue allow parking. Per the City of San Jose's *Better Bike Plan 2025*, the parking will be removed, and a protected bike lane will be installed. As shown on the site plan, the project does not propose tall vegetation or objects that would block a driver's ability to see 250 feet east on Moorpark Avenue. This will provide adequate sight distance for vehicles exiting the driveways.

  There is an eastbound I-280 off-ramp that exits to Moorpark Avenue about 400 feet before the campus entrance at Leland Avenue. Vehicles exiting the off-ramp have to cross three travel lanes in a very short distance to enter the campus at Leland Avenue, creating unsafe conditions.

  Recommendation:

  It is recommended that a median island be installed along the full length of the right-turn lane into the campus on Moorpark Avenue to prevent vehicles from the off-ramp accessing this lane as shown in Figure 13. Off-ramp vehicles would be forced to travel farther along Moorpark Avenue to Leigh Avenue to enter the campus. The driveway egress from parking Lot C onto Moorpark Avenue should be closed to prevent a conflict with the vehicles in the right turn lane. Vehicles in parking Lot C can exit the campus at Leland Avenue and Moorpark Avenue, which would operate well under background plus project conditions.

- **Driveways along Leigh Avenue** – The Lot F Driveway is a right-in and right-out driveway. A driver must be able to see 250 feet to the north to locate a sufficient gap to turn out of the driveway. There is a no parking zone north of the driveway to Moorpark Avenue. As shown on the site plan, the project does not propose tall vegetation or objects that would block a driver's ability to see 250 feet north on Leigh Avenue. Therefore, sight distance at this driveway is adequate. Leigh Avenue and Kingman Avenue would become an all-access signalized driveway. The project does not propose tall vegetation or objects that would block a driver's

ability to see 250 feet north and south on Leigh Avenue. Therefore, sight distance at this driveway is also adequate.

Driveway Design

According to the City of San Jose Geometric Guidelines, the width of a two-way driveway should be a minimum of 20 feet. All existing project driveways meet this requirement.

Recommendation:

Leigh Avenue and Kingman Avenue should be designed according to the City of San Jose Geometric Guidelines as shown on Figure 14.

Service and Emergency Vehicle Access

Facilities requiring service vehicle access would be distributed in multiple locations on campus as shown in Figure 15. Based on the location of these facilities, service vehicle access would be provided from the perimeter loop road in the north and the Kingman Avenue extension in the south. Service vehicles would share the roadway with pedestrians along the main pedestrian spine along Laswell Avenue.

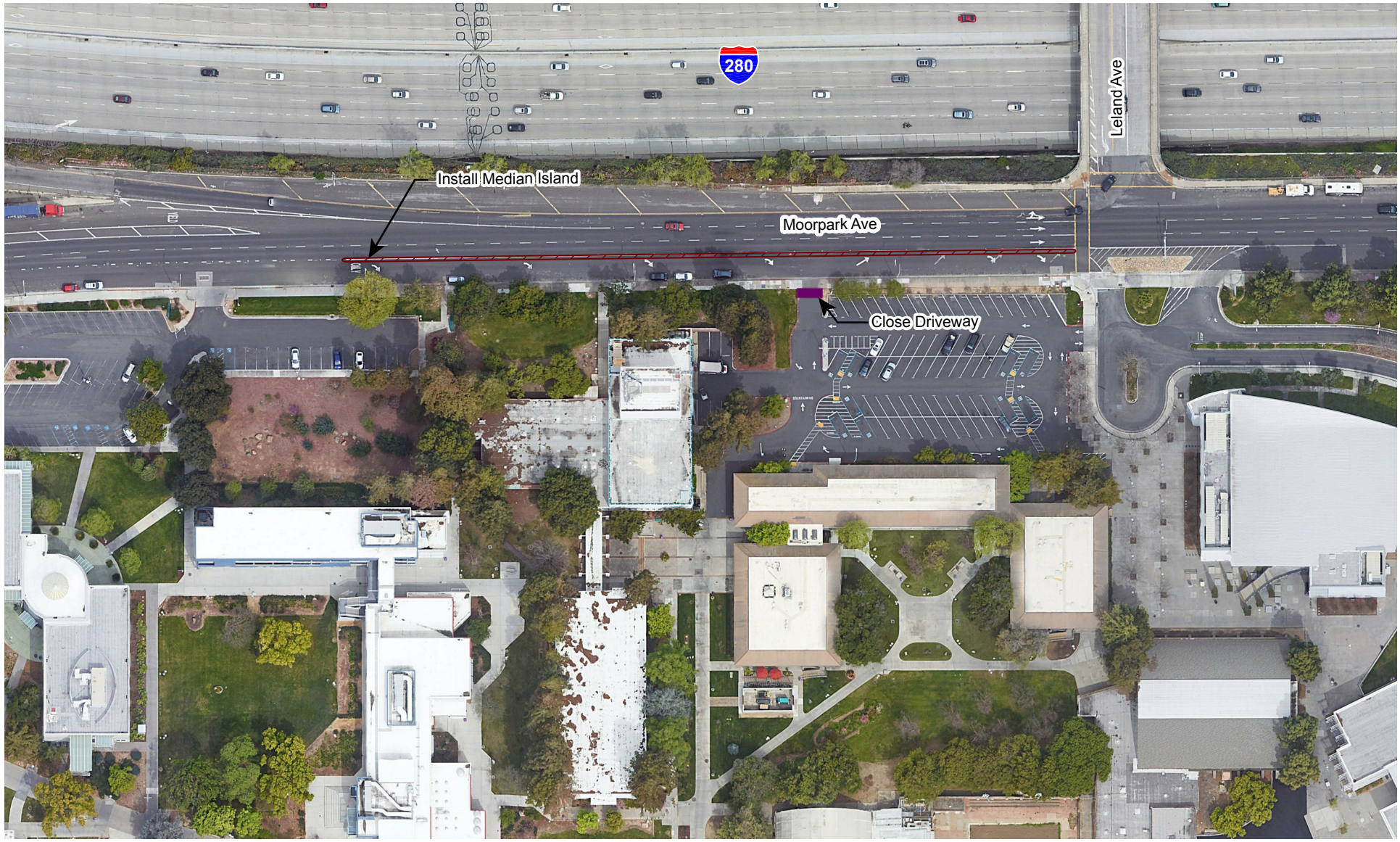
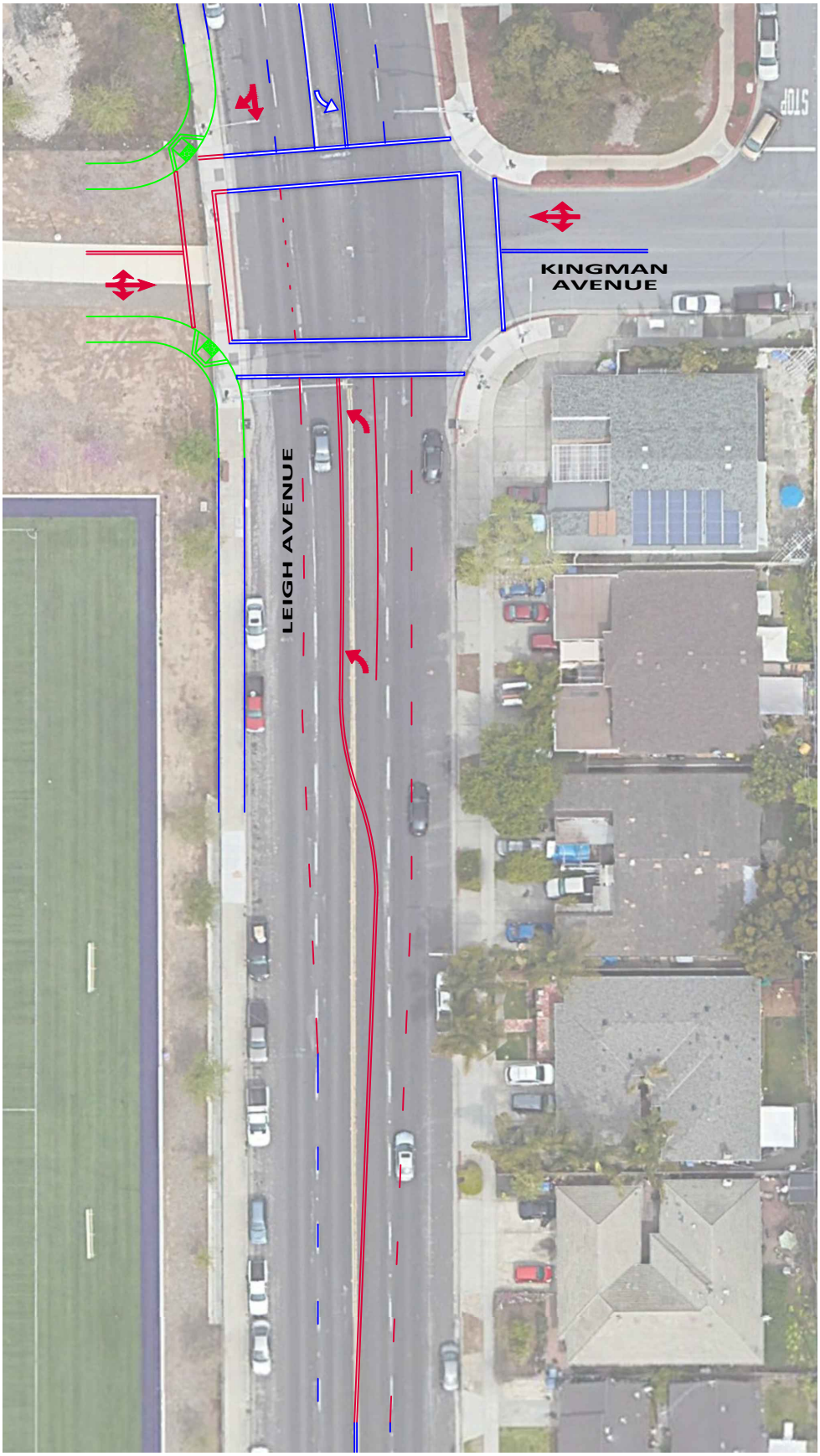


Figure 13
Recommended Improvement for Moorpark Avenue

NORTH
Not to Scale



N

GRAPHIC SCALE

50 0 25 50

1 INCH = 50 FEET

FIGURE NO.	SCALE	HEXAGON TRANSPORTATION CONSULTANTS, INC.	CITY OF SAN JOSE
14	1" = 50'		SAN JOSE CITY COLLEGE VISION 2030 LEIGH AVENUE AND KINGMAN AVENUE CONCEPTUAL INTERSECTION LAYOUT
DRAWN R. RODRIGUEZ	DATE 11/24/2020	4 North Second Street, Suite 400 San Jose, California 95113 Ph: (408) 971-6100 www.hextrans.com	

Figure 15
Service and Emergency Vehicular Access

NORTH
Not to Scale

Pedestrian, Bicycle and Transit Facilities

Pedestrian Facilities

The project proposes several improvements that would increase pedestrian safety within the SJCC campus as listed below:

- Rideshare drop-off locations would be provided in parking Lots B and G. An expanded drop-off location would also be provided at the ceremonial Leland Avenue entrance. This drop-off would serve as a pedestrian gateway into campus. Drop-off locations currently exist at the Leland Avenue entrance, opposite parking Lot D, and opposite parking Lot E.
- The primary east-west pedestrian spine through the campus would be completed from edge to edge. This path would support a high volume of pedestrian traffic and would integrate pedestrian traffic with the proposed parks and gathering spaces on the campus.
- Portions of Laswell Avenue would be converted to pedestrian and “service / emergency only” access and would be blocked to vehicular traffic as previously noted. The Laswell Avenue segment north of Kingman Avenue and south of the pedestrian spine would be improved to provide a north-south pedestrian connection between the student parking in the southwest quadrant and the core of campus.
- An improved north-south pedestrian connection would be provided along the center of the campus to the parking lots in the southern portion of the campus.
- The eastern portion of the primary east-west pedestrian spine path with an entrance into the parking lots at Leigh Avenue would be improved for pedestrians.
- Overall, all pedestrian entrances into the campus would be enhanced with consistent landscape/hardscape character, wayfinding signs, and secondary walkways and paths to connect individual buildings, pedestrian nodes and other points of interest on the campus.

Recommendations:

Traffic calming treatments like speed humps and speed signage should be provided on Kingman Avenue and the north-south connection along the eastern portion of the campus to keep vehicular speeds low and improve pedestrian safety.

If the Kingman Avenue driveway onto Bascom Avenue is widened to include two outbound lanes as previously recommended, a sidewalk should also be installed along the northern side of Kingman Avenue to improve pedestrian safety and access along this entrance.

Bicycle Facilities

The project site is near existing bike facilities on Bascom Avenue, Leigh Avenue, and Parkmoor Avenue. The *San Jose Better Bike Plan 2025,* which the city is currently developing, is considering protected bike lanes on Bascom Avenue, Moorpark Avenue, and Leigh Avenue, which would provide direct access to the campus. The existing and proposed network of bicycle facilities provide good connectivity to the residential neighborhoods near the SJCC campus. The project would not remove any existing bicycle facilities, nor would it conflict with any adopted plans or policies for new bicycle facilities.

Recommendation:

There are currently no bicycle parking facilities within the campus. It is recommended that bicycle facilities like bicycle racks and bicycle lockers be installed to improve bicycle access to the campus.

Transit Service

Existing transit service to the campus is provided by VTA bus routes 25 and 61. The bus stops closest to the project site are located near Bascom Avenue and Renova Drive. There is no direct pedestrian connection between these bus stops and the campus. The campus does not have any frontage along Bascom Avenue except at the southeast corner of Bascom Avenue and Moorpark Avenue, and the students using these bus stops have to walk along Bascom Avenue until they reach this entrance or the Bascom Avenue and Kingman Avenue entrance to enter campus. Furthermore, Route 25 only has bus stops in the southbound direction on Bascom Avenue. Students have to cross Bascom Avenue, which is a 6-lane roadway, before they can access either the Moorpark or the Kingman Avenue entrances. Also, Per the *SJCC Facilities Master Plan*, a significant number of students utilize bus stops on Fruitdale Avenue a quarter mile south of the campus and access the campus through the residential neighborhood between the campus and Fruitdale Avenue. Bus stops on Fruitdale Avenue are serviced by VTA route 25. The *SJCC Facilities Master Plan* does not make any recommendations to improve pedestrian access to these bus stops.

Recommendation:

SJCC should coordinate with VTA to reroute Route 25 and add a bus stop within campus. A potential new route could be along the new Kingman Avenue east-west extension instead of Fruitdale Avenue. With a bus stop within campus, students would not cut through the residential neighborhoods to access campus. It would also improve overall pedestrian safety as students would not have to cross Bascom Avenue, which is a major roadway.

SJCC should also coordinate with VTA to add additional transit service to the campus to provide an alternative to driving to campus including a shuttle to and from the VTA LRT Green Line stop on Fruitdale Avenue. New bus routes and shuttles to the campus could be accommodated by creating a transit center on the campus.

Construction Activities

Typical activities related to the construction of any development could include lane narrowing and/or lane closures and sidewalk closures. In the event of any type of street closure, clear signage (e.g., closure and detour signs) must be provided to ensure vehicles, pedestrians and bicyclists are able to adequately reach their intended destinations safely. The project would be required to submit a construction management plan for City approval that addresses schedule, closures/detours, staging, parking, and truck routes.

Parking

The campus currently provides 1,846 parking spaces on the campus. As shown in Table 14, with the current enrollment of 8,706 students, the ratio of the number of students per parking space is 4.72. Per the *SJCC Facilities Master Plan,* surveys conducted showed that the parking is insufficient to meet demand.

Under project conditions, a 900-stall, 5 level parking deck would be added in the southwest quadrant of the campus (new Lot K). Changes to the existing parking structures would include 21 additional spaces in Lot B, 36 fewer spaces in Lot C, 16 additional spaces in Lot D, two fewer spaces in Lot E, 24 fewer spaces in Lot F, 12 additional spaces in Lot G, 31 additional spaces in Lot H, removal of Lot I, 187 fewer spaces in Lot J, and 16 additional spaces in Lot L. Overall, with the redistribution of parking, 685 new parking spaces would be added on campus for a total of 2,531 parking spaces.

With the future estimated enrollment of 10,735 students, the ratio of the number of students per parking space would be lowered to 4.24. This would help alleviate some of the parking issues on campus.

Table 14
Vehicle Parking Requirements

Scenario	Enrollment	Parking Spaces	Parking Ratio
Existing (2015)	8,706	1,846	4.72
Future (2030)	10,735	2,531	4.24

Note:

Source: San Jose Evergreen Community College District Facilities Master Plan, January 2016

Recommendation:

While adding parking on campus would address some of the parking demand issue on campus, increasing parking may encourage driving, which is counter-productive to the City's goal of decreasing VMT. To reduce parking demand on the campus, alternative modes of transportation like public transportation, carpooling, and bicycling should be strongly encouraged.

5. Conclusions

This study was conducted for the purpose of identifying the potential transportation impacts related to the proposed development. The project is subject to review by the Community College District. However, since the project is surrounded by the City of San Jose, the transportation impacts of the project were evaluated following the standards and methodologies established in the City of San Jose's Transportation Analysis Handbook. Based on the City of San Jose's Transportation Analysis Policy and Transportation Analysis Handbook, the TA report for the project includes a CEQA transportation analysis and a local transportation analysis (LTA).

CEQA Transportation Impacts

Project Vehicle Miles Traveled (VMT) Analysis

The impact on VMT by the SJCC increased enrollment was analyzed using the City of San Jose's TDF model. The daily VMT per student would decrease by 0.21, from 5.65 VMT under existing conditions to 5.44 VMT by 2030, therefore not causing a significant VMT impact.

CEQA Cumulative Impacts

The project is consistent with the General Plan goals and policies for the following reasons:

- The project site is located adjacent to bus stops on Bascom Avenue and Leigh Avenue.
- The project would slightly increase the employment density in the project area, and the proposed density would be consistent with the General Plan Land Use Designation.
- The project would provide improvements to pedestrian connectivity in the vicinity of the project site.

Therefore, based on the project description, the proposed project would be consistent with Envision San Jose 2040 General Plan. The project would be considered as part of the cumulative solution to meet the General Plan's long-range transportation goals and would result in a less-than-significant cumulative impact.

Local Transportation Effects

Project Trip Generation

Based on trip generation rates recommended by the Institute of Transportation Engineers (ITE), it is estimated that the proposed project would including 203 trips occurring during the AM peak hour and 203 trips occurring during the PM peak hour

Intersection Traffic Operations

The results of the intersection level of service analysis (see Table ES-1) show that the intersection of Bascom Avenue and Moorpark Avenue operates unacceptably at an LOS E under existing, background and background plus project conditions. The project would not cause any adverse effects at this intersection. All other intersections operate at an acceptable level of service under all study scenarios.

Driveway Operations

The results of the driveway level of service analysis show that the Kingman Avenue Driveway on Bascom Avenue operates unacceptably at an LOS F under project conditions. All other driveways operate at an acceptable level of service.

Other Transportation Issues

The proposed site plan shows adequate site access. The project would enhance pedestrian circulation by providing improved pedestrian access. Hexagon has the following recommendations resulting from the site access analysis.

- Signal coordination is recommended between Leland Avenue and Moorpark Avenue and Leland Avenue and Parkmoor Avenue to reduce the 95th percentile queue for the northbound left-turns at Leland Avenue and Parkmoor Avenue.
- The new driveway at Leigh Avenue and Kingman Avenue should be designed according to the City of San Jose Geometric Guidelines. When Kingman Avenue and Leigh Avenue is reconfigured under project conditions, a minimum storage length of 125 feet is recommended for the northbound left-turn movement to accommodate the 95th percentile queue during the peak hours.
- If feasible, Kingman Avenue should be widened to two outbound lanes. This would reduce the westbound queue and delay. A sidewalk should also be installed along the northern side of Kingman Avenue to improve pedestrian safety and access along this entrance.
- A median island should be installed along the full length of the right-turn lane into the campus on Moorpark Avenue to prevent vehicles from the off-ramp accessing this lane. Off-ramp vehicles would be forced to travel farther along Moorpark Avenue to Leigh Avenue to enter the campus. The driveway egress from parking Lot C onto Moorpark Avenue should be closed to prevent a conflict with the vehicles in the right turn lane.
- Traffic calming treatments like speed humps and speed signage should be provided on Kingman Avenue and the north-south connection along the eastern portion of the campus to keep vehicular speeds low and improve pedestrian safety.
- There are currently no bicycle parking facilities within the campus. It is recommended that bicycle facilities like bicycle racks and bicycle lockers be installed to improve bicycle access to the campus.
- SJCC should coordinate with VTA to reroute Route 25 and add a bus stop within campus. A potential new route could be along the new Kingman Avenue east-west extension instead of Fruitdale Avenue. With a bus stop within campus, students would not cut through the residential

neighborhoods to access campus. It would also improve overall pedestrian safety as students would not have to cross Bascom Avenue, which is a major roadway.

- SJCC should also coordinate with VTA to add additional transit service to the campus to provide an alternative to driving to campus including a shuttle to and from the VTA LRT Green Line stop on Fruitdale Avenue. New bus routes and shuttles to the campus could be accommodated by creating a transit center on the campus.
- Adding parking on campus would address some of the parking demand issue on campus, but would encourage driving, which is counter-productive to the City's goal of decreasing VMT. To reduce parking demand on the campus, alternative modes of transportation like public transportation, carpooling, and bicycling should be strongly encouraged.

San Jose City College Vision 2030
Technical Appendices

May 18, 2021

Appendix A
Traffic Counts

Existing Volume Adjustment Summary

Study Inter. #	Traffix Node #	N/S Street	E/W Street	Jurisdiction	Count Date		Number of growth years with 1% per year	
					AM	PM	AM	PM
1	3639	Leigh Avenue	Moorpark Avenue	San Jose	10/12/16	10/12/16	4	4
2	3640	Leigh Avenue	Parkmoor Avenue	San Jose	10/12/16	10/12/16	4	4
3	3944	Leland Avenue	Moorpark Avenue	San Jose	09/14/11	09/14/11	9	9
4	3945	Parkmoor Ave	Leland Avenue	San Jose	10/26/16	10/26/16	4	4
5	4101	Leigh Avenue	Kingman Avenue	San Jose	09/13/18	09/13/18	0	0
6	5010	Bascom Avenue	Renova Drive	San Jose	10/04/12	10/04/12	8	8
7	5012	Bascom Avenue	Moorpark Avenue	San Jose	11/07/17	12/11/18	3	0
8	5039	Bascom Avenue	Parkmoor Avenue	San Jose	05/07/15	05/06/15	5	5
9	5009	Bascom Avenue	Fruitdale Avenue	San Jose	05/07/15	12/11/18	5	0
10	3551	Leigh Avenue	Fruitdale Avenue	San Jose	05/07/15	05/06/15	5	5

City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3639 LEIGH/MOORPARK

Cycle (sec):	120	Critical Vol./Cap.(X):	0.409
Loss Time (sec):	9	Average Delay (sec/veh):	29.1
Optimal Cycle:	36	Level Of Service:	C

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Protected				Protected				Split Phase				Split Phase			
Rights:	Include				Include				Include				Include			
Min. Green:	0	10	10		7	10		0	10	10		10	0	0		0
Y+R:	4.0	4.0	4.0		4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0
Lanes:	0	0 2	0	1	1	0 2	0	0	0	1 2	0	1	0	0 0	0	0
Volume Module: >> Count Date: 12 Oct 2016 << 7:00-8:00																
Base Vol:	0	410	162		188	154		0	53	862		145	0	0		0
Growth Adj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
Initial Bse:	0	410	162		188	154		0	53	862		145	0	0		0
Added Vol:	0	0	0		0	0		0	0	0		0	0	0		0
ATI:	0	0	0		0	0		0	0	0		0	0	0		0
Initial Fut:	0	410	162		188	154		0	53	862		145	0	0		0
User Adj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Adj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Volume:	0	410	162		188	154		0	53	862		145	0	0		0
Reduct Vol:	0	0	0		0	0		0	0	0		0	0	0		0
Reduced Vol:	0	410	162		188	154		0	53	862		145	0	0		0
PCE Adj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
MLF Adj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
FinalVolume:	0	410	162		188	154		0	53	862		145	0	0		0
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900		1900	1900		1900	1900	1900		1900	1900	1900		1900
Adjustment:	0.92	1.00	0.92		0.92	1.00		0.92	0.95	0.98		0.92	0.92	1.00		0.92
Lanes:	0.00	2.00	1.00		1.00	2.00		0.00	0.18	2.82		1.00	0.00	0.00		0.00
Final Sat.:	0	3800	1750		1750	3800		0	324	5275		1750	0	0		0
Capacity Analysis Module:																
Vol/Sat:	0.00	0.11	0.09		0.11	0.04		0.00	0.16	0.16		0.08	0.00	0.00		0.00
Crit Moves:		****			****					****						
Green Time:	0.0	31.6	31.6		31.5	63.1		0.0	47.9	47.9		47.9	0.0	0.0		0.0
Volume/Cap:	0.00	0.41	0.35		0.41	0.08		0.00	0.41	0.41		0.21	0.00	0.00		0.00
Delay/Veh:	0.0	36.8	36.3		37.2	14.1		0.0	26.0	26.0		23.8	0.0	0.0		0.0
User DelAdj:	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
AdjDel/Veh:	0.0	36.8	36.3		37.2	14.1		0.0	26.0	26.0		23.8	0.0	0.0		0.0
LOS by Move:	A	D+	D+		D+	B		A	C	C		C	A	A		A
HCM2k95thQ:	0	12	10		12	3		0	15	15		7	0	0		0

Note: Queue reported is the number of cars per lane.

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City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3639 LEIGH/MOORPARK

Cycle (sec):	110	Critical Vol./Cap.(X):	0.440
Loss Time (sec):	9	Average Delay (sec/veh):	18.2
Optimal Cycle:	36	Level Of Service:	B-

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	2 0	1	1 0	2 0	0	0 1	2 0	1	0 0	0 0	0
Volume Module: >> Count Date: 12 Oct 2016 << 4:30-5:30												
Base Vol:	0	227	47	132	289	0	158	1348	464	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	227	47	132	289	0	158	1348	464	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	227	47	132	289	0	158	1348	464	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	227	47	132	289	0	158	1348	464	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	227	47	132	289	0	158	1348	464	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	227	47	132	289	0	158	1348	464	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.33	2.67	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	587	5012	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.06	0.03	0.08	0.08	0.00	0.27	0.27	0.27	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	14.9	14.9	18.9	33.8	0.0	67.2	67.2	67.2	0.0	0.0	0.0
Volume/Cap:	0.00	0.44	0.20	0.44	0.25	0.00	0.44	0.44	0.43	0.00	0.00	0.00
Delay/Veh:	0.0	44.3	42.6	41.9	28.7	0.0	11.5	11.5	11.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	44.3	42.6	41.9	28.7	0.0	11.5	11.5	11.6	0.0	0.0	0.0
LOS by Move:	A	D	D	D	C	A	B+	B+	B+	A	A	A
HCM2k95thQ:	0	8	3	9	7	0	17	17	17	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3640 LEIGH/PARKMOOR

Cycle (sec):	120	Critical Vol./Cap.(X):	0.616
Loss Time (sec):	9	Average Delay (sec/veh):	28.3
Optimal Cycle:	43	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 0	0	0 0	1 1	0	0 0	0 0	0	0 1	1 0	1
Volume Module: >> Count Date: 12 Oct 2016 << 7:00-8:00												
Base Vol:	272	184	0	0	242	104	0	0	0	117	1071	122
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	272	184	0	0	242	104	0	0	0	117	1071	122
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	272	184	0	0	242	104	0	0	0	117	1071	122
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	272	184	0	0	242	104	0	0	0	117	1071	122
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	272	184	0	0	242	104	0	0	0	117	1071	122
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	272	184	0	0	242	104	0	0	0	117	1071	122
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.38	0.62	0.00	0.00	0.00	0.20	1.80	1.00
Final Sat.:	1750	1900	0	0	2587	1112	0	0	0	364	3335	1750
Capacity Analysis Module:												
Vol/Sat:	0.16	0.10	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.32	0.32	0.07
Crit Moves:	****				****					****		
Green Time:	30.3	48.5	0.0	0.0	18.2	18.2	0.0	0.0	0.0	62.5	62.5	62.5
Volume/Cap:	0.62	0.24	0.00	0.00	0.62	0.62	0.00	0.00	0.00	0.62	0.62	0.13
Delay/Veh:	42.3	23.8	0.0	0.0	49.7	49.7	0.0	0.0	0.0	20.9	20.9	14.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.3	23.8	0.0	0.0	49.7	49.7	0.0	0.0	0.0	20.9	20.9	14.9
LOS by Move:	D	C	A	A	D	D	A	A	A	C+	C+	B
HCM2k95thQ:	19	9	0	0	13	13	0	0	0	28	28	5

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations Method (Future Volume Alternative)

Intersection #3640 LEIGH/PARKMOOR

Cycle (sec):	110	Critical Vol./Cap.(X):	0.467
Loss Time (sec):	9	Average Delay (sec/veh):	22.9
Optimal Cycle:	36	Level Of Service:	C+

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Protected				Protected				Split Phase				Split Phase			
Rights:	Include				Include				Include				Include			
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10				
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				
Lanes:	1	0 1	0	0	0	0 1	1	0	0	0	0	0	0	1	1	0 1
Volume Module: >> Count Date: 12 Oct 2016 << 5:00-6:01																
Base Vol:	125	276	0	0	284	72	0	0	0	180	786	123				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	125	276	0	0	284	72	0	0	0	180	786	123				
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
ATI:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	125	276	0	0	284	72	0	0	0	180	786	123				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	125	276	0	0	284	72	0	0	0	180	786	123				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	125	276	0	0	284	72	0	0	0	180	786	123				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
FinalVolume:	125	276	0	0	284	72	0	0	0	180	786	123				
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900				
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92	0.95	0.98	0.92				
Lanes:	1.00	1.00	0.00	0.00	1.58	0.42	0.00	0.00	0.00	0.38	1.62	1.00				
Final Sat.:	1750	1900	0	0	2951	748	0	0	0	689	3010	1750				
Capacity Analysis Module:																
Vol/Sat:	0.07	0.15	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.26	0.26	0.07				
Crit Moves:	****				****						****					
Green Time:	16.8	39.5	0.0	0.0	22.7	22.7	0.0	0.0	0.0	61.5	61.5	61.5				
Volume/Cap:	0.47	0.40	0.00	0.00	0.47	0.47	0.00	0.00	0.00	0.47	0.47	0.13				
Delay/Veh:	43.8	26.8	0.0	0.0	38.8	38.8	0.0	0.0	0.0	14.6	14.6	11.6				
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
AdjDel/Veh:	43.8	26.8	0.0	0.0	38.8	38.8	0.0	0.0	0.0	14.6	14.6	11.6				
LOS by Move:	D	C	A	A	D+	D+	A	A	A	B	B	B+				
HCM2k95thQ:	9	13	0	0	11	11	0	0	0	18	18	4				

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations Method (Future Volume Alternative)

Intersection #3944 LELAND/MOORPARK

Cycle (sec):	120	Critical Vol./Cap.(X):	0.293
Loss Time (sec):	9	Average Delay (sec/veh):	8.8
Optimal Cycle:	29	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	10	10	0	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0	0 1	1 0	0	0 0	0 1	2	0 1	0 0	0	0 0
Volume Module: >> Count Date: 14 Sep 2011 << 7:45-8:45												
Base Vol:	0	0	34	100	0	0	206	993	134	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	34	100	0	0	206	993	134	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	34	100	0	0	206	993	134	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	34	100	0	0	206	993	134	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	34	100	0	0	206	993	134	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	34	100	0	0	206	993	134	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	1.00	1.00	0.00	0.00	0.53	2.47	1.00	0.00	0.00	0.00
Final Sat.:	0	0	1750	1750	0	0	962	4637	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.02	0.06	0.00	0.00	0.21	0.21	0.08	0.00	0.00	0.00
Crit Moves:				****			****					
Green Time:	0.0	0.0	23.4	23.4	0.0	0.0	87.6	87.6	87.6	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.10	0.29	0.00	0.00	0.29	0.29	0.10	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	39.8	41.7	0.0	0.0	5.6	5.6	4.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	39.8	41.7	0.0	0.0	5.6	5.6	4.8	0.0	0.0	0.0
LOS by Move:	A	A	D	D	A	A	A	A	A	A	A	A
HCM2k95thQ:	0	0	2	7	0	0	10	10	3	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3944 LELAND/MOORPARK

Cycle (sec):	110	Critical Vol./Cap.(X):	0.460
Loss Time (sec):	9	Average Delay (sec/veh):	8.5
Optimal Cycle:	39	Level Of Service:	A

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	- R		L	- T	- R		L	- T	- R		L	- T	- R	
Control:	Protected				Protected				Protected				Protected			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	10	10	0	0	10	10	10	0	0	0				
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				
Lanes:	0	0	0	0	1	1	0	0	0	0	0	1	2	0	1	0	0	0	0	0
Volume Module: >> Count Date: 14 Sep 2011 << 4:30-5:30																
Base Vol:	0	0	27	85	0	0	307	1700	62	0	0	0				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	0	0	27	85	0	0	307	1700	62	0	0	0				
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
ATI:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	0	0	27	85	0	0	307	1700	62	0	0	0				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	0	0	27	85	0	0	307	1700	62	0	0	0				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	0	0	27	85	0	0	307	1700	62	0	0	0				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
FinalVolume:	0	0	27	85	0	0	307	1700	62	0	0	0				
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900				
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92				
Lanes:	0.00	0.00	1.00	1.00	0.00	0.00	0.48	2.52	1.00	0.00	0.00	0.00				
Final Sat.:	0	0	1750	1750	0	0	856	4742	1750	0	0	0				
Capacity Analysis Module:																
Vol/Sat:	0.00	0.00	0.02	0.05	0.00	0.00	0.36	0.36	0.04	0.00	0.00	0.00				
Crit Moves:			****	****			****									
Green Time:	0.0	0.0	10.0	10.9	0.0	0.0	80.1	80.1	80.1	0.0	0.0	0.0				
Volume/Cap:	0.00	0.00	0.17	0.49	0.00	0.00	0.49	0.49	0.05	0.00	0.00	0.00				
Delay/Veh:	0.0	0.0	46.7	49.2	0.0	0.0	6.4	6.4	4.2	0.0	0.0	0.0				
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
AdjDel/Veh:	0.0	0.0	46.7	49.2	0.0	0.0	6.4	6.4	4.2	0.0	0.0	0.0				
LOS by Move:	A	A	D	D	A	A	A	A	A	A	A	A				
HCM2k95thQ:	0	0	2	7	0	0	18	18	1	0	0	0				

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3895 LUCRETIA/PHELAN

Cycle (sec):	118	Critical Vol./Cap.(X):	0.855
Loss Time (sec):	12	Average Delay (sec/veh):	48.4
Optimal Cycle:	98	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	0 1	0	1 0	0 1	0	0 0	1! 0	0	1 0	0 1	0
Volume Module: >> Count Date: 9 Nov 2016 << 7:30-8:30												
Base Vol:	160	552	138	40	340	40	65	83	169	213	146	179
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	160	552	138	40	340	40	65	83	169	213	146	179
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	160	552	138	40	340	40	65	83	169	213	146	179
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	160	552	138	40	340	40	65	83	169	213	146	179
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	160	552	138	40	340	40	65	83	169	213	146	179
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	160	552	138	40	340	40	65	83	169	213	146	179
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.95	0.95	0.92	0.92	0.92	0.92	0.95	0.95
Lanes:	1.00	0.80	0.20	1.00	0.89	0.11	0.21	0.26	0.53	1.00	0.45	0.55
Final Sat.:	1750	1440	360	1750	1611	189	359	458	933	1750	809	991
Capacity Analysis Module:												
Vol/Sat:	0.09	0.38	0.38	0.02	0.21	0.21	0.18	0.18	0.18	0.12	0.18	0.18
Crit Moves:		****		****			****					****
Green Time:	16.9	52.9	52.9	3.2	39.1	39.1	25.0	25.0	25.0	24.9	24.9	24.9
Volume/Cap:	0.64	0.85	0.85	0.85	0.64	0.64	0.85	0.85	0.85	0.58	0.85	0.85
Delay/Veh:	53.0	38.0	38.0	136.0	35.7	35.7	62.1	62.1	62.1	44.0	61.8	61.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.0	38.0	38.0	136.0	35.7	35.7	62.1	62.1	62.1	44.0	61.8	61.8
LOS by Move:	D-	D+	D+	F	D+	D+	E	E	E	D	E	E
HCM2k95thQ:	13	43	43	7	23	23	26	26	26	15	26	26

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3945 LELAND/PARKMOOR

Cycle (sec):	110	Critical Vol./Cap.(X):	0.511
Loss Time (sec):	9	Average Delay (sec/veh):	23.2
Optimal Cycle:	36	Level Of Service:	C

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	- R		L	- T	- R		L	- T	- R		L	- T	- R	
Control:	Protected				Protected				Split Phase				Split Phase			
Rights:	Include				Include				Include				Include			
Min. Green:	7	10	0		0	10	10		0	0	0		10	10	10	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	
Lanes:	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1
Volume Module: >> Count Date: 26 Oct 2016 << 5:00-6:00																
Base Vol:	224	162	0		0	69	73		0	0	0		18	951	52	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	224	162	0		0	69	73		0	0	0		18	951	52	
Added Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
ATI:	0	0	0		0	0	0		0	0	0		0	0	0	
Initial Fut:	224	162	0		0	69	73		0	0	0		18	951	52	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	224	162	0		0	69	73		0	0	0		18	951	52	
Reduct Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
Reduced Vol:	224	162	0		0	69	73		0	0	0		18	951	52	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	224	162	0		0	69	73		0	0	0		18	951	52	
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900	
Adjustment:	0.92	1.00	0.92		0.92	0.95	0.95		0.92	1.00	0.92		0.95	0.97	0.92	
Lanes:	1.00	1.00	0.00		0.00	0.49	0.51		0.00	0.00	0.00		0.04	1.96	1.00	
Final Sat.:	1750	1900	0		0	875	925		0	0	0		69	3631	1750	
Capacity Analysis Module:																
Vol/Sat:	0.13	0.09	0.00		0.00	0.08	0.08		0.00	0.00	0.00		0.26	0.26	0.03	
Crit Moves:	****					****								****		
Green Time:	27.6	44.6	0.0		0.0	17.0	17.0		0.0	0.0	0.0		56.4	56.4	56.4	
Volume/Cap:	0.51	0.21	0.00		0.00	0.51	0.51		0.00	0.00	0.00		0.51	0.51	0.06	
Delay/Veh:	36.4	21.4	0.0		0.0	44.3	44.3		0.0	0.0	0.0		17.9	17.9	13.5	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	36.4	21.4	0.0		0.0	44.3	44.3		0.0	0.0	0.0		17.9	17.9	13.5	
LOS by Move:	D+	C+	A		A	D	D		A	A	A		B	B	B	
HCM2k95thQ:	14	7	0		0	10	10		0	0	0		20	20	2	

Note: Queue reported is the number of cars per lane.

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City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #4101 LEIGH/KINGMAN

Cycle (sec):	71	Critical Vol./Cap.(X):	0.323
Loss Time (sec):	9	Average Delay (sec/veh):	13.4
Optimal Cycle:	36	Level Of Service:	B

Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	1 1	0	1 0	2 0	0	0 0	0 0	0	0 0	1! 0	0
Volume Module: >> Count Date: 13 Sep 2018 << 7:30-8:30AM												
Base Vol:	0	508	53	20	277	0	0	0	0	68	0	141
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	508	53	20	277	0	0	0	0	68	0	141
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	508	53	20	277	0	0	0	0	68	0	141
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	508	53	20	277	0	0	0	0	68	0	141
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	508	53	20	277	0	0	0	0	68	0	141
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	508	53	20	277	0	0	0	0	68	0	141
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.92	0.92
Lanes:	0.00	1.81	0.19	1.00	2.00	0.00	0.00	0.00	0.00	0.33	0.00	0.67
Final Sat.:	0	3350	350	1750	3800	0	0	0	0	569	0	1181
Capacity Analysis Module:												
Vol/Sat:	0.00	0.15	0.15	0.01	0.07	0.00	0.00	0.00	0.00	0.12	0.00	0.12
Crit Moves:		****		****								****
Green Time:	0.0	30.8	30.8	7.0	37.8	0.0	0.0	0.0	0.0	24.2	0.0	24.2
Volume/Cap:	0.00	0.35	0.35	0.12	0.14	0.00	0.00	0.00	0.00	0.35	0.00	0.35
Delay/Veh:	0.0	13.6	13.6	29.5	8.4	0.0	0.0	0.0	0.0	17.8	0.0	17.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	13.6	13.6	29.5	8.4	0.0	0.0	0.0	0.0	17.8	0.0	17.8
LOS by Move:	A	B	B	C	A	A	A	A	A	B	A	B
HCM2k95thQ:	0	9	9	1	3	0	0	0	0	8	0	8

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #4101 LEIGH/KINGMAN

Cycle (sec):	71	Critical Vol./Cap.(X):	0.202
Loss Time (sec):	9	Average Delay (sec/veh):	13.5
Optimal Cycle:	36	Level Of Service:	B

Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	1 1	0	1 0	2 0	0	0 0	0 0	0	0 0	1! 0	0
Volume Module: >> Count Date: 13 Sep 2018 << 4:55-5:55PM												
Base Vol:	0	220	36	57	825	0	0	0	0	45	0	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	220	36	57	825	0	0	0	0	45	0	86
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	220	36	57	825	0	0	0	0	45	0	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	220	36	57	825	0	0	0	0	45	0	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	220	36	57	825	0	0	0	0	45	0	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	220	36	57	825	0	0	0	0	45	0	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.92	0.92
Lanes:	0.00	1.71	0.29	1.00	2.00	0.00	0.00	0.00	0.00	0.34	0.00	0.66
Final Sat.:	0	3179	520	1750	3800	0	0	0	0	601	0	1149
Capacity Analysis Module:												
Vol/Sat:	0.00	0.07	0.07	0.03	0.22	0.00	0.00	0.00	0.00	0.07	0.00	0.07
Crit Moves:		****		****								****
Green Time:	0.0	24.3	24.3	11.4	35.7	0.0	0.0	0.0	0.0	26.3	0.0	26.3
Volume/Cap:	0.00	0.20	0.20	0.20	0.43	0.00	0.00	0.00	0.00	0.20	0.00	0.20
Delay/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
LOS by Move:	A	B	B	C	B+	A	A	A	A	B	A	B
HCM2k95thQ:	0	4	4	3	11	0	0	0	0	4	0	4

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5010 BASCOM/RENOVA

Cycle (sec):	130	Critical Vol./Cap.(X):	0.374
Loss Time (sec):	12	Average Delay (sec/veh):	15.9
Optimal Cycle:	49	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2	1 0	1 0	2	1 0	0 1	0	0 1	0 1	0	0 1
Volume Module: >> Count Date: 4 Oct 2012 << 7:30-8:30												
Base Vol:	160	1668	22	30	710	163	30	3	33	3	1	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	160	1668	22	30	710	163	30	3	33	3	1	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	160	1668	22	30	710	163	30	3	33	3	1	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	160	1668	22	30	710	163	30	3	33	3	1	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	160	1668	22	30	710	163	30	3	33	3	1	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	160	1668	22	30	710	163	30	3	33	3	1	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.96	0.04	1.00	2.42	0.58	0.91	0.09	1.00	0.75	0.25	1.00
Final Sat.:	1750	5527	73	1750	4553	1045	1636	164	1750	1350	450	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.30	0.30	0.02	0.16	0.16	0.02	0.02	0.02	0.00	0.00	0.00
Crit Moves:		****		****				****			****	
Green Time:	36.2	91.0	91.0	7.0	61.8	61.8	10.0	10.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.33	0.43	0.43	0.32	0.33	0.33	0.24	0.24	0.25	0.03	0.03	0.04
Delay/Veh:	37.6	8.5	8.5	61.2	21.3	21.3	57.3	57.3	57.4	55.6	55.6	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.6	8.5	8.5	61.2	21.3	21.3	57.3	57.3	57.4	55.6	55.6	55.7
LOS by Move:	D+	A	A	E	C+	C+	E+	E+	E+	E+	E+	E+
HCM2k95thQ:	11	18	18	3	14	14	3	3	3	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5010 BASCOM/RENOVA

Cycle (sec):	130	Critical Vol./Cap.(X):	0.373
Loss Time (sec):	12	Average Delay (sec/veh):	20.2
Optimal Cycle:	49	Level Of Service:	C+

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2 1	0	1 0	2 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module: >> Count Date: 4 Oct 2012 << 5:00-6:00												
Base Vol:	48	978	11	25	1292	73	98	3	109	17	4	38
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	48	978	11	25	1292	73	98	3	109	17	4	38
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	48	978	11	25	1292	73	98	3	109	17	4	38
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	48	978	11	25	1292	73	98	3	109	17	4	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	48	978	11	25	1292	73	98	3	109	17	4	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	48	978	11	25	1292	73	98	3	109	17	4	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.97	0.03	1.00	2.83	0.17	0.97	0.03	1.00	0.81	0.19	1.00
Final Sat.:	1750	5538	62	1750	5300	299	1747	53	1750	1457	343	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.18	0.18	0.01	0.24	0.24	0.06	0.06	0.06	0.01	0.01	0.02
Crit Moves:	****				****			****			****	
Green Time:	8.9	67.3	67.3	20.5	78.9	78.9	20.2	20.2	20.2	10.0	10.0	10.0
Volume/Cap:	0.40	0.34	0.34	0.09	0.40	0.40	0.36	0.36	0.40	0.15	0.15	0.28
Delay/Veh:	60.2	18.4	18.4	46.9	13.3	13.3	50.0	50.0	50.4	56.5	56.5	57.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.2	18.4	18.4	46.9	13.3	13.3	50.0	50.0	50.4	56.5	56.5	57.8
LOS by Move:	E	B-	B-	D	B	B	D	D	D	E+	E+	E+
HCM2k95thQ:	5	14	14	2	17	17	8	8	9	2	2	4

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5012 BASCOM/MOORPARK

Cycle (sec):	140	Critical Vol./Cap.(X):	0.625
Loss Time (sec):	9	Average Delay (sec/veh):	35.3
Optimal Cycle:	45	Level Of Service:	D+

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:		Ovl			Include			Ovl			Ignore	
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	3 0	1	1 0	2 1	0	0 1	2 0	1	0 0	0 0	1
Volume Module: >> Count Date: 7 Nov 2017 << 7:45-8:45												
Base Vol:	508	1138	228	235	701	472	139	637	232	0	0	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	508	1138	228	235	701	472	139	637	232	0	0	1
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	508	1138	228	235	701	472	139	637	232	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	508	1138	228	235	701	472	139	637	232	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	508	1138	228	235	701	472	139	637	232	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	508	1138	228	235	701	472	139	637	232	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.95	0.87	0.92	0.92	1.00	0.92
Lanes:	2.00	3.00	1.00	1.00	2.00	1.00	0.50	2.50	1.00	0.00	0.00	1.00
Final Sat.:	3150	5700	1750	1750	3800	1750	903	4136	1750	0	0	1750
Capacity Analysis Module:												
Vol/Sat:	0.16	0.20	0.13	0.13	0.18	0.27	0.15	0.15	0.13	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	36.1	57.7	57.7	38.8	60.4	60.4	34.5	34.5	70.6	0.0	0.0	0.0
Volume/Cap:	0.63	0.48	0.32	0.48	0.43	0.63	0.63	0.63	0.26	0.00	0.00	0.00
Delay/Veh:	47.5	30.4	28.1	43.0	27.9	31.7	48.0	48.0	20.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.5	30.4	28.1	43.0	27.9	31.7	48.0	48.0	20.0	0.0	0.0	0.0
LOS by Move:	D	C	C	D	C	C	D	D	B-	A	A	A
HCM2k95thQ:	22	21	13	17	19	30	21	19	11	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5012 BASCOM AVE/MOORPARK AVE

Cycle (sec):	157	Critical Vol./Cap.(X):	0.947
Loss Time (sec):	12	Average Delay (sec/veh):	63.7
Optimal Cycle:	183	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:		Ovl			Ovl			Ovl			Ignore	
Min. Green:	16	35	35	47	66	66	65	65	65	0	0	0
Y+R:	4.8	5.1	5.1	4.6	5.1	5.1	5.6	5.6	5.6	0.0	0.0	0.0
Lanes:	2 0	2 1	0	1 0	2 1	0	0 1	0 1	0	0 0	0 0	0
Volume Module: >> Count Date: 11 Dec 2018 << 5:15 - 6:15 PM												
Base Vol:	191	478	270	453	1178	332	229	922	387	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	191	478	270	453	1178	332	229	922	387	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	191	478	270	453	1178	332	229	922	387	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	191	478	270	453	1178	332	229	922	387	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	191	478	270	453	1178	332	229	922	387	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	191	478	270	453	1178	332	229	922	387	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.95	0.83	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	2.32	0.68	0.28	1.26	0.46	0.00	0.00	0.00
Final Sat.:	3150	3800	1750	1750	4367	1231	496	1995	837	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.15	0.26	0.27	0.27	0.46	0.46	0.46	0.00	0.00	0.00
Crit Moves:			****	****				****				
Green Time:	15.8	34.6	34.6	46.4	65.2	129.4	64.2	64.2	80.0	0.0	0.0	0.0
Volume/Cap:	0.60	0.57	0.70	0.88	0.65	0.33	1.13	1.13	0.91	0.00	0.00	0.00
Uniform Del:	68.5	55.3	57.2	53.2	37.2	3.4	47.0	47.0	35.6	0.0	0.0	0.0
IncremntDel:	3.2	0.6	2.1	15.4	0.7	0.0	68.5	68.5	7.5	0.0	0.0	0.0
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00
Delay/Veh:	71.7	55.9	59.3	68.6	37.9	3.4	115.5	116	43.1	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.7	55.9	59.3	68.6	37.9	3.4	115.5	116	43.1	0.0	0.0	0.0
LOS by Move:	E	E+	E+	E	D+	A	F	F	D	A	A	A
HCM2kAvgQ:	5	10	13	25	20	6	57	51	42	0	0	0

City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5039 BASCOM/PARKMOOR

Cycle (sec):	150	Critical Vol./Cap.(X):	0.771
Loss Time (sec):	12	Average Delay (sec/veh):	42.9
Optimal Cycle:	78	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	3 0	0	0 0	2 1	0	0 0	1! 0	0	1 0	1! 0	0
Volume Module: >> Count Date: 7 May 2015 << 7:45-8:45												
Base Vol:	4	1241	0	0	655	27	5	0	29	709	209	262
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	1241	0	0	655	27	5	0	29	709	209	262
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	1241	0	0	655	27	5	0	29	709	209	262
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	1241	0	0	655	27	5	0	29	709	209	262
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	1241	0	0	655	27	5	0	29	709	209	262
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	1241	0	0	655	27	5	0	29	709	209	262
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	3.00	0.00	0.00	2.88	0.12	0.15	0.00	0.85	1.43	0.25	0.32
Final Sat.:	1750	5700	0	0	5378	222	257	0	1493	2502	443	555
Capacity Analysis Module:												
Vol/Sat:	0.00	0.22	0.00	0.00	0.12	0.12	0.02	0.00	0.02	0.28	0.47	0.47
Crit Moves:		****		****			****					****
Green Time:	11.2	40.4	0.0	0.0	29.2	29.2	10.0	0.0	10.0	87.6	87.6	87.6
Volume/Cap:	0.03	0.81	0.00	0.00	0.63	0.63	0.29	0.00	0.29	0.49	0.81	0.81
Delay/Veh:	64.5	54.5	0.0	0.0	56.5	56.5	68.0	0.0	68.0	18.3	28.0	28.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	64.5	54.5	0.0	0.0	56.5	56.5	68.0	0.0	68.0	18.3	28.0	28.0
LOS by Move:	E	D-	A	A	E+	E+	E	A	E	B-	C	C
HCM2k95thQ:	0	33	0	0	19	19	4	0	4	25	53	53

Note: Queue reported is the number of cars per lane.

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City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5039 BASCOM/PARKMOOR

Cycle (sec):	150	Critical Vol./Cap.(X):	0.646
Loss Time (sec):	12	Average Delay (sec/veh):	36.2
Optimal Cycle:	56	Level Of Service:	D+

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	- R		L	- T	- R		L	- T	- R		L	- T	- R	
Control:	Protected				Protected				Split Phase				Split Phase			
Rights:	Include				Include				Include				Include			
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10				
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				
Lanes:	1	0	3	0	0	0	0	2	1	0	0	1!	0	0	1	0
Volume Module: >> Count Date: 6 May 2015 << 5:00-6:00																
Base Vol:	13	683	0	0	1455	25	13	0	27	527	121	140				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	13	683	0	0	1455	25	13	0	27	527	121	140				
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
ATI:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	13	683	0	0	1455	25	13	0	27	527	121	140				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	13	683	0	0	1455	25	13	0	27	527	121	140				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	13	683	0	0	1455	25	13	0	27	527	121	140				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
FinalVolume:	13	683	0	0	1455	25	13	0	27	527	121	140				
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900				
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92				
Lanes:	1.00	3.00	0.00	0.00	2.95	0.05	0.32	0.00	0.68	1.50	0.23	0.27				
Final Sat.:	1750	5700	0	0	5505	95	569	0	1181	2629	404	467				
Capacity Analysis Module:																
Vol/Sat:	0.01	0.12	0.00	0.00	0.26	0.26	0.02	0.00	0.02	0.20	0.30	0.30				
Crit Moves:	****				****		****					****				
Green Time:	7.0	63.7	0.0	0.0	56.7	56.7	10.0	0.0	10.0	64.3	64.3	64.3				
Volume/Cap:	0.16	0.28	0.00	0.00	0.70	0.70	0.34	0.00	0.34	0.47	0.70	0.70				
Delay/Veh:	69.6	28.3	0.0	0.0	40.5	40.5	68.6	0.0	68.6	30.8	36.9	36.9				
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
AdjDel/Veh:	69.6	28.3	0.0	0.0	40.5	40.5	68.6	0.0	68.6	30.8	36.9	36.9				
LOS by Move:	E	C	A	A	D	D	E	A	E	C	D+	D+				
HCM2k95thQ:	2	13	0	0	34	34	5	0	5	22	36	36				

Note: Queue reported is the number of cars per lane.

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City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5009 BASCOM/FRUITDALE

Cycle (sec):	140	Critical Vol./Cap.(X):	0.749
Loss Time (sec):	9	Average Delay (sec/veh):	44.1
Optimal Cycle:	62	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	2	1 0	1 0	2	1 0	0 1	0	1 0	0 1	0	1 0
Volume Module: >> Count Date: 7 May 2015 << 7:30-8:30												
Base Vol:	124	1391	83	158	442	90	59	45	49	146	220	520
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	124	1391	83	158	442	90	59	45	49	146	220	520
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	124	1391	83	158	442	90	59	45	49	146	220	520
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	124	1391	83	158	442	90	59	45	49	146	220	520
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	124	1391	83	158	442	90	59	45	49	146	220	520
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	124	1391	83	158	442	90	59	45	49	146	220	520
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.49	0.95	0.95	0.60	0.95	0.95
Lanes:	1.00	2.82	0.18	1.00	2.47	0.53	1.10	0.43	0.47	0.51	0.49	1.00
Final Sat.:	1750	5284	315	1750	4651	947	1018	776	845	581	876	1800
Capacity Analysis Module:												
Vol/Sat:	0.07	0.26	0.26	0.09	0.10	0.10	0.06	0.06	0.06	0.25	0.25	0.29
Crit Moves:		****		****				****				****
Green Time:	28.2	49.2	49.2	16.9	37.9	37.9	10.8	10.8	10.8	54.0	54.0	54.0
Volume/Cap:	0.35	0.75	0.75	0.75	0.35	0.35	0.75	0.75	0.75	0.65	0.65	0.75
Delay/Veh:	48.6	41.6	41.6	73.3	41.3	41.3	77.4	77.4	77.4	36.4	36.4	39.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	48.6	41.6	41.6	73.3	41.3	41.3	77.4	77.4	77.4	36.4	36.4	39.8
LOS by Move:	D	D	D	E	D	D	E-	E-	E-	D+	D+	D
HCM2k95thQ:	10	34	34	16	12	12	8	12	12	21	29	36

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #5009 BASCOM AVE/FRUITDALE AVE

Cycle (sec):	158	Critical Vol./Cap.(X):	0.651
Loss Time (sec):	12	Average Delay (sec/veh):	45.7
Optimal Cycle:	160	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:		Ovl			Ovl			Include			Ovl	
Min. Green:	8	45	45	35	72	72	27	32	32	36	31	31
Y+R:	5.1	5.1	5.1	5.0	5.1	5.1	5.4	5.4	5.4	5.2	5.2	5.2
Lanes:	1 0	2 1	0	1 0	2 1	0	0 1	0 1	0	0 1	1 0	1
Volume Module: >> Count Date: 11 Dec 2018 << 4:30 - 5:30 PM												
Base Vol:	42	625	153	320	1092	27	73	242	188	134	58	224
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	625	153	320	1092	27	73	242	188	134	58	224
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	625	153	320	1092	27	73	242	188	134	58	224
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	625	153	320	1092	27	73	242	188	134	58	224
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	625	153	320	1092	27	73	242	188	134	58	224
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	625	153	320	1092	27	73	242	188	134	58	224
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.49	0.95	0.95	0.58	1.00	0.92
Lanes:	1.00	2.39	0.61	1.00	2.92	0.08	0.50	0.84	0.66	1.00	1.00	1.00
Final Sat.:	1750	4497	1101	1750	5465	135	459	1523	1183	1100	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.14	0.18	0.20	0.20	0.16	0.16	0.16	0.12	0.03	0.13
Crit Moves:		****		****				****		****		
Green Time:	7.9	44.4	80.0	34.6	71.1	102.7	31.6	31.6	31.6	35.6	35.6	70.1
Volume/Cap:	0.48	0.49	0.27	0.84	0.44	0.31	0.79	0.79	0.79	0.54	0.14	0.29
Uniform Del:	74.0	48.0	22.7	59.8	30.2	12.2	60.9	60.9	60.9	54.7	49.6	28.4
IncremntDel:	4.1	0.2	0.1	14.7	0.1	0.0	6.9	6.9	6.9	1.7	0.0	0.2
InitQueuDel:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delay/Veh:	78.1	48.2	22.7	74.5	30.4	12.3	67.7	67.7	67.7	56.4	49.6	28.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.1	48.2	22.7	74.5	30.4	12.3	67.7	67.7	67.7	56.4	49.6	28.6
LOS by Move:	E-	D	C+	E	C	B	E	E	E	E+	D	C
HCM2kAvgQ:	2	10	7	16	12	8	9	16	16	7	2	7

City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3551 FRUITDALE/LEIGH

Cycle (sec):	108	Critical Vol./Cap.(X):	0.551
Loss Time (sec):	12	Average Delay (sec/veh):	34.6
Optimal Cycle:	46	Level Of Service:	C-

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module: >> Count Date: 7 May 2015 << 7:30-8:30												
Base Vol:	167	282	13	25	132	187	188	274	69	6	640	27
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	167	282	13	25	132	187	188	274	69	6	640	27
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	167	282	13	25	132	187	188	274	69	6	640	27
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	167	282	13	25	132	187	188	274	69	6	640	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	167	282	13	25	132	187	188	274	69	6	640	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	167	282	13	25	132	187	188	274	69	6	640	27
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.97	0.95
Lanes:	1.00	1.91	0.09	1.00	1.00	1.00	1.00	1.59	0.41	1.00	1.92	0.08
Final Sat.:	1750	3537	163	1750	1900	1750	1750	2955	744	1750	3550	150
Capacity Analysis Module:												
Vol/Sat:	0.10	0.08	0.08	0.01	0.07	0.11	0.11	0.09	0.09	0.00	0.18	0.18
Crit Moves:	****					****	****				****	
Green Time:	18.7	23.3	23.3	16.3	20.9	20.9	21.0	33.2	33.2	23.2	35.3	35.3
Volume/Cap:	0.55	0.37	0.37	0.09	0.36	0.55	0.55	0.30	0.30	0.02	0.55	0.55
Delay/Veh:	43.0	36.4	36.4	39.6	38.0	40.4	41.2	28.7	28.7	33.4	30.4	30.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.0	36.4	36.4	39.6	38.0	40.4	41.2	28.7	28.7	33.4	30.4	30.4
LOS by Move:	D	D+	D+	D	D+	D	D	C	C	C-	C	C
HCM2k95thQ:	12	9	9	2	8	13	13	9	9	0	18	18

Note: Queue reported is the number of cars per lane.

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City of San Jose
Citywide Traffix Database
(updated December 1, 2016)

Level Of Service Computation Report
2000 HCM Operations Method (Future Volume Alternative)

Intersection #3551 FRUITDALE/LEIGH

Cycle (sec):	104	Critical Vol./Cap.(X):	0.437
Loss Time (sec):	12	Average Delay (sec/veh):	28.7
Optimal Cycle:	46	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module: >> Count Date: 6 May 2015 << 4:30-5:30												
Base Vol:	55	127	18	140	425	196	83	518	110	30	340	19
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	127	18	140	425	196	83	518	110	30	340	19
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	55	127	18	140	425	196	83	518	110	30	340	19
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	127	18	140	425	196	83	518	110	30	340	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	127	18	140	425	196	83	518	110	30	340	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	127	18	140	425	196	83	518	110	30	340	19
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	1.00	1.74	0.26	1.00	1.35	0.65	1.00	1.64	0.36	1.00	1.89	0.11
Final Sat.:	1750	3240	459	1750	2531	1167	1750	3051	648	1750	3504	196
Capacity Analysis Module:												
Vol/Sat:	0.03	0.04	0.04	0.08	0.17	0.17	0.05	0.17	0.17	0.02	0.10	0.10
Crit Moves:	****				****			****		****		
Green Time:	7.2	25.1	25.1	20.8	38.7	38.7	18.9	39.1	39.1	7.0	27.2	27.2
Volume/Cap:	0.45	0.16	0.16	0.40	0.45	0.45	0.26	0.45	0.45	0.25	0.37	0.37
Delay/Veh:	49.1	31.3	31.3	36.9	24.9	24.9	37.0	24.6	24.6	47.2	31.6	31.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.1	31.3	31.3	36.9	24.9	24.9	37.0	24.6	24.6	47.2	31.6	31.6
LOS by Move:	D	C	C	D+	C	C	D+	C	C	D	C	C
HCM2k95thQ:	5	4	4	9	15	15	5	15	15	3	10	10

Note: Queue reported is the number of cars per lane.

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Appendix B
Intersection Volumes

Intersection Number: 1
Traffix Node Number: 3639
Intersection Name: Leigh Avenue and Moorpark Avenue
Peak Hour: AM
Count Date: 10/12/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	160	196	0	0	0	168	426	0	151	1051	55	*2207*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	3	0	0	1	0	*4*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	8	4	0	0	0	0	11	0	6	0	0	*29*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	39	0	*39*
Total Approved Trips	*0*	*8*	*4*	*0*	*0*	*0*	*0*	*14*	*0*	*6*	*40*	*0*	*72*
Background Conditions	0	168	200	0	0	0	168	440	0	157	1046	55	*2234*
Proposed Project Trips	*0*	*16*	*0*	*0*	*0*	*0*	*2*	*3*	*0*	*2*	*4*	*1*	*28*
Background + Project Conditions	0	179	200	0	0	0	176	458	0	89	1045	10	*2157*
													0

Intersection Number: 2
Traffix Node Number: 3640
Intersection Name: Leigh Avenue and Parkmoor Avenue
Peak Hour: AM
Count Date: 10/12/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	108	234	0	127	1114	122	0	198	283	0	0	0	*2186*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	2	2	0	0	0	*4*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	12	0	0	0	0	0	11	0	0	0	0	*23*
863-967 Winchester Boulevard	0	0	0	0	9	0	0	0	0	0	0	0	*9*
Total Approved Trips	*0*	*12*	*0*	*0*	*9*	*0*	*0*	*13*	*2*	*0*	*0*	*0*	*36*
Background Conditions	108	246	0	127	1123	122	0	210	285	0	0	0	*2221*
Proposed Project Trips	*0*	*8*	*0*	*0*	*17*	*8*	*0*	*3*	*1*	*0*	*0*	*0*	*37*
Background + Project Conditions	110	229	0	127	1119	150	0	203	265	0	0	0	*2203*
													0

Intersection Number: 3
Traffix Node Number: 3944
Intersection Name: Leland Avenue and Moorpark Avenue
Peak Hour: AM
Count Date: 09/14/11
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	0	109	0	0	0	66	0	0	146	1082	225	*1628*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	1	0	*1*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1*	*0*	*1*
Background Conditions	0	0	109	0	0	0	66	0	0	146	1083	225	*1629*
Proposed Project Trips	*0*	*22*	*0*	*0*	*0*	*0*	*3*	*6*	*0*	*25*	*4*	*2*	*62*
Background + Project Conditions	0	156	109	0	0	0	24	42	0	100	1011	224	*1666*
													0

Intersection Number: 4
Traffix Node Number: 3945
Intersection Name: Leland Avenue and Parkmoor Avenue
Peak Hour: AM
Count Date: 10/26/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	121	85	0	25	1456	24	0	118	107	0	0	0	*1936*
Approved Project Trips													
NSJ Legacy	0	0	0	0	1	0	0	0	0	0	0	0	*1*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*1*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1*
Background Conditions	121	85	0	25	1467	24	0	118	107	0	0	0	*1947*
Proposed Project Trips	*0*	*12*	*0*	*0*	*9*	*10*	*0*	*3*	*5*	*0*	*0*	*0*	*39*
Background + Project Conditions	121	173	0	25	1378	92	0	131	135	0	0	0	*2055*
													0

Intersection Number: 5
Traffix Node Number: 4101
Intersection Name: Leigh Avenue and Kingman Avenue
Peak Hour: AM
Count Date: 09/13/18
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	277	20	141	0	68	53	508	0	0	0	0	*1067*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	0	0	*0*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Background Conditions	0	277	20	141	0	68	53	508	0	0	0	0	*1067*
Proposed Project Trips	*14*	*4*	*0*	*0*	*0*	*0*	*0*	*0*	*20*	*2*	*0*	*5*	*45*
Background + Project Conditions	54	279	20	141	0	68	53	508	112	8	0	26	*1269*
													0

Intersection Number: 6
Traffix Node Number: 5010
Intersection Name: Bascom Avenue and Renova Drive
Peak Hour: AM
Count Date: 10/04/12
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	176	767	32	5	1	3	24	1844	173	36	3	32	*3096*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	19	0	0	0	0	*19*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*19*	*0*	*0*	*0*	*0*	*19*
Background Conditions	176	767	32	5	1	3	24	1872	173	36	3	32	*3124*
Proposed Project Trips	*0*	*61*	*0*	*0*	*0*	*0*	*0*	*22*	*0*	*0*	*0*	*0*	*83*
Background + Project Conditions	176	826	32	5	1	3	24	1848	173	36	3	32	*3159*
													0

Intersection Number: 7
Traffix Node Number: 5012
Intersection Name: Bascom Avenue and Moorpark Avenue
Peak Hour: AM
Count Date: 11/07/17
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	486	722	242	0	0	0	235	1172	523	239	656	143	*4418*
Approved Project Trips													
NSJ Legacy	4	4	1	0	0	0	4	19	5	1	6	1	*45*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	11	0	0	0	0	0	0	0	0	0	39	7	*57*
Total Approved Trips	*15*	*4*	*1*	*0*	*0*	*0*	*4*	*19*	*5*	*1*	*45*	*8*	*102*
Background Conditions	501	726	243	0	0	0	239	1191	528	240	701	151	*4520*
Proposed Project Trips	*1*	*42*	*8*	*0*	*0*	*0*	*9*	*12*	*1*	*19*	*5*	*0*	*97*
Background + Project Conditions	502	761	124	0	0	0	206	1199	529	264	701	151	*4437*
													0

Intersection Number: 8
Traffix Node Number: 5039
Intersection Name: Bascom Avenue and Parkmoor Avenue
Peak Hour: AM
Count Date: 05/07/15
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	28	700	0	275	219	744	0	1311	4	30	0	5	*3316*
Approved Project Trips													
NSJ Legacy	0	9	0	0	0	0	0	37	0	0	0	0	*46*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	2	0	0	0	9	0	7	0	0	0	0	*18*
Total Approved Trips	*0*	*11*	*0*	*0*	*0*	*9*	*0*	*44*	*0*	*0*	*0*	*0*	*64*
Background Conditions	28	735	0	275	219	753	0	1338	4	30	0	5	*3387*
Proposed Project Trips	*0*	*43*	*0*	*0*	*0*	*8*	*0*	*12*	*0*	*0*	*0*	*0*	*63*
Background + Project Conditions	28	698	0	275	219	685	0	1346	4	30	0	5	*3290*
													0

Intersection Number: 9
Traffix Node Number: 5009
Intersection Name: Bascom Avenue and Fruitdale Avenue
Peak Hour: AM
Count Date: 05/07/15
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	95	464	166	546	231	153	87	1461	130	51	47	62	*3493*
Approved Project Trips													
NSJ Legacy	0	5	0	0	0	0	0	19	0	0	0	0	*24*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*5*	*0*	*0*	*0*	*0*	*0*	*19*	*0*	*0*	*0*	*0*	*24*
Background Conditions	95	469	166	546	231	153	87	1480	130	51	47	62	*3517*
Proposed Project Trips	*0*	*2*	*0*	*1*	*1*	*2*	*1*	*16*	*0*	*0*	*4*	*2*	*29*
Background + Project Conditions	95	471	159	480	232	155	92	1491	130	51	73	67	*3496*
													0

Intersection Number: 10
Traffix Node Number: 3551
Intersection Name: Leigh Avenue and Fruitdale Avenue
Peak Hour: AM
Count Date: 05/07/15

Date of Analysis: 10/21/20

	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
Scenario	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	196	139	26	28	672	6	14	296	175	72	288	197	*2109*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	0	0	*0*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Background Conditions	196	139	26	28	672	6	14	296	175	72	288	197	*2109*
Proposed Project Trips	*2*	*2*	*2*	*8*	*1*	*0*	*0*	*8*	*0*	*0*	*0*	*4*	*27*
Background + Project Conditions	197	144	31	69	641	6	14	338	142	69	285	227	*2163*
													0

Intersection Number: 1
Intersection Name: Leigh Avenue and Moorpark Avenue
Peak Hour: PM
Count Date: 10/12/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	301	137	0	0	0	49	236	0	483	1451	164	*2821*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	1	5	0	*6*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	24	13	0	0	0	0	24	0	13	0	0	*74*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	21	0	*21*
Total Approved Trips	*0*	*24*	*13*	*0*	*0*	*0*	*0*	*24*	*0*	*14*	*26*	*0*	*101*
Background Conditions	0	325	150	0	0	0	49	260	0	497	1437	164	*2882*
Proposed Project Trips	*0*	*11*	*0*	*0*	*0*	*0*	*4*	*7*	*0*	*3*	*9*	*2*	*36*
Background + Project Conditions	0	332	150	0	0	0	67	301	0	453	1431	61	*2795*
													0

Intersection Number: 2
Intersection Name: Leigh Avenue and Parkmoor Avenue
Peak Hour: PM
Count Date: 10/12/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	75	251	0	128	817	187	0	270	130	0	0	0	*1858*
Approved Project Trips													
NSJ Legacy	1	5	0	0	0	0	0	0	0	0	0	0	*6*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	37	0	0	0	0	0	24	0	0	0	0	*61*
863-967 Winchester Boulevard	0	0	0	0	42	0	0	0	0	0	0	0	*42*
Total Approved Trips	*1*	*42*	*0*	*0*	*42*	*0*	*0*	*24*	*0*	*0*	*0*	*0*	*109*
Background Conditions	76	288	0	128	859	187	0	294	130	0	0	0	*1962*
Proposed Project Trips	*0*	*6*	*0*	*0*	*12*	*5*	*0*	*7*	*3*	*0*	*0*	*0*	*33*
Background + Project Conditions	77	276	0	128	857	206	0	280	83	0	0	0	*1907*
													0

Intersection Number: 3
Intersection Name: Leland Avenue and Moorpark Avenue
Peak Hour: PM
Count Date: 09/14/11
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	0	93	0	0	0	152	0	0	68	1853	335	*2501*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	0	0	*0*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Background Conditions	0	0	93	0	0	0	152	0	0	68	1853	335	*2501*
Proposed Project Trips	*0*	*16*	*0*	*0*	*0*	*0*	*7*	*14*	*0*	*18*	*7*	*3*	*65*
Background + Project Conditions	0	109	93	0	0	0	53	97	0	36	1799	338	*2525*
													0

Intersection Number: 4
Intersection Name: Leland Avenue and Parkmoor Avenue
Peak Hour: PM
Count Date: 10/26/16
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	76	74	0	54	949	19	0	102	233	0	0	0	*1507*
Approved Project Trips													
NSJ Legacy	1	2	0	0	6	0	0	0	0	0	0	0	*9*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*1*	*2*	*0*	*0*	*6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*9*
Background Conditions	77	74	0	54	992	19	0	102	233	0	0	0	*1551*
Proposed Project Trips	*0*	*9*	*0*	*0*	*8*	*7*	*0*	*7*	*10*	*0*	*0*	*0*	*41*
Background + Project Conditions	77	136	0	54	897	66	0	139	296	0	0	0	*1665*
													0

Intersection Number: 5
Intersection Name: Leigh Avenue and Kingman Avenue
Peak Hour: PM
Count Date: 09/13/18
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	0	825	57	86	0	45	36	220	0	0	0	0	*1269*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	0	0	*0*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Background Conditions	0	825	57	86	0	45	36	220	0	0	0	0	*1269*
Proposed Project Trips	*9*	*9*	*0*	*0*	*0*	*0*	*0*	*0*	*14*	*5*	*0*	*11*	*48*
Background + Project Conditions	37	830	57	86	0	45	36	220	78	20	0	59	*1468*
													0

Intersection Number: 6
Intersection Name: Bascom Avenue and Renova Drive
Peak Hour: PM
Count Date: 10/04/12
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	79	1395	27	41	4	18	12	739	52	118	3	106	*2594*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	6	0	0	0	0	*6*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6*	*0*	*0*	*0*	*0*	*6*
Background Conditions	79	1395	27	41	4	18	12	750	52	118	3	106	*2605*
Proposed Project Trips	*0*	*42*	*0*	*0*	*0*	*0*	*0*	*38*	*0*	*0*	*0*	*0*	*80*
Background + Project Conditions	79	1437	27	41	4	18	12	750	52	118	3	106	*2647*
													0

Intersection Number: 7
Intersection Name: Bascom Avenue and Moorpark Avenue
Peak Hour: PM
Count Date: 12/11/18
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	332	1178	453	0	0	0	270	478	191	387	922	229	*4440*
Approved Project Trips													
NSJ Legacy	4	19	5	0	0	0	3	6	2	1	5	0	*45*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	50	0	0	0	0	0	0	0	0	1	21	4	*76*
Total Approved Trips	*54*	*19*	*5*	*0*	*0*	*0*	*3*	*6*	*2*	*2*	*26*	*4*	*121*
Background Conditions	386	1197	458	0	0	0	273	484	193	389	948	233	*4561*
Proposed Project Trips	*2*	*29*	*6*	*0*	*0*	*0*	*9*	*27*	*3*	*13*	*4*	*0*	*93*
Background + Project Conditions	388	1223	376	0	0	0	253	502	196	405	948	233	*4524*
													0

Intersection Number: 8
Intersection Name: Bascom Avenue and Parkmoor Avenue
Peak Hour: PM
Count Date: 05/06/15
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	26	1674	0	147	127	553	0	693	14	28	0	14	*3276*
Approved Project Trips													
NSJ Legacy	0	27	0	1	0	1	0	17	0	0	0	0	*46*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	8	0	0	0	42	0	4	0	0	0	0	*54*
Total Approved Trips	*0*	*35*	*0*	*1*	*0*	*43*	*0*	*21*	*0*	*0*	*0*	*0*	*100*
Background Conditions	26	2001	0	148	127	596	0	703	14	28	0	14	*3657*
Proposed Project Trips	*0*	*29*	*0*	*0*	*0*	*7*	*0*	*27*	*0*	*0*	*0*	*0*	*63*
Background + Project Conditions	26	1697	0	147	127	551	0	721	14	28	0	14	*3325*
													0

Intersection Number: 9
Intersection Name: Bascom Avenue and Fruitdale Avenue
Peak Hour: PM
Count Date: 12/11/18
Date of Analysis: 10/21/20

Scenario	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	27	1092	320	224	58	134	153	625	42	188	242	73	*3178*
Approved Project Trips													
NSJ Legacy	0	20	0	0	0	0	0	6	0	0	0	0	*26*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	1	0	0	0	0	0	0	0	0	0	0	*1*
Total Approved Trips	*0*	*21*	*0*	*0*	*0*	*0*	*0*	*6*	*0*	*0*	*0*	*0*	*27*
Background Conditions	27	1113	320	224	58	134	153	631	42	188	242	73	*3205*
Proposed Project Trips	*0*	*5*	*0*	*1*	*2*	*4*	*1*	*11*	*0*	*0*	*2*	*1*	*27*
Background + Project Conditions	27	1119	306	179	58	138	157	639	42	188	259	76	*3188*
													0

Intersection Number: 10
Intersection Name: Leigh Avenue and Fruitdale Avenue
Peak Hour: PM
Count Date: 05/06/15

Date of Analysis: 10/21/20

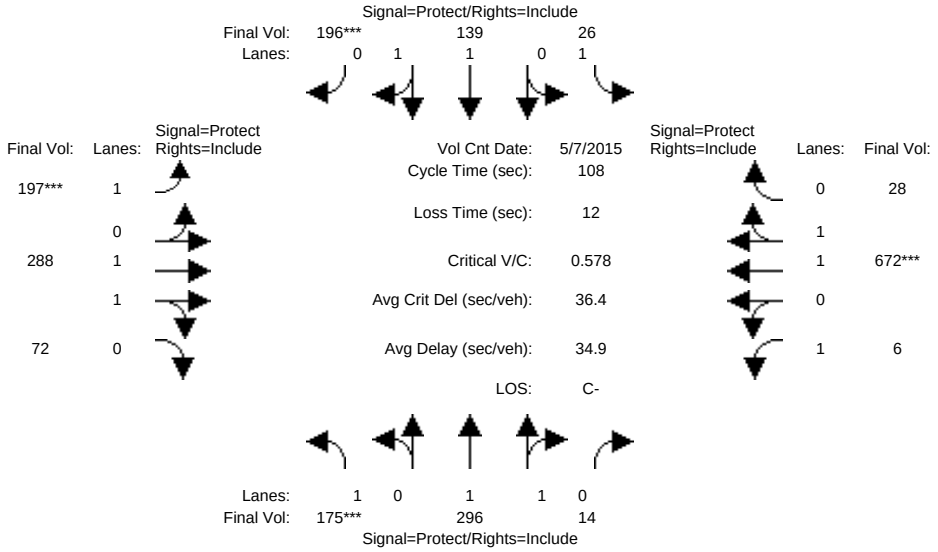
	Movements												
	Southbound Approach			Westbound Approach			Northbound Approach			Eastbound Approach			
Scenario	RT	TH	LT	RT	TH	LT	RT	TH	LT	RT	TH	LT	*Total*
Existing Conditions	206	446	147	20	357	32	19	133	58	116	544	87	*2165*
Approved Project Trips													
NSJ Legacy	0	0	0	0	0	0	0	0	0	0	0	0	*0*
N/S Story Road, 720' SW of McAughlin Vietnam Town	0	0	0	0	0	0	0	0	0	0	0	0	*0*
863-967 Winchester Boulevard	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total Approved Trips	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Background Conditions	206	446	147	20	357	32	19	133	58	116	544	87	*2165*
Proposed Project Trips	*5*	*4*	*4*	*5*	*0*	*0*	*0*	*6*	*0*	*0*	*0*	*3*	*27*
Background + Project Conditions	208	457	158	48	335	32	19	162	35	108	536	108	*2206*
													0

Appendix C
Intersection Level of Service

San Jose City College
Hexagon Transportation Consultants, Inc.
San Jose, CA

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 7 May 2015 << 7:30-8:30												
Base Vol:	175	296	14	26	139	196	197	288	72	6	672	28
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	175	296	14	26	139	196	197	288	72	6	672	28
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	175	296	14	26	139	196	197	288	72	6	672	28
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	175	296	14	26	139	196	197	288	72	6	672	28
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	175	296	14	26	139	196	197	288	72	6	672	28
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	175	296	14	26	139	196	197	288	72	6	672	28
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.97	0.95
Lanes:	1.00	1.91	0.09	1.00	1.00	1.00	1.00	1.59	0.41	1.00	1.92	0.08
Final Sat.:	1750	3533	167	1750	1900	1750	1750	2959	740	1750	3552	148
Capacity Analysis Module:												
Vol/Sat:	0.10	0.08	0.08	0.01	0.07	0.11	0.11	0.10	0.10	0.00	0.19	0.19
Crit Moves:	****					****	****				****	
Green Time:	18.7	23.3	23.3	16.3	20.9	20.9	21.0	33.8	33.8	22.5	35.4	35.4
Volume/Cap:	0.58	0.39	0.39	0.10	0.38	0.58	0.58	0.31	0.31	0.02	0.58	0.58
Delay/Veh:	43.8	36.6	36.6	39.7	38.1	41.0	41.9	28.4	28.4	33.9	30.8	30.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.8	36.6	36.6	39.7	38.1	41.0	41.9	28.4	28.4	33.9	30.8	30.8
LOS by Move:	D	D+	D+	D	D+	D	D	C	C	C-	C	C
HCM2kAvgQ:	7	5	5	1	4	6	6	4	4	0	10	10

Note: Queue reported is the number of cars per lane.

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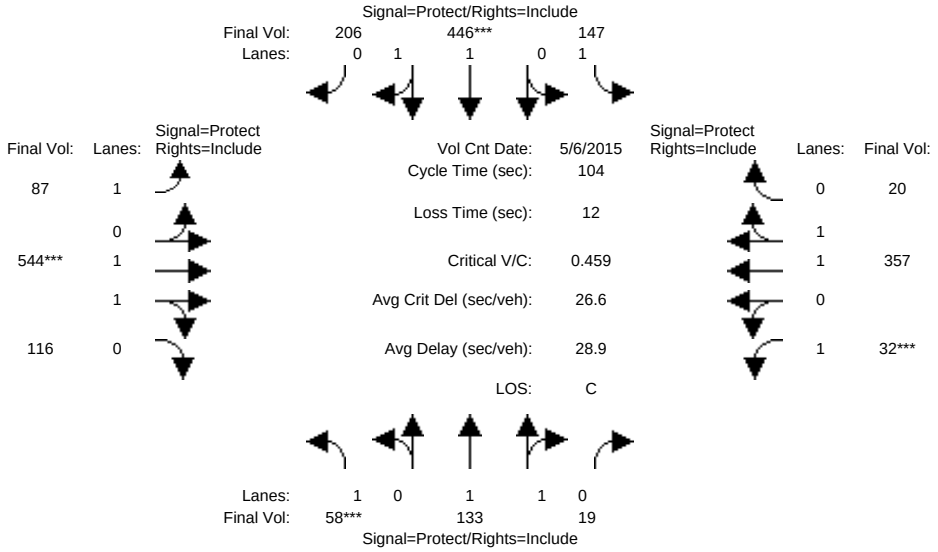
San Jose City College
Hexagon Transportation Consultants, Inc.
San Jose, CA

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 6 May 2015 << 4:30-5:30												
Base Vol:	58	133	19	147	446	206	87	544	116	32	357	20
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	58	133	19	147	446	206	87	544	116	32	357	20
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	58	133	19	147	446	206	87	544	116	32	357	20
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	133	19	147	446	206	87	544	116	32	357	20
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	133	19	147	446	206	87	544	116	32	357	20
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	133	19	147	446	206	87	544	116	32	357	20
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	1.00	1.74	0.26	1.00	1.35	0.65	1.00	1.64	0.36	1.00	1.89	0.11
Final Sat.:	1750	3237	462	1750	2530	1169	1750	3049	650	1750	3504	196
Capacity Analysis Module:												
Vol/Sat:	0.03	0.04	0.04	0.08	0.18	0.18	0.05	0.18	0.18	0.02	0.10	0.10
Crit Moves:	****				****			****		****		
Green Time:	7.3	24.5	24.5	21.4	38.6	38.6	18.3	39.1	39.1	7.0	27.8	27.8
Volume/Cap:	0.47	0.17	0.17	0.41	0.47	0.47	0.28	0.47	0.47	0.27	0.38	0.38
Delay/Veh:	49.4	31.8	31.8	36.6	25.2	25.2	37.6	24.9	24.9	47.3	31.4	31.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.4	31.8	31.8	36.6	25.2	25.2	37.6	24.9	24.9	47.3	31.4	31.4
LOS by Move:	D	C	C	D+	C	C	D+	C	C	D	C	C
HCM2kAvgQ:	3	2	2	4	8	8	3	8	8	1	5	5

Note: Queue reported is the number of cars per lane.

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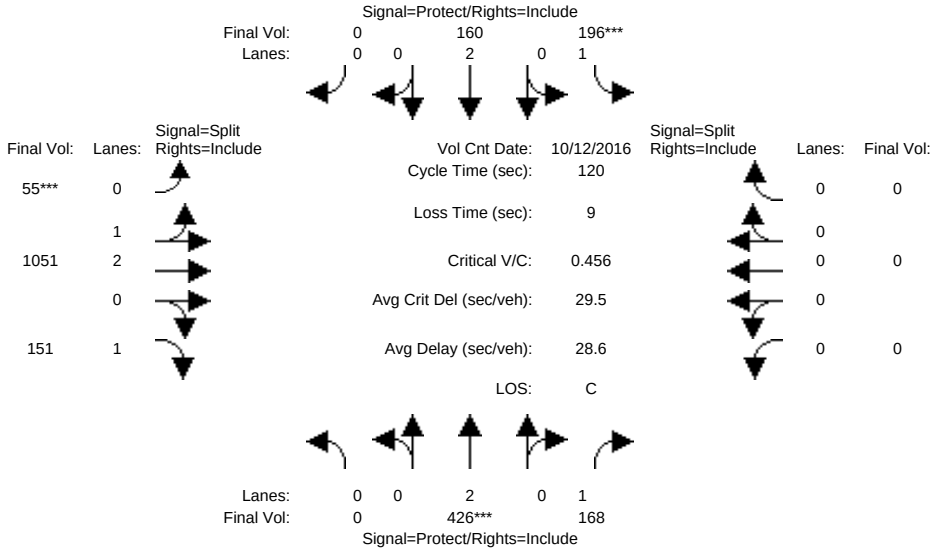
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 12 Oct 2016 << 7:00-8:00												
Base Vol:	0	426	168	196	160	0	55	1051	151	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	426	168	196	160	0	55	1051	151	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	426	168	196	160	0	55	1051	151	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	426	168	196	160	0	55	1051	151	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	426	168	196	160	0	55	1051	151	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	426	168	196	160	0	55	1051	151	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.98	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.15	2.85	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	278	5321	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.11	0.10	0.11	0.04	0.00	0.20	0.20	0.09	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	29.5	29.5	29.5	59.0	0.0	52.0	52.0	52.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.46	0.39	0.46	0.09	0.00	0.46	0.46	0.20	0.00	0.00	0.00
Delay/Veh:	0.0	38.8	38.3	39.2	16.2	0.0	24.1	24.1	21.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	38.8	38.3	39.2	16.2	0.0	24.1	24.1	21.2	0.0	0.0	0.0
LOS by Move:	A	D+	D+	D	B	A	C	C	C+	A	A	A
HCM2kAvgQ:	0	6	5	6	1	0	9	9	4	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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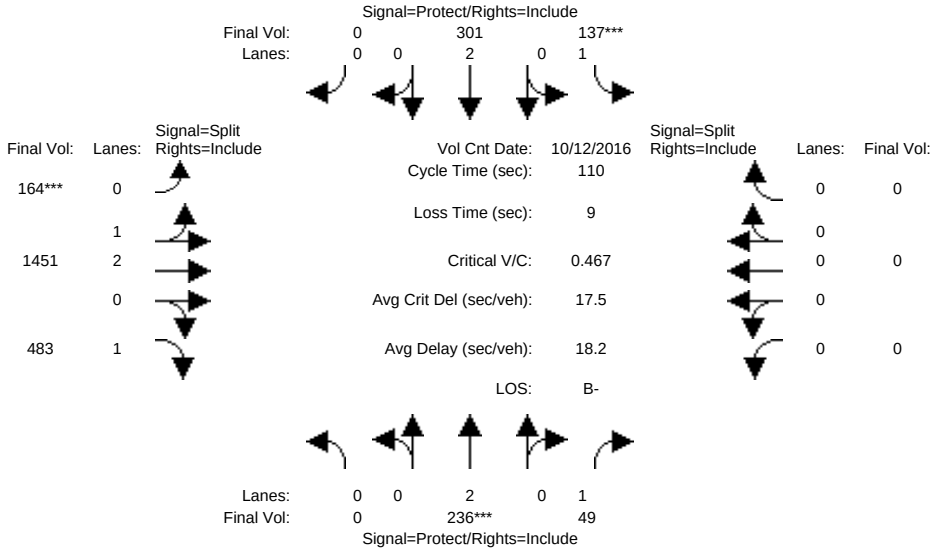
Existing PM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 12 Oct 2016 << 4:30-5:30												
Base Vol:	0	236	49	137	301	0	164	1451	483	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	236	49	137	301	0	164	1451	483	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	236	49	137	301	0	164	1451	483	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	236	49	137	301	0	164	1451	483	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	236	49	137	301	0	164	1451	483	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	236	49	137	301	0	164	1451	483	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.32	2.68	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	569	5031	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.06	0.03	0.08	0.08	0.00	0.29	0.29	0.28	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	14.6	14.6	18.4	33.1	0.0	67.9	67.9	67.9	0.0	0.0	0.0
Volume/Cap:	0.00	0.47	0.21	0.47	0.26	0.00	0.47	0.47	0.45	0.00	0.00	0.00
Delay/Veh:	0.0	44.8	43.0	42.5	29.3	0.0	11.4	11.4	11.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	44.8	43.0	42.5	29.3	0.0	11.4	11.4	11.4	0.0	0.0	0.0
LOS by Move:	A	D	D	D	C	A	B+	B+	B+	A	A	A
HCM2kAvgQ:	0	4	2	4	4	0	10	10	9	0	0	0

Note: Queue reported is the number of cars per lane.

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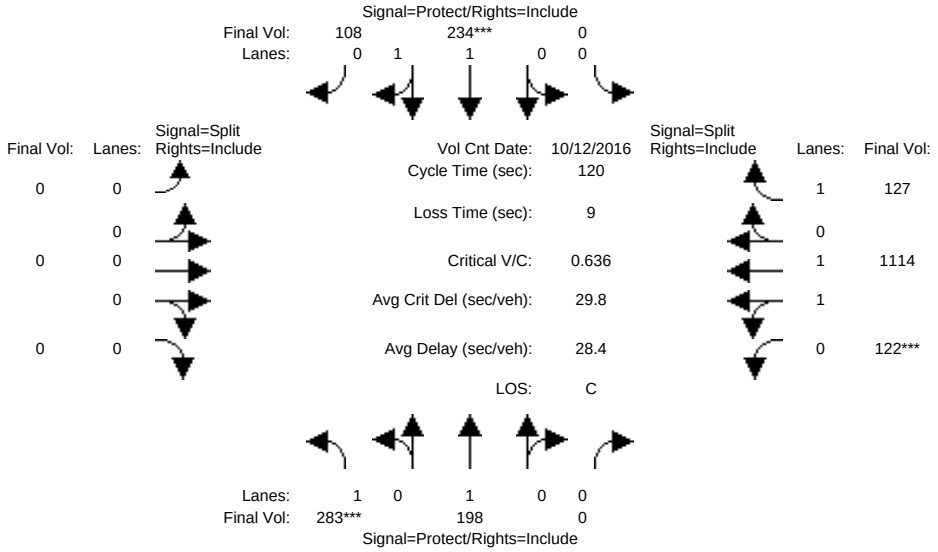
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 12 Oct 2016 << 7:00-8:00												
Base Vol:	283	198	0	0	234	108	0	0	0	122	1114	127
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	283	198	0	0	234	108	0	0	0	122	1114	127
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	283	198	0	0	234	108	0	0	0	122	1114	127
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	283	198	0	0	234	108	0	0	0	122	1114	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	283	198	0	0	234	108	0	0	0	122	1114	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	283	198	0	0	234	108	0	0	0	122	1114	127
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.35	0.65	0.00	0.00	0.00	0.20	1.80	1.00
Final Sat.:	1750	1900	0	0	2531	1168	0	0	0	365	3335	1750
Capacity Analysis Module:												
Vol/Sat:	0.16	0.10	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.33	0.33	0.07
Crit Moves:	****				****					****		
Green Time:	30.5	48.0	0.0	0.0	17.4	17.4	0.0	0.0	0.0	63.0	63.0	63.0
Volume/Cap:	0.64	0.26	0.00	0.00	0.64	0.64	0.00	0.00	0.00	0.64	0.64	0.14
Delay/Veh:	42.8	24.3	0.0	0.0	50.8	50.8	0.0	0.0	0.0	21.0	21.0	14.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.8	24.3	0.0	0.0	50.8	50.8	0.0	0.0	0.0	21.0	21.0	14.6
LOS by Move:	D	C	A	A	D	D	A	A	A	C+	C+	B
HCM2kAvgQ:	10	5	0	0	7	7	0	0	0	17	17	3

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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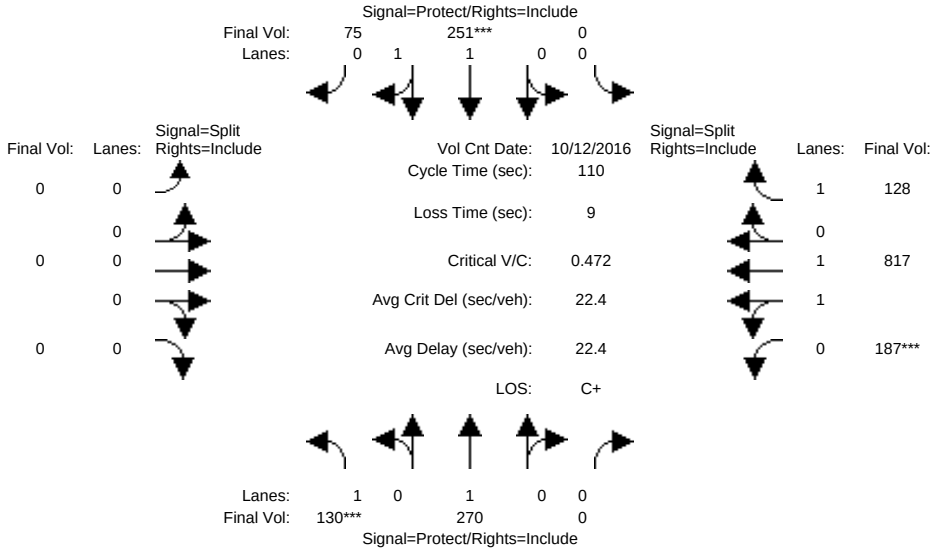
Existing PM

Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 12 Oct 2016 << 5:00-6:01												
Base Vol:	130	270	0	0	251	75	0	0	0	187	817	128
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	270	0	0	251	75	0	0	0	187	817	128
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	270	0	0	251	75	0	0	0	187	817	128
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	130	270	0	0	251	75	0	0	0	187	817	128
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	270	0	0	251	75	0	0	0	187	817	128
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	130	270	0	0	251	75	0	0	0	187	817	128
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.53	0.47	0.00	0.00	0.00	0.38	1.62	1.00
Final Sat.:	1750	1900	0	0	2848	851	0	0	0	689	3010	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.14	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.27	0.27	0.07
Crit Moves:	****				****					****		
Green Time:	17.3	37.8	0.0	0.0	20.5	20.5	0.0	0.0	0.0	63.2	63.2	63.2
Volume/Cap:	0.47	0.41	0.00	0.00	0.47	0.47	0.00	0.00	0.00	0.47	0.47	0.13
Delay/Veh:	43.5	28.0	0.0	0.0	40.4	40.4	0.0	0.0	0.0	13.8	13.8	10.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.5	28.0	0.0	0.0	40.4	40.4	0.0	0.0	0.0	13.8	13.8	10.8
LOS by Move:	D	C	A	A	D	D	A	A	A	B	B	B+
HCM2kAvgQ:	4	7	0	0	5	5	0	0	0	10	10	2

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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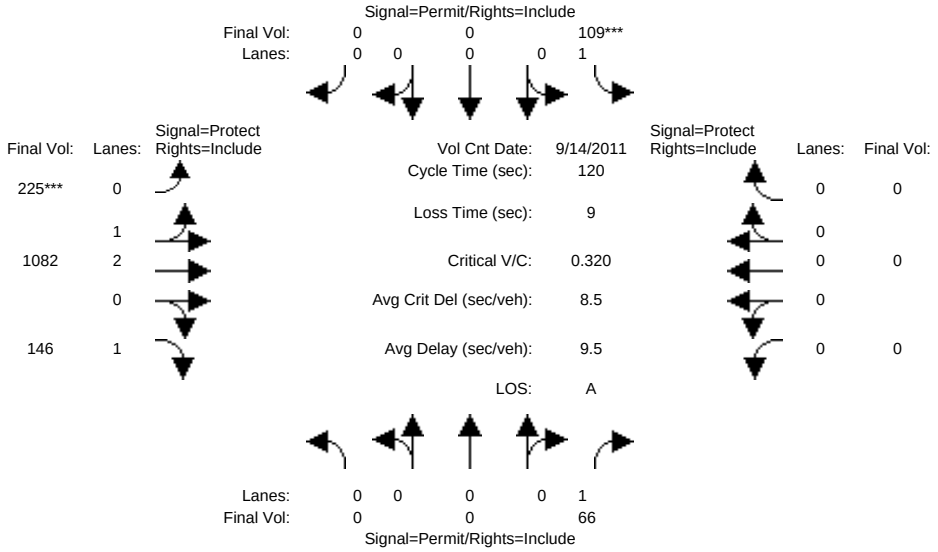
Existing AM

Intersection #3944: LELAND/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	0	10	10	0	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 14 Sep 2011 << 7:45-8:45												
Base Vol:	0	0	66	109	0	0	225	1082	146	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	66	109	0	0	225	1082	146	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	66	109	0	0	225	1082	146	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	66	109	0	0	225	1082	146	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	66	109	0	0	225	1082	146	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	66	109	0	0	225	1082	146	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	1.00	1.00	0.00	0.00	0.54	2.46	1.00	0.00	0.00	0.00
Final Sat.:	0	0	1750	1750	0	0	964	4635	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.04	0.06	0.00	0.00	0.23	0.23	0.08	0.00	0.00	0.00
Crit Moves:				****			****					
Green Time:	0.0	0.0	23.4	23.4	0.0	0.0	87.6	87.6	87.6	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.19	0.32	0.00	0.00	0.32	0.32	0.11	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	40.7	42.0	0.0	0.0	5.7	5.7	4.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	40.7	42.0	0.0	0.0	5.7	5.7	4.8	0.0	0.0	0.0
LOS by Move:	A	A	D	D	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	2	4	0	0	6	6	2	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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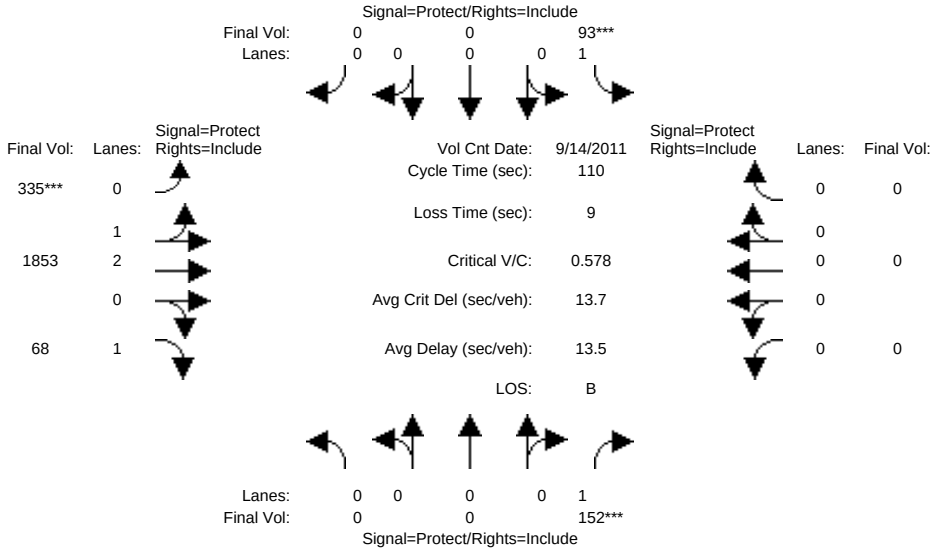
Intersection #3944: LELAND/MOORPARK



Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	0	0	10		10	0	0		10	10	10		0	0	0	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	
Volume Module: >> Count Date: 14 Sep 2011 << 4:30-5:30																
Base Vol:	0	0	152		93	0	0		335	1853	68		0	0	0	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	0	0	152		93	0	0		335	1853	68		0	0	0	
Added Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
PasserByVol:	0	0	0		0	0	0		0	0	0		0	0	0	
Initial Fut:	0	0	152		93	0	0		335	1853	68		0	0	0	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	0	0	152		93	0	0		335	1853	68		0	0	0	
Reduct Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
Reduced Vol:	0	0	152		93	0	0		335	1853	68		0	0	0	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	0	0	152		93	0	0		335	1853	68		0	0	0	
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900	
Adjustment:	0.92	1.00	0.92		0.92	1.00	0.92		0.95	0.99	0.92		0.92	1.00	0.92	
Lanes:	0.00	0.00	1.00		1.00	0.00	0.00		0.48	2.52	1.00		0.00	0.00	0.00	
Final Sat.:	0	0	1750		1750	0	0		857	4741	1750		0	0	0	
Capacity Analysis Module:																
Vol/Sat:	0.00	0.00	0.09		0.05	0.00	0.00		0.39	0.39	0.04		0.00	0.00	0.00	
Crit Moves:			****		****				****							
Green Time:	0.0	0.0	16.5		10.1	0.0	0.0		74.4	74.4	74.4		0.0	0.0	0.0	
Volume/Cap:	0.00	0.00	0.58		0.58	0.00	0.00		0.58	0.58	0.06		0.00	0.00	0.00	
Delay/Veh:	0.0	0.0	46.7		53.0	0.0	0.0		9.7	9.7	6.0		0.0	0.0	0.0	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	0.0	0.0	46.7		53.0	0.0	0.0		9.7	9.7	6.0		0.0	0.0	0.0	
LOS by Move:	A	A	D		D-	A	A		A	A	A		A	A	A	
HCM2kAvgQ:	0	0	6		3	0	0		13	13	1		0	0	0	

Note: Queue reported is the number of cars per lane.

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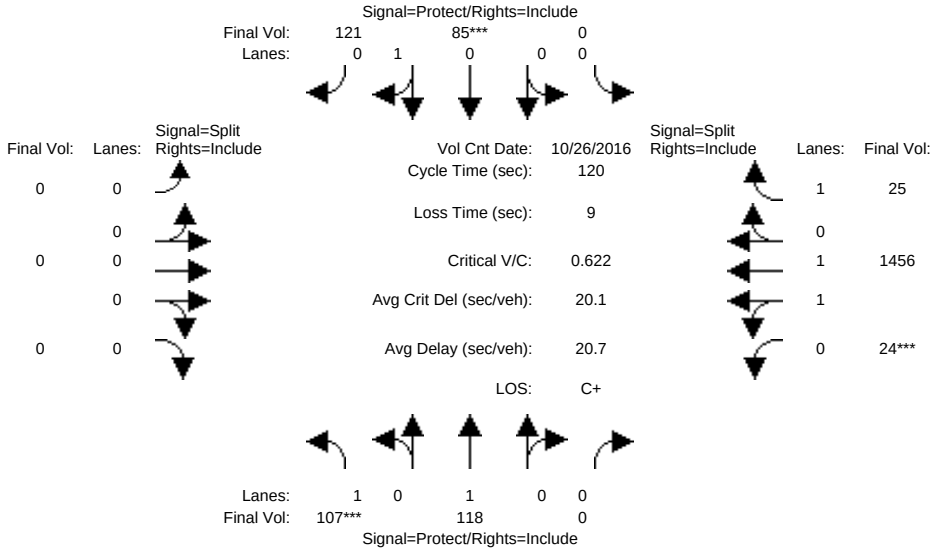
Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 26 Oct 2016 << 7:15-8:15												
Base Vol:	107	118	0	0	85	121	0	0	0	24	1456	25
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	107	118	0	0	85	121	0	0	0	24	1456	25
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	107	118	0	0	85	121	0	0	0	24	1456	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	107	118	0	0	85	121	0	0	0	24	1456	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	107	118	0	0	85	121	0	0	0	24	1456	25
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	107	118	0	0	85	121	0	0	0	24	1456	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.97	0.92
Lanes:	1.00	1.00	0.00	0.00	0.41	0.59	0.00	0.00	0.00	0.03	1.97	1.00
Final Sat.:	1750	1900	0	0	743	1057	0	0	0	60	3640	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.00	0.00	0.11	0.11	0.00	0.00	0.00	0.40	0.40	0.01
Crit Moves:	****				****					****		
Green Time:	11.8	33.9	0.0	0.0	22.1	22.1	0.0	0.0	0.0	77.1	77.1	77.1
Volume/Cap:	0.62	0.22	0.00	0.00	0.62	0.62	0.00	0.00	0.00	0.62	0.62	0.02
Delay/Veh:	58.9	33.2	0.0	0.0	48.8	48.8	0.0	0.0	0.0	13.3	13.3	7.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	58.9	33.2	0.0	0.0	48.8	48.8	0.0	0.0	0.0	13.3	13.3	7.8
LOS by Move:	E+	C-	A	A	D	D	A	A	A	B	B	A
HCM2kAvgQ:	4	3	0	0	8	8	0	0	0	16	16	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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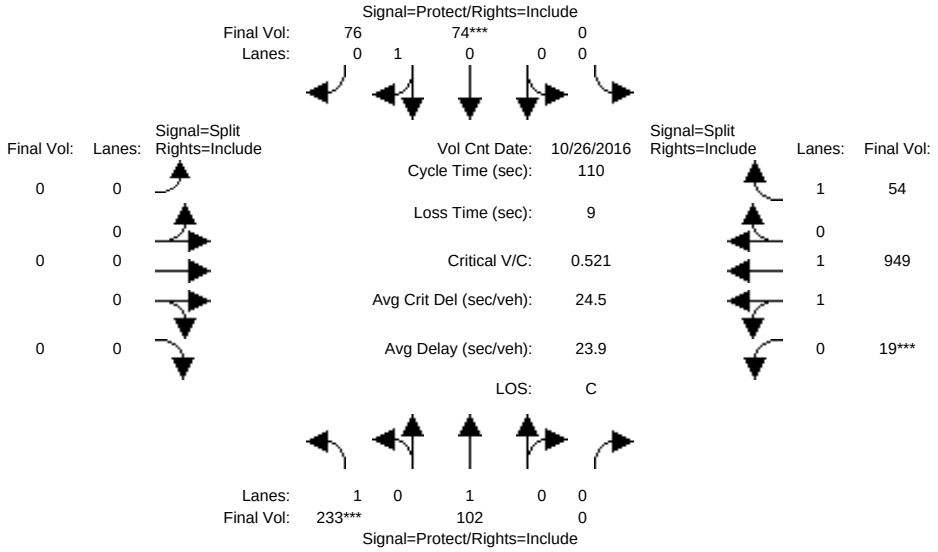
Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 26 Oct 2016 << 5:00-6:00												
Base Vol:	233	102	0	0	74	76	0	0	0	19	949	54
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	233	102	0	0	74	76	0	0	0	19	949	54
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	233	102	0	0	74	76	0	0	0	19	949	54
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	233	102	0	0	74	76	0	0	0	19	949	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	233	102	0	0	74	76	0	0	0	19	949	54
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	233	102	0	0	74	76	0	0	0	19	949	54
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.97	0.92
Lanes:	1.00	1.00	0.00	0.00	0.49	0.51	0.00	0.00	0.00	0.04	1.96	1.00
Final Sat.:	1750	1900	0	0	888	912	0	0	0	73	3627	1750
Capacity Analysis Module:												
Vol/Sat:	0.13	0.05	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.26	0.26	0.03
Crit Moves:	****				****					****		
Green Time:	28.1	45.7	0.0	0.0	17.6	17.6	0.0	0.0	0.0	55.3	55.3	55.3
Volume/Cap:	0.52	0.13	0.00	0.00	0.52	0.52	0.00	0.00	0.00	0.52	0.52	0.06
Delay/Veh:	36.2	19.9	0.0	0.0	44.0	44.0	0.0	0.0	0.0	18.7	18.7	14.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.2	19.9	0.0	0.0	44.0	44.0	0.0	0.0	0.0	18.7	18.7	14.1
LOS by Move:	D+	B-	A	A	D	D	A	A	A	B-	B-	B
HCM2kAvgQ:	7	2	0	0	5	5	0	0	0	11	11	1

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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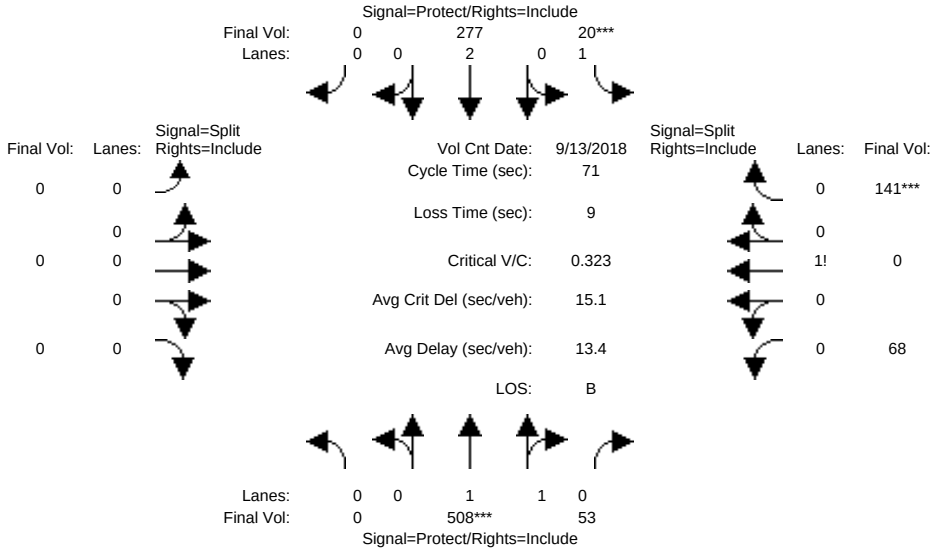
Intersection #4101: LEIGH/KINGMAN




```
Street Name:              LEIGH                           KINGMAN
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10    10     7   10    10     7   10    10     7   10    10
Y+R:          4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0   4.0  4.0   4.0
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 13 Sep 2018 << 7:30-8:30AM
Base Vol:       0  508    53    20  277     0     0    0     0    68    0   141
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  508    53    20  277     0     0    0     0    68    0   141
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  508    53    20  277     0     0    0     0    68    0   141
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  508    53    20  277     0     0    0     0    68    0   141
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    0  508    53    20  277     0     0    0     0    68    0   141
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    0  508    53    20  277     0     0    0     0    68    0   141
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 0.98  0.95  0.92 1.00  0.92  0.92 1.00  0.92  0.92 0.92  0.92
Lanes:       0.00 1.81  0.19  1.00 2.00  0.00  0.00 0.00  0.00  0.33 0.00  0.67
Final Sat.:     0 3350   350  1750 3800     0     0    0     0   569    0  1181
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.15  0.15  0.01 0.07  0.00  0.00 0.00  0.00  0.12 0.00  0.12
Crit Moves:       ****        ****                                        ****
Green Time:   0.0 30.8  30.8   7.0 37.8   0.0   0.0  0.0   0.0  24.2  0.0  24.2
Volume/Cap:  0.00 0.35  0.35  0.12 0.14  0.00  0.00 0.00  0.00  0.35 0.00  0.35
Delay/Veh:    0.0 13.6  13.6  29.5  8.4   0.0   0.0  0.0   0.0  17.8  0.0  17.8
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:   0.0 13.6  13.6  29.5  8.4   0.0   0.0  0.0   0.0  17.8  0.0  17.8
LOS by Move:    A    B     B     C    A     A     A    A     A     B    A     B
HCM2kAvgQ:      0    4     4     0    1     0     0    0     0     4    0     4
Note: Queue reported is the number of cars per lane.
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Level Of Service Computation Report
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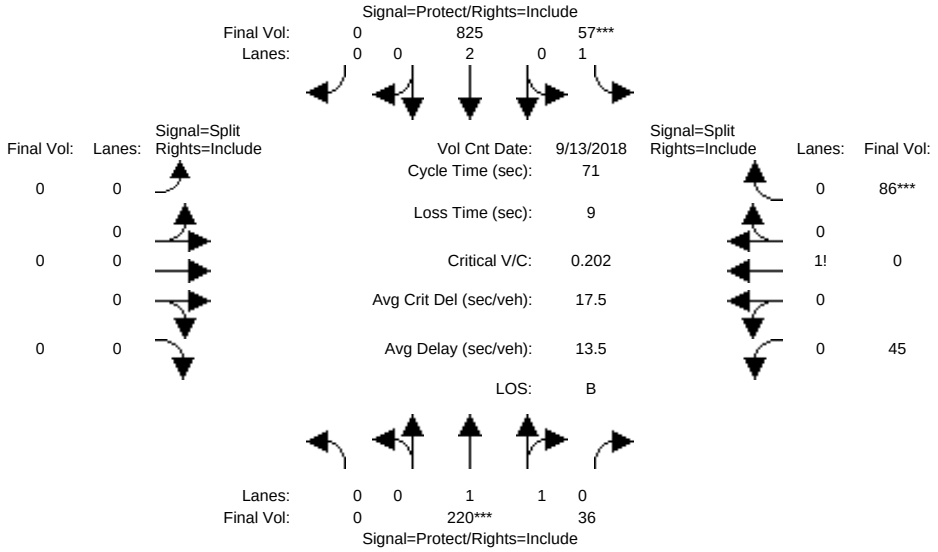
Intersection #4101: LEIGH/KINGMAN



Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 13 Sep 2018 << 4:55-5:55PM												
Base Vol:	0	220	36	57	825	0	0	0	0	45	0	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	220	36	57	825	0	0	0	0	45	0	86
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	220	36	57	825	0	0	0	0	45	0	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	220	36	57	825	0	0	0	0	45	0	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	220	36	57	825	0	0	0	0	45	0	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	220	36	57	825	0	0	0	0	45	0	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.92	0.92
Lanes:	0.00	1.71	0.29	1.00	2.00	0.00	0.00	0.00	0.00	0.34	0.00	0.66
Final Sat.:	0	3179	520	1750	3800	0	0	0	0	601	0	1149
Capacity Analysis Module:												
Vol/Sat:	0.00	0.07	0.07	0.03	0.22	0.00	0.00	0.00	0.00	0.07	0.00	0.07
Crit Moves:		****		****								****
Green Time:	0.0	24.3	24.3	11.4	35.7	0.0	0.0	0.0	0.0	26.3	0.0	26.3
Volume/Cap:	0.00	0.20	0.20	0.20	0.43	0.00	0.00	0.00	0.00	0.20	0.00	0.20
Delay/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
LOS by Move:	A	B	B	C	B+	A	A	A	A	B	A	B
HCM2kAvgQ:	0	2	2	1	6	0	0	0	0	2	0	2

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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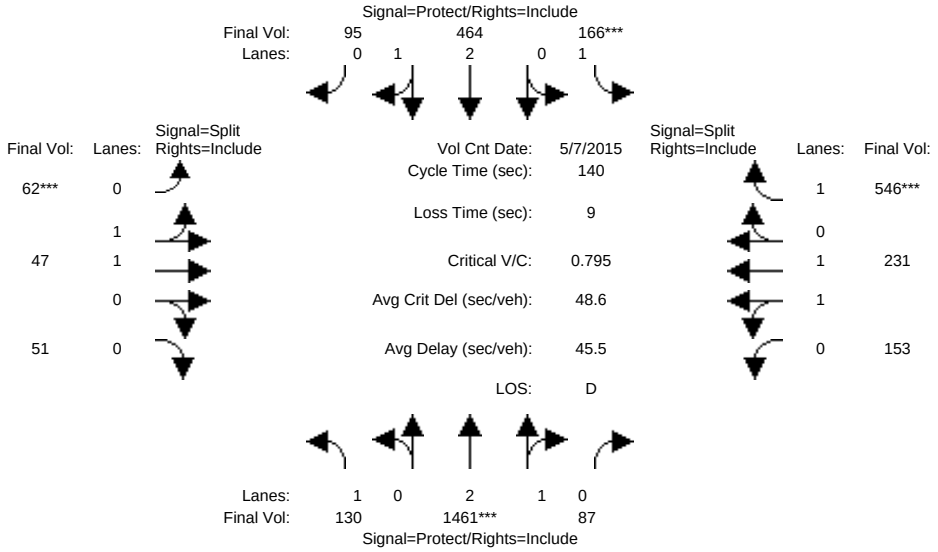
Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 7 May 2015 << 7:30-8:30												
Base Vol:	130	1461	87	166	464	95	62	47	51	153	231	546
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	1461	87	166	464	95	62	47	51	153	231	546
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	1461	87	166	464	95	62	47	51	153	231	546
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	130	1461	87	166	464	95	62	47	51	153	231	546
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	1461	87	166	464	95	62	47	51	153	231	546
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	130	1461	87	166	464	95	62	47	51	153	231	546
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.49	0.95	0.95	0.60	0.99	0.92
Lanes:	1.00	2.83	0.17	1.00	2.47	0.53	1.10	0.43	0.47	1.00	1.00	1.00
Final Sat.:	1750	5285	315	1750	4647	951	1021	774	840	1131	1883	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.28	0.28	0.09	0.10	0.10	0.06	0.06	0.06	0.14	0.12	0.31
Crit Moves:		****		****			****					****
Green Time:	27.9	48.7	48.7	16.7	37.5	37.5	10.7	10.7	10.7	54.9	54.9	54.9
Volume/Cap:	0.37	0.80	0.80	0.80	0.37	0.37	0.80	0.80	0.80	0.34	0.31	0.80
Delay/Veh:	49.2	43.5	43.5	78.7	41.9	41.9	82.9	82.9	82.9	30.1	29.6	44.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.2	43.5	43.5	78.7	41.9	41.9	82.9	82.9	82.9	30.1	29.6	44.0
LOS by Move:	D	D	D	E-	D	D	F	F	F	C	C	D
HCM2kAvgQ:	5	22	22	8	6	6	4	7	7	5	7	23

Note: Queue reported is the number of cars per lane.

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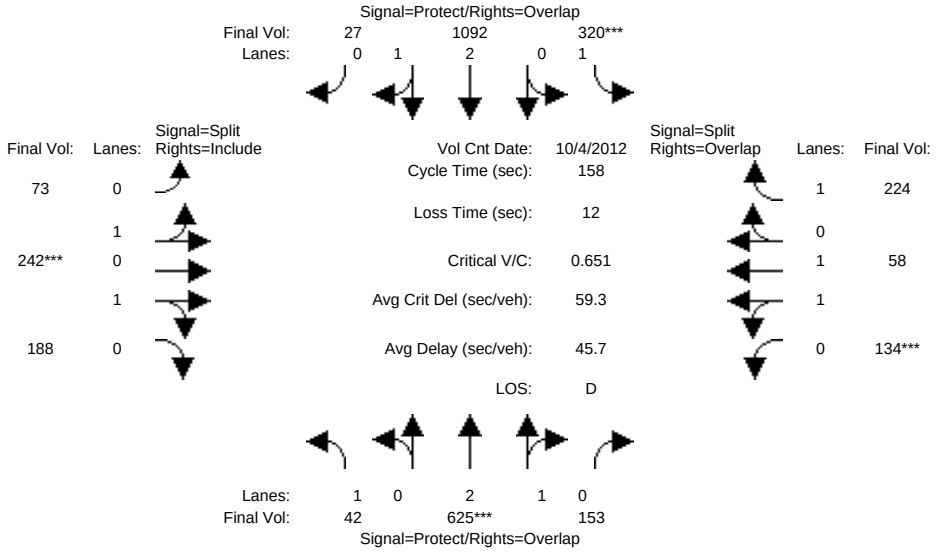
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	8	45	45	35	72	72	27	32	32	36	31	31
Y+R:	5.1	5.1	5.1	5.0	5.1	5.1	5.4	5.4	5.4	5.2	5.2	5.2
Volume Module: >> Count Date: 4 Oct 2012 << 5:00-6:00												
Base Vol:	42	625	153	320	1092	27	73	242	188	134	58	224
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	625	153	320	1092	27	73	242	188	134	58	224
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	625	153	320	1092	27	73	242	188	134	58	224
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	625	153	320	1092	27	73	242	188	134	58	224
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	625	153	320	1092	27	73	242	188	134	58	224
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	625	153	320	1092	27	73	242	188	134	58	224
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.49	0.95	0.95	0.58	1.00	0.92
Lanes:	1.00	2.39	0.61	1.00	2.92	0.08	0.50	0.84	0.66	1.00	1.00	1.00
Final Sat.:	1750	4497	1101	1750	5465	135	459	1523	1183	1100	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.14	0.18	0.20	0.20	0.16	0.16	0.16	0.12	0.03	0.13
Crit Moves:		****		****				****		****		
Green Time:	7.9	44.4	80.0	34.6	71.1	102.7	31.6	31.6	31.6	35.6	35.6	70.1
Volume/Cap:	0.48	0.49	0.27	0.84	0.44	0.31	0.79	0.79	0.79	0.54	0.14	0.29
Delay/Veh:	78.1	48.2	22.7	74.5	30.4	12.3	67.7	67.7	67.7	56.4	49.6	28.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.1	48.2	22.7	74.5	30.4	12.3	67.7	67.7	67.7	56.4	49.6	28.6
LOS by Move:	E-	D	C+	E	C	B	E	E	E	E+	D	C
HCM2kAvgQ:	3	11	7	17	12	8	9	16	16	6	2	7

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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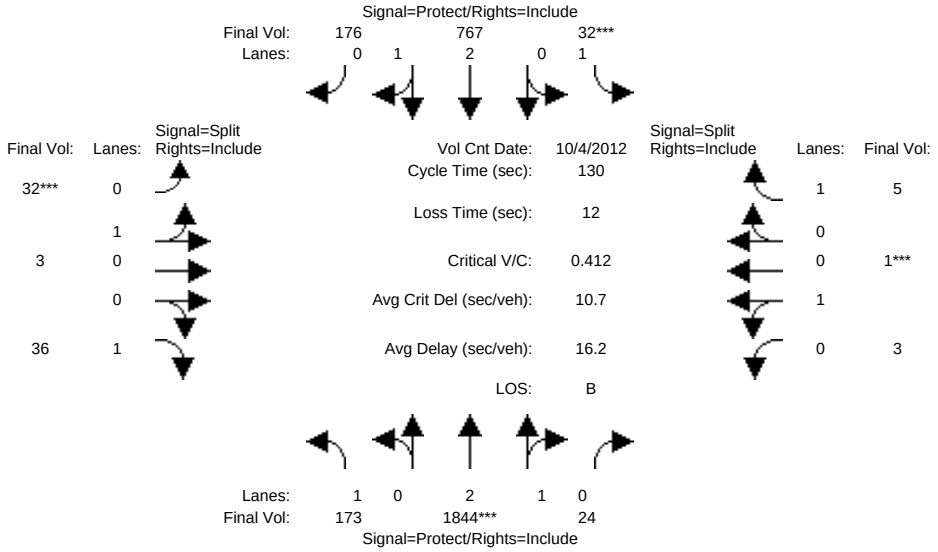
Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 4 Oct 2012 << 7:30-8:30												
Base Vol:	173	1844	24	32	767	176	32	3	36	3	1	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	173	1844	24	32	767	176	32	3	36	3	1	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	173	1844	24	32	767	176	32	3	36	3	1	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	173	1844	24	32	767	176	32	3	36	3	1	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	173	1844	24	32	767	176	32	3	36	3	1	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	173	1844	24	32	767	176	32	3	36	3	1	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.96	0.04	1.00	2.42	0.58	0.91	0.09	1.00	0.75	0.25	1.00
Final Sat.:	1750	5528	72	1750	4553	1045	1646	154	1750	1350	450	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.33	0.33	0.02	0.17	0.17	0.02	0.02	0.02	0.00	0.00	0.00
Crit Moves:		****		****			****				****	
Green Time:	36.2	91.0	91.0	7.0	61.8	61.8	10.0	10.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.35	0.48	0.48	0.34	0.35	0.35	0.25	0.25	0.27	0.03	0.03	0.04
Delay/Veh:	38.0	8.9	8.9	61.4	21.6	21.6	57.4	57.4	57.6	55.6	55.6	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.0	8.9	8.9	61.4	21.6	21.6	57.4	57.4	57.6	55.6	55.6	55.7
LOS by Move:	D+	A	A	E	C+	C+	E+	E+	E+	E+	E+	E+
HCM2kAvgQ:	6	11	11	1	8	8	2	2	2	0	0	0

Note: Queue reported is the number of cars per lane.

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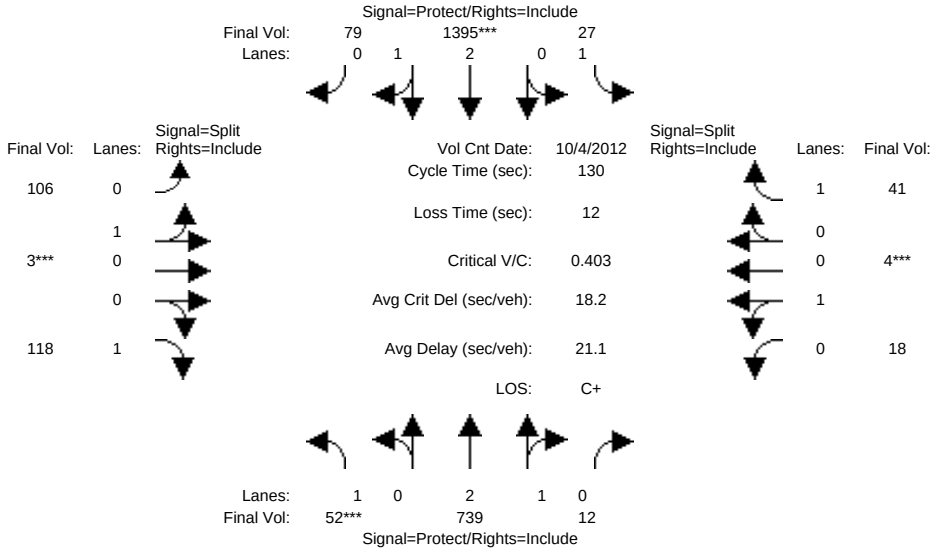
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 4 Oct 2012 << 5:00-6:00												
Base Vol:	52	739	12	27	1395	79	106	3	118	18	4	41
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	739	12	27	1395	79	106	3	118	18	4	41
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	739	12	27	1395	79	106	3	118	18	4	41
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	739	12	27	1395	79	106	3	118	18	4	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	739	12	27	1395	79	106	3	118	18	4	41
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	52	739	12	27	1395	79	106	3	118	18	4	41
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.95	0.05	1.00	2.83	0.17	0.97	0.03	1.00	0.82	0.18	1.00
Final Sat.:	1750	5510	89	1750	5299	300	1750	50	1750	1473	327	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.13	0.13	0.02	0.26	0.26	0.06	0.06	0.07	0.01	0.01	0.02
Crit Moves:	****				****			****			****	
Green Time:	8.9	62.6	62.6	25.2	78.9	78.9	20.2	20.2	20.2	10.0	10.0	10.0
Volume/Cap:	0.43	0.28	0.28	0.08	0.43	0.43	0.39	0.39	0.43	0.16	0.16	0.30
Delay/Veh:	60.6	20.2	20.2	43.0	13.7	13.7	50.3	50.3	50.8	56.6	56.6	58.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.6	20.2	20.2	43.0	13.7	13.7	50.3	50.3	50.8	56.6	56.6	58.0
LOS by Move:	E	C+	C+	D	B	B	D	D	D	E+	E+	E+
HCM2kAvgQ:	2	6	6	1	10	10	4	4	5	1	1	2

Note: Queue reported is the number of cars per lane.

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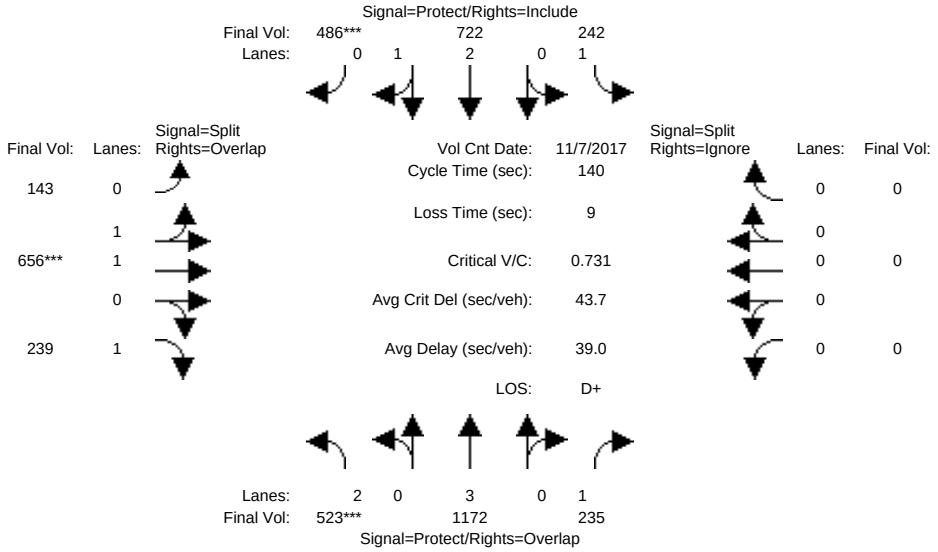
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 7 Nov 2017 << 7:45-8:45												
Base Vol:	523	1172	235	242	722	486	143	656	239	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	523	1172	235	242	722	486	143	656	239	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	523	1172	235	242	722	486	143	656	239	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	523	1172	235	242	722	486	143	656	239	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	523	1172	235	242	722	486	143	656	239	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	523	1172	235	242	722	486	143	656	239	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.95	0.86	0.92	0.92	1.00	0.92
Lanes:	2.00	3.00	1.00	1.00	2.00	1.00	0.33	1.67	1.00	0.00	0.00	0.00
Final Sat.:	3150	5700	1750	1750	3800	1750	596	2733	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.17	0.21	0.13	0.14	0.19	0.28	0.24	0.24	0.14	0.00	0.00	0.00
Crit Moves:	****					****		****				
Green Time:	31.8	50.8	50.8	34.2	53.2	53.2	46.0	46.0	77.8	0.0	0.0	0.0
Volume/Cap:	0.73	0.57	0.37	0.57	0.50	0.73	0.73	0.73	0.25	0.00	0.00	0.00
Delay/Veh:	54.0	36.1	33.2	48.2	33.4	38.9	44.1	44.1	16.1	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.0	36.1	33.2	48.2	33.4	38.9	44.1	44.1	16.1	0.0	0.0	0.0
LOS by Move:	D-	D+	C-	D	C-	D+	D	D	B	A	A	A
HCM2kAvgQ:	13	13	8	9	11	19	17	15	5	0	0	0

Note: Queue reported is the number of cars per lane.

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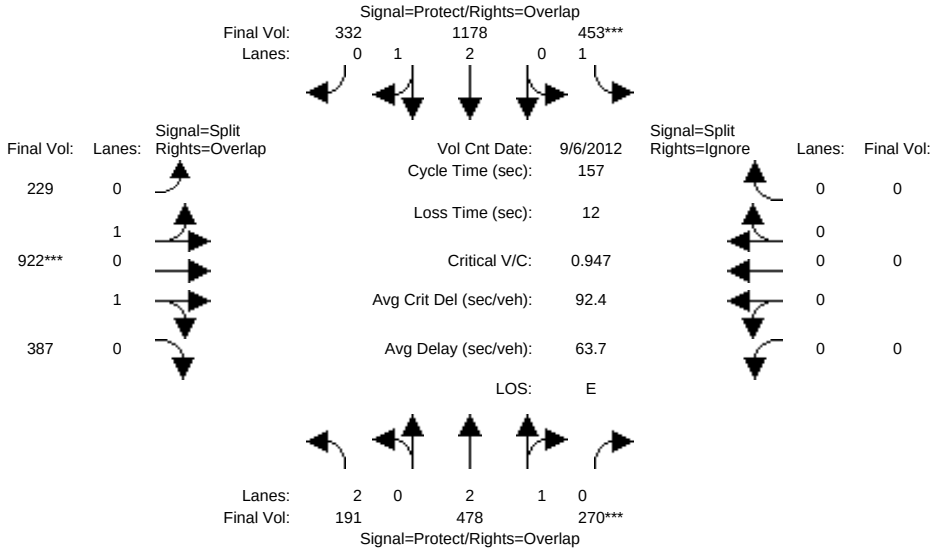
Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	16	35	35	47	66	66	65	65	65	0	0	0
Y+R:	4.8	5.1	5.1	4.6	5.1	5.1	5.6	5.6	5.6	0.0	0.0	0.0
Volume Module: >> Count Date: 6 Sep 2012 << 5:00-6:00												
Base Vol:	191	478	270	453	1178	332	229	922	387	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	191	478	270	453	1178	332	229	922	387	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	191	478	270	453	1178	332	229	922	387	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	191	478	270	453	1178	332	229	922	387	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	191	478	270	453	1178	332	229	922	387	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	191	478	270	453	1178	332	229	922	387	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.95	0.83	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	2.32	0.68	0.28	1.26	0.46	0.00	0.00	0.00
Final Sat.:	3150	3800	1750	1750	4367	1231	496	1995	837	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.15	0.26	0.27	0.27	0.46	0.46	0.46	0.00	0.00	0.00
Crit Moves:			****	****				****				
Green Time:	15.8	34.6	34.6	46.4	65.2	129.4	64.2	64.2	80.0	0.0	0.0	0.0
Volume/Cap:	0.60	0.57	0.70	0.88	0.65	0.33	1.13	1.13	0.91	0.00	0.00	0.00
Delay/Veh:	71.7	55.9	59.3	68.6	37.9	3.4	115.5	116	43.1	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.7	55.9	59.3	68.6	37.9	3.4	115.5	116	43.1	0.0	0.0	0.0
LOS by Move:	E	E+	E+	E	D+	A	F	F	D	A	A	A
HCM2kAvgQ:	5	10	13	23	19	6	57	50	41	0	0	0

Note: Queue reported is the number of cars per lane.

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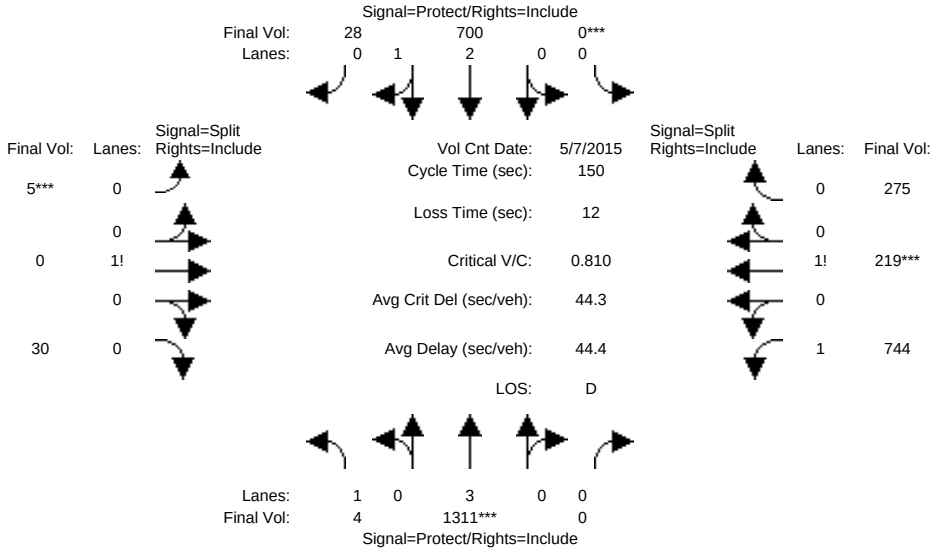
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module: >> Count Date: 7 May 2015 << 7:45-8:45												
Base Vol:	4	1311	0	0	700	28	5	0	30	744	219	275
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	1311	0	0	700	28	5	0	30	744	219	275
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	1311	0	0	700	28	5	0	30	744	219	275
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	1311	0	0	700	28	5	0	30	744	219	275
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	1311	0	0	700	28	5	0	30	744	219	275
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	1311	0	0	700	28	5	0	30	744	219	275
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	3.00	0.00	0.00	2.88	0.12	0.14	0.00	0.86	1.43	0.25	0.32
Final Sat.:	1750	5700	0	0	5384	215	250	0	1500	2502	443	556
Capacity Analysis Module:												
Vol/Sat:	0.00	0.23	0.00	0.00	0.13	0.13	0.02	0.00	0.02	0.30	0.49	0.49
Crit Moves:		****		****			****				****	
Green Time:	10.7	40.6	0.0	0.0	29.9	29.9	10.0	0.0	10.0	87.4	87.4	87.4
Volume/Cap:	0.03	0.85	0.00	0.00	0.65	0.65	0.30	0.00	0.30	0.51	0.85	0.85
Delay/Veh:	64.9	56.5	0.0	0.0	56.7	56.7	68.1	0.0	68.1	18.8	30.8	30.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	64.9	56.5	0.0	0.0	56.7	56.7	68.1	0.0	68.1	18.8	30.8	30.8
LOS by Move:	E	E+	A	A	E+	E+	E	A	E	B-	C	C
HCM2kAvgQ:	0	20	0	0	10	10	2	0	2	15	37	37

Note: Queue reported is the number of cars per lane.

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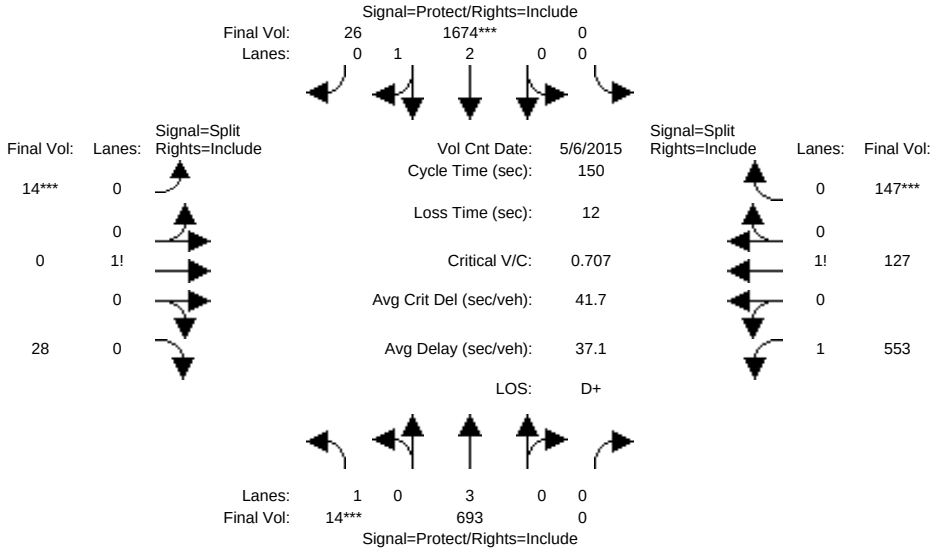
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Min. Green:	7	10		0	0	10		10	10		0	10	10	10		10
Y+R:	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0
Volume Module: >> Count Date: 6 May 2015 << 5:00-6:00																
Base Vol:	14	693		0	0	1674		26	14		0	28	553	127		147
Growth Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
Initial Bse:	14	693		0	0	1674		26	14		0	28	553	127		147
Added Vol:	0	0		0	0	0		0	0		0	0	0	0		0
PasserByVol:	0	0		0	0	0		0	0		0	0	0	0		0
Initial Fut:	14	693		0	0	1674		26	14		0	28	553	127		147
User Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Volume:	14	693		0	0	1674		26	14		0	28	553	127		147
Reduct Vol:	0	0		0	0	0		0	0		0	0	0	0		0
Reduced Vol:	14	693		0	0	1674		26	14		0	28	553	127		147
PCE Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
MLF Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
FinalVolume:	14	693		0	0	1674		26	14		0	28	553	127		147
Saturation Flow Module:																
Sat/Lane:	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900		1900
Adjustment:	0.92	1.00		0.92	0.92	0.98		0.95	0.92	0.92		0.92	0.92	0.92		0.92
Lanes:	1.00	3.00		0.00	0.00	2.95		0.05	0.33	0.00		0.67	1.50	0.23		0.27
Final Sat.:	1750	5700		0	0	5514		86	583		0	1167	2629	404		467
Capacity Analysis Module:																
Vol/Sat:	0.01	0.12		0.00	0.00	0.30		0.30	0.02	0.00		0.02	0.21	0.31		0.31
Crit Moves:	****					****			****							****
Green Time:	7.0	66.4		0.0	0.0	59.4		59.4	10.0		0.0	10.0	61.6	61.6		61.6
Volume/Cap:	0.17	0.27		0.00	0.00	0.77		0.77	0.36	0.00		0.36	0.51	0.77		0.77
Delay/Veh:	69.7	26.6		0.0	0.0	40.9		40.9	68.8		0.0	68.8	33.3	41.4		41.4
User DelAdj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
AdjDel/Veh:	69.7	26.6		0.0	0.0	40.9		40.9	68.8		0.0	68.8	33.3	41.4		41.4
LOS by Move:	E	C		A	A	D		D	E		A	E	C-	D		D
HCM2kAvgQ:	1	6		0	0	23		23	2		0	2	13	24		24

Note: Queue reported is the number of cars per lane.

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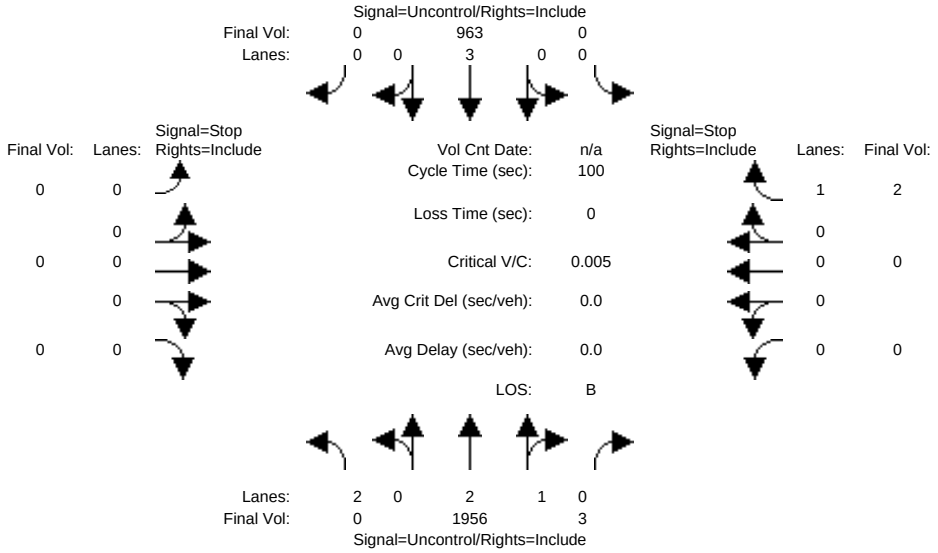
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #9: (A) Bascom Avenue & Lot A Driveway




```
Approach:       North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1956     3     0  963     0     0    0     0     0    0     2
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1956     3     0  963     0     0    0     0     0    0     2
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1956     3     0  963     0     0    0     0     0    0     2
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1956     3     0  963     0     0    0     0     0    0     2
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0 1956     3     0  963     0     0    0     0     0    0     2
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   6.9
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   654
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   414
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   414
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  0.00
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   0.0
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx  13.7
LOS by Move:    *    *     *     *    *     *     *    *     *     *    *     B
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             13.7
ApproachLOS:         *                *                *                B
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  0  0  1
Initial Vol:    0 1956     3     0  963     0     0    0     0     0    0     2
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             13.7
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=2]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2924]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  0  0  1
Initial Vol:    0 1956     3     0  963     0     0    0     0     0    0     2
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2922
Minor Approach Volume:           2
Minor Approach Volume Threshold: -85 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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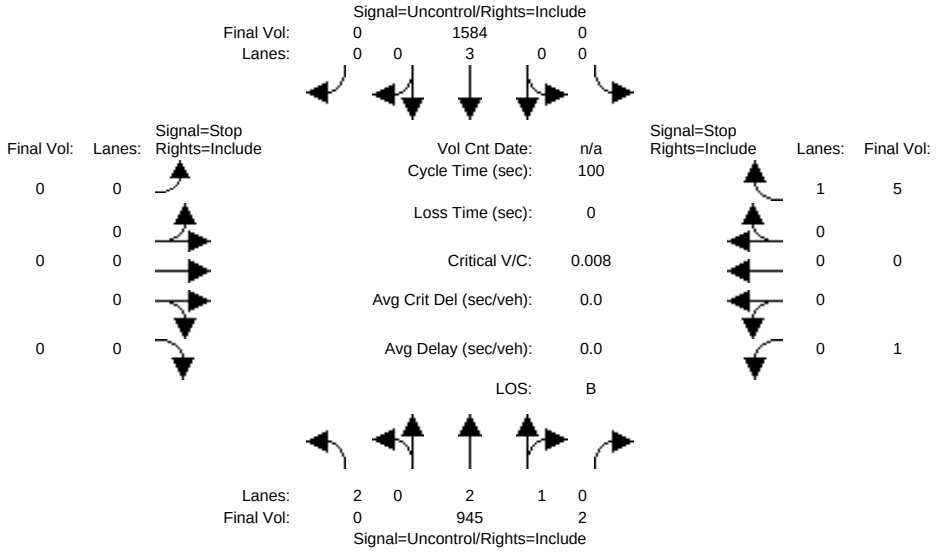
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #9: (A) Bascom Avenue & Lot A Driveway




```
Approach:       North Bound      South Bound       East Bound       West Bound
Movement:      L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  945     2     0 1584     0     0    0     0     1    0     5
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  945     2     0 1584     0     0    0     0     1    0     5
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  945     2     0 1584     0     0    0     0     1    0     5
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  945     2     0 1584     0     0    0     0     1    0     5
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  945     2     0 1584     0     0    0     0     1    0     5
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1474 2530   316
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   120   28   686
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   120   28   686
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.01 0.00  0.01
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx  383 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  0.0 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 14.5 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    B     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             14.5
ApproachLOS:         *                *                *                B
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  945     2     0 1584     0     0    0     0     1    0     5
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             14.5
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=6]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2537]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  945     2     0 1584     0     0    0     0     1    0     5
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2531
Minor Approach Volume:           6
Minor Approach Volume Threshold: -35 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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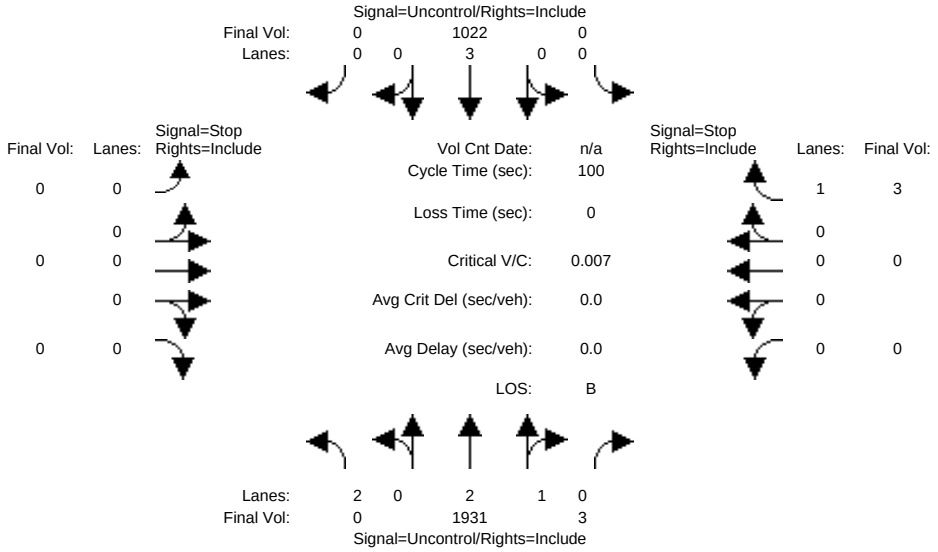
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #9: (A) Bascom Avenue & Lot A Driveway




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1910     3     0  961     0     0    0     0     0    0     2
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1910     3     0  961     0     0    0     0     0    0     2
Added Vol:      0   21     0     0   61     0     0    0     0     0    0     1
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1931     3     0 1022     0     0    0     0     0    0     3
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1931     3     0 1022     0     0    0     0     0    0     3
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0 1931     3     0 1022     0     0    0     0     0    0     3
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   6.9
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   645
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   420
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   420
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  0.01
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   0.0
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx  13.6
LOS by Move:    *    *     *     *    *     *     *    *     *     *    *     B
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             13.6
ApproachLOS:         *                *                *                B
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  0  0  1
Initial Vol:    0 1931     3     0 1022     0     0    0     0     0    0     3
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             13.6
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=3]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2959]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  0  0  1
Initial Vol:    0 1931     3     0 1022     0     0    0     0     0    0     3
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2956
Minor Approach Volume:           3
Minor Approach Volume Threshold: -89 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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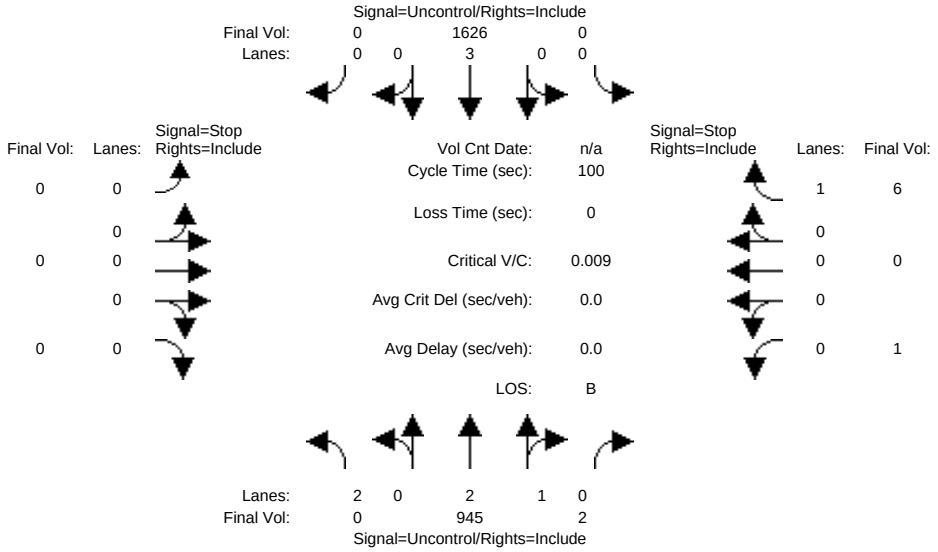
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #9: (A) Bascom Avenue & Lot A Driveway




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  907     2     0 1584     0     0    0     0     1    0     5
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  907     2     0 1584     0     0    0     0     1    0     5
Added Vol:      0   38     0     0   42     0     0    0     0     0    0     1
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  945     2     0 1626     0     0    0     0     1    0     6
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  945     2     0 1626     0     0    0     0     1    0     6
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  945     2     0 1626     0     0    0     0     1    0     6
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  1488 2572   316
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   117   26   686
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   117   26   686
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx  0.01 0.00  0.01
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx  405 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  0.1 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 14.0 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    B     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             14.0
ApproachLOS:         *                *                *                B
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  945     2     0 1626     0     0    0     0     1    0     6
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             14.0
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=7]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2580]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #9 (A) Bascom Avenue & Lot A Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        2  0  2  1  0    0  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  945     2     0 1626     0     0    0     0     1    0     6
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2573
Minor Approach Volume:           7
Minor Approach Volume Threshold: -41 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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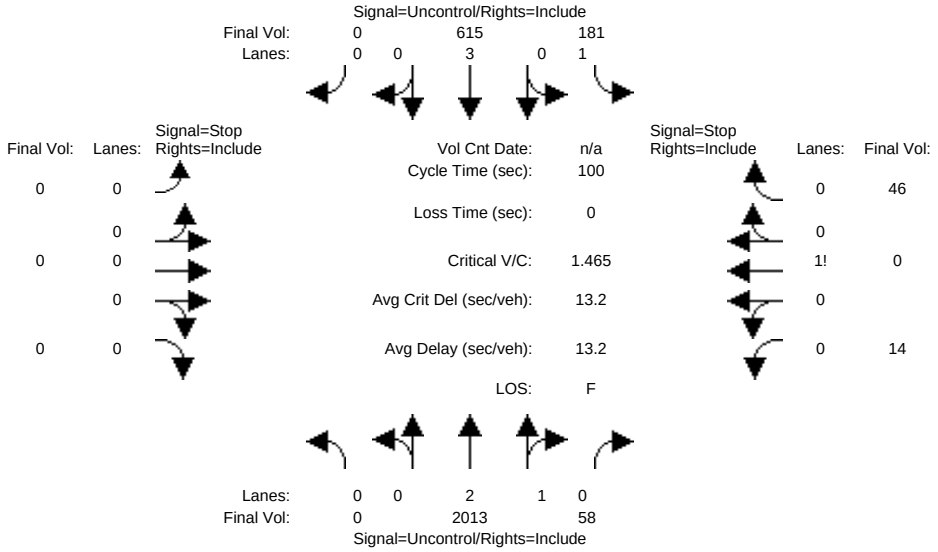
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #10: (B) Bascom Avenue & Kingman Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 2013    58   181  615     0     0    0     0    14    0    46
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 2013    58   181  615     0     0    0     0    14    0    46
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 2013    58   181  615     0     0    0     0    14    0    46
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 2013    58   181  615     0     0    0     0    14    0    46
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0 2013    58   181  615     0     0    0     0    14    0    46
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx   2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  2071 xxxx xxxxx  xxxx xxxx xxxxx  2609 3019   700
Potent Cap.: xxxx xxxx xxxxx   273 xxxx xxxxx  xxxx xxxx xxxxx    21   13   386
Move Cap.:   xxxx xxxx xxxxx   273 xxxx xxxxx  xxxx xxxx xxxxx    10    5   386
Volume/Cap:  xxxx xxxx  xxxx  0.66 xxxx  xxxx  xxxx xxxx  xxxx  1.47 0.00  0.12
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx   4.3 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx  40.9 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     E    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx   38 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  6.3 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  523 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    F     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx            523.1
ApproachLOS:         *                *                *                F
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0 2013    58   181  615     0     0    0     0    14    0    46
ApproachDel:    xxxxxx           xxxxxx           xxxxxx            523.1
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=8.7]
   SUCCEED - Vehicle-hours greater than or equal to 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=60]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2927]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0 2013    58   181  615     0     0    0     0    14    0    46
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2867
Minor Approach Volume:           60
Minor Approach Volume Threshold: -78 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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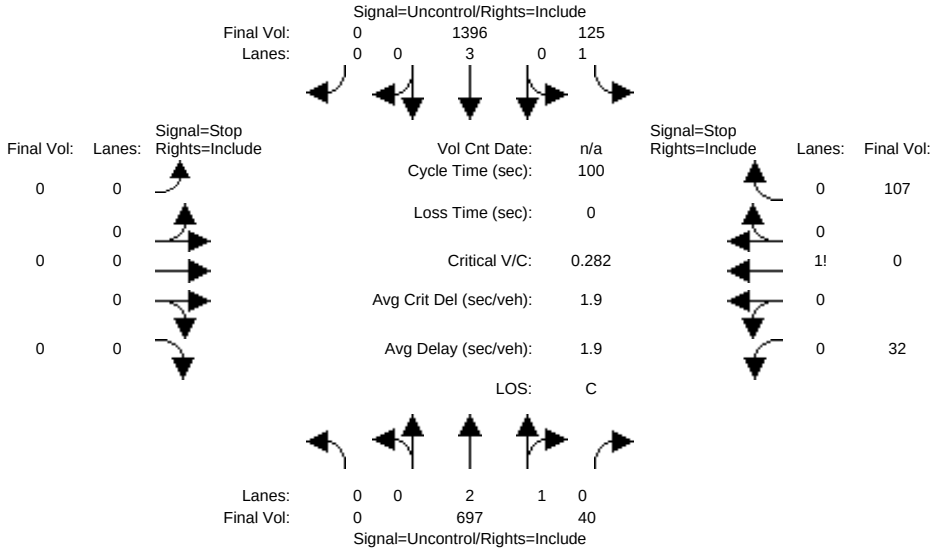
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #10: (B) Bascom Avenue & Kingman Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  697    40   125 1396     0     0    0     0    32    0   107
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  697    40   125 1396     0     0    0     0    32    0   107
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  697    40   125 1396     0     0    0     0    32    0   107
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  697    40   125 1396     0     0    0     0    32    0   107
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  697    40   125 1396     0     0    0     0    32    0   107
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx   2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx   737 xxxx xxxxx  xxxx xxxx xxxxx  1432 2363   252
Potent Cap.: xxxx xxxx xxxxx   878 xxxx xxxxx  xxxx xxxx xxxxx   127   36   753
Move Cap.:   xxxx xxxx xxxxx   878 xxxx xxxxx  xxxx xxxx xxxxx   113   31   753
Volume/Cap:  xxxx xxxx  xxxx  0.14 xxxx  xxxx  xxxx xxxx  xxxx  0.28 0.00  0.14
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx   0.5 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx   9.8 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     A    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx  328 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  2.0 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 23.8 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    C     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             23.8
ApproachLOS:         *                *                *                C
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  697    40   125 1396     0     0    0     0    32    0   107
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             23.8
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.9]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=139]
   SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2397]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  697    40   125 1396     0     0    0     0    32    0   107
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2258
Minor Approach Volume:           139
Minor Approach Volume Threshold: 4 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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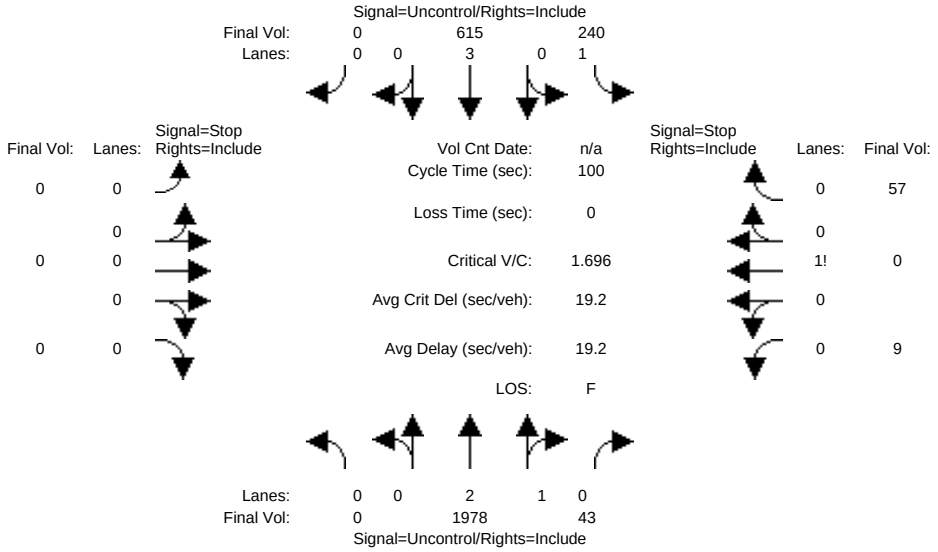
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #10: (B) Bascom Avenue & Kingman Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0 1970    33   179  615     0     0    0     0     7    0    43
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0 1970    33   179  615     0     0    0     0     7    0    43
Added Vol:      0    8    10    61    0     0     0    0     0     2    0    14
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0 1978    43   240  615     0     0    0     0     9    0    57
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0 1978    43   240  615     0     0    0     0     9    0    57
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0 1978    43   240  615     0     0    0     0     9    0    57
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx   2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  2021 xxxx xxxxx  xxxx xxxx xxxxx  2685 3095   681
Potent Cap.: xxxx xxxx xxxxx   285 xxxx xxxxx  xxxx xxxx xxxxx    18   12   398
Move Cap.:   xxxx xxxx xxxxx   285 xxxx xxxxx  xxxx xxxx xxxxx     5    2   398
Volume/Cap:  xxxx xxxx  xxxx  0.84 xxxx  xxxx  xxxx xxxx  xxxx  1.70 0.00  0.14
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx   7.1 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx  59.7 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     F    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx   36 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  7.2 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  638 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    F     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx            638.5
ApproachLOS:         *                *                *                F
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0 1978    43   240  615     0     0    0     0     9    0    57
ApproachDel:    xxxxxx           xxxxxx           xxxxxx            638.5
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=11.7]
   SUCCEED - Vehicle-hours greater than or equal to 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=66]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2942]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0 1978    43   240  615     0     0    0     0     9    0    57
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2876
Minor Approach Volume:           66
Minor Approach Volume Threshold: -79 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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```


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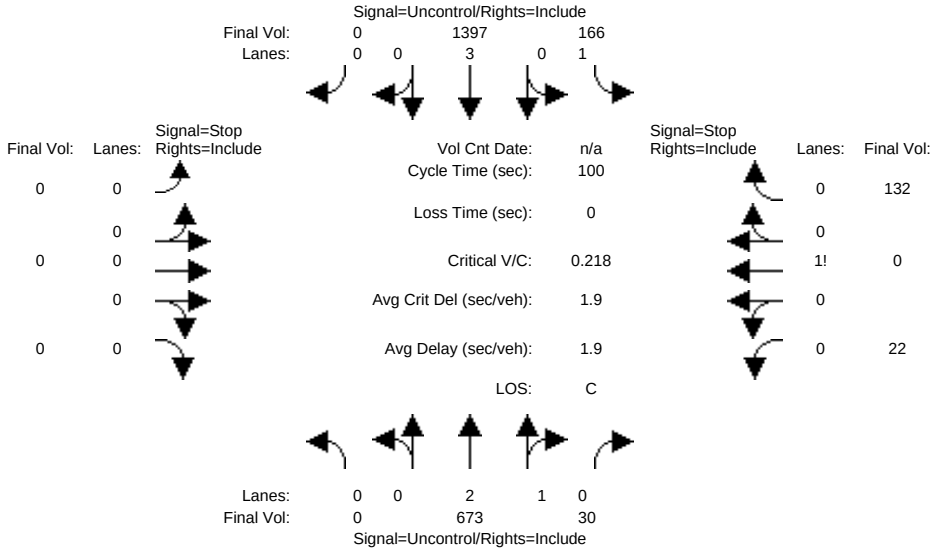
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #10: (B) Bascom Avenue & Kingman Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  667    23   124 1397     0     0    0     0    17    0    99
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  667    23   124 1397     0     0    0     0    17    0    99
Added Vol:      0    6     7    42    0     0     0    0     0     5    0    33
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  673    30   166 1397     0     0    0     0    22    0   132
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  673    30   166 1397     0     0    0     0    22    0   132
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  673    30   166 1397     0     0    0     0    22    0   132
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   4.1 xxxx xxxxx xxxxx xxxx xxxxx   6.8  6.5   6.9
FollowUpTim:xxxxx xxxx xxxxx   2.2 xxxx xxxxx xxxxx xxxx xxxxx   3.5  4.0   3.3
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx   703 xxxx xxxxx  xxxx xxxx xxxxx  1486 2417   239
Potent Cap.: xxxx xxxx xxxxx   904 xxxx xxxxx  xxxx xxxx xxxxx   117   33   768
Move Cap.:   xxxx xxxx xxxxx   904 xxxx xxxxx  xxxx xxxx xxxxx   101   27   768
Volume/Cap:  xxxx xxxx  xxxx  0.18 xxxx  xxxx  xxxx xxxx  xxxx  0.22 0.00  0.17
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx   0.7 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx   9.9 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     A    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx  395 xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx  1.8 xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx 19.8 xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    C     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             19.8
ApproachLOS:         *                *                *                C
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  673    30   166 1397     0     0    0     0    22    0   132
ApproachDel:    xxxxxx           xxxxxx           xxxxxx             19.8
------------|---------------||---------------||---------------||---------------|
Approach[westbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.8]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=154]
   SUCCEED - Approach volume greater than or equal to 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=2420]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #10 (B) Bascom Avenue & Kingman Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  1  0    1  0  3  0  0    0  0  0  0  0    0  0  1! 0  0
Initial Vol:    0  673    30   166 1397     0     0    0     0    22    0   132
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2266
Minor Approach Volume:           154
Minor Approach Volume Threshold: 3 [less than minimum of 100]
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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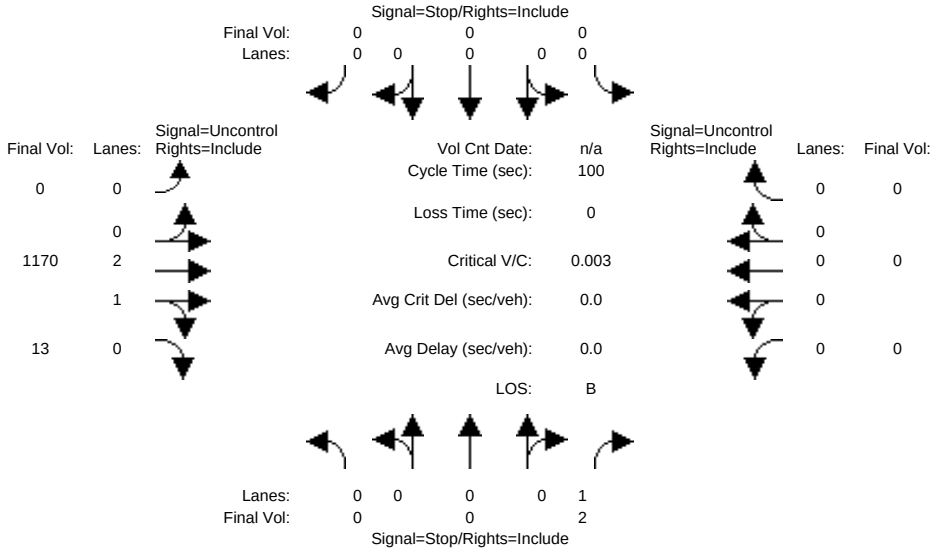
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #11: (C) Lot A Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     2     0    0     0     0 1170    13     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     2     0    0     0     0 1170    13     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     2     0    0     0     0 1170    13     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     2     0    0     0     0 1170    13     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     2     0    0     0     0 1170    13     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   397  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   657  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   657  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.5 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.5           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1170    13     0    0     0
ApproachDel:      10.5           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=2]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1185]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
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"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1170    13     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1183
Minor Approach Volume:           2
Minor Approach Volume Threshold: 227
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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```


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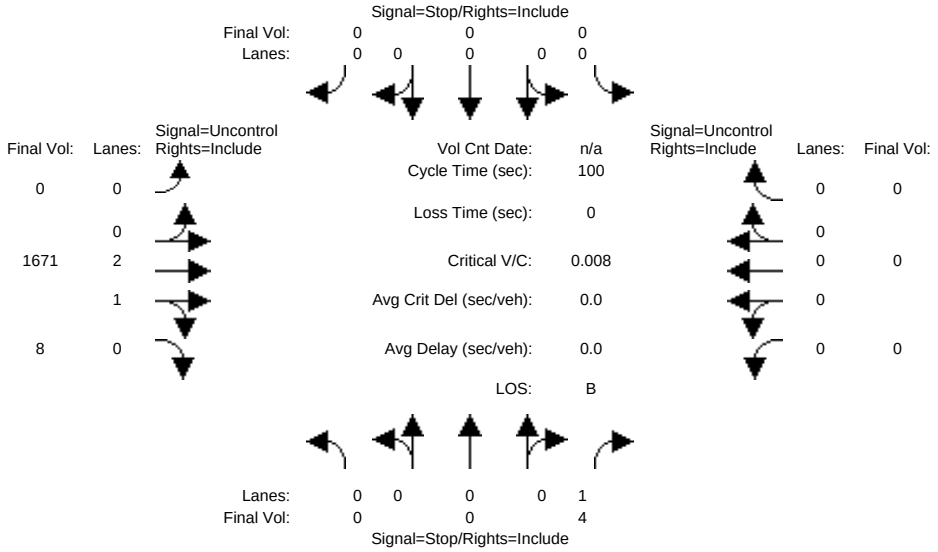
San Jose, CA

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #11: (C) Lot A Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     4     0    0     0     0 1671     8     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     4     0    0     0     0 1671     8     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     4     0    0     0     0 1671     8     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     4     0    0     0     0 1671     8     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     4     0    0     0     0 1671     8     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   561  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   531  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   531  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.01  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.8 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.8           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     4     0    0     0     0 1671     8     0    0     0
ApproachDel:      11.8           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=4]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1683]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     4     0    0     0     0 1671     8     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1679
Minor Approach Volume:           4
Minor Approach Volume Threshold: 106
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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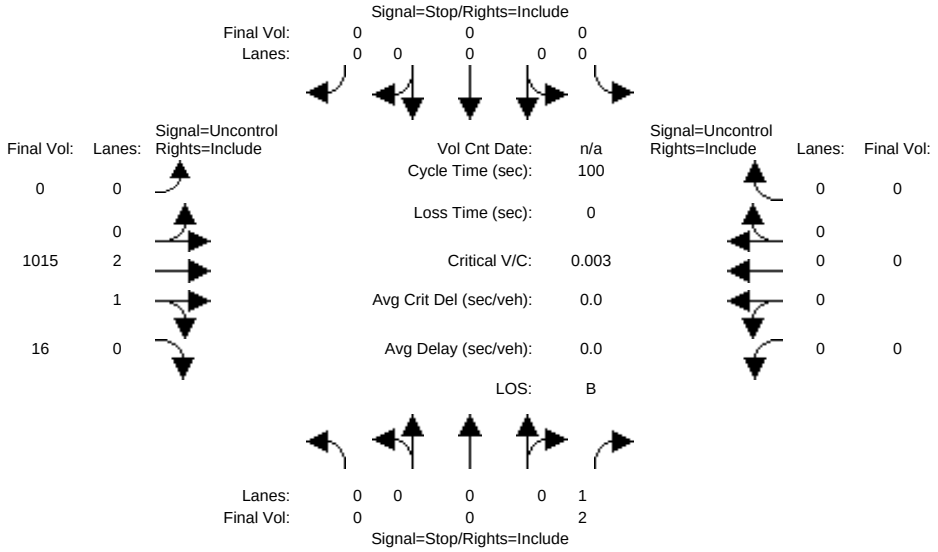
San Jose, CA

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #11: (C) Lot A Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     2     0    0     0     0  996    13     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     2     0    0     0     0  996    13     0    0     0
Added Vol:      0    0     0     0    0     0     0   19     3     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     2     0    0     0     0 1015    16     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     2     0    0     0     0 1015    16     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     2     0    0     0     0 1015    16     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   346  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   701  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   701  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.1 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.1           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1015    16     0    0     0
ApproachDel:      10.1           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=2]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1033]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1015    16     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1031
Minor Approach Volume:           2
Minor Approach Volume Threshold: 274
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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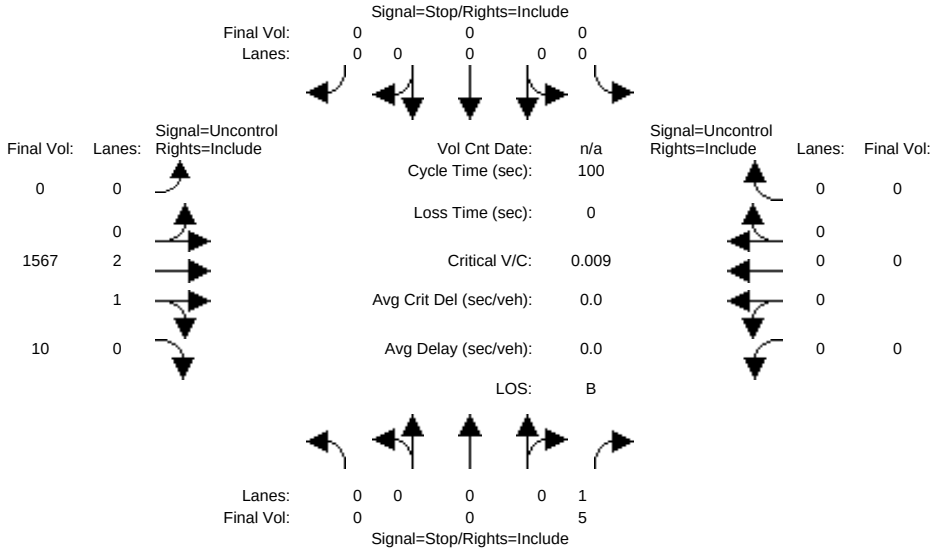
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #11: (C) Lot A Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     4     0    0     0     0 1550     8     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     4     0    0     0     0 1550     8     0    0     0
Added Vol:      0    0     1     0    0     0     0   17     2     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     5     0    0     0     0 1567    10     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     5     0    0     0     0 1567    10     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     5     0    0     0     0 1567    10     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   527  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   555  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   555  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.01  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.5 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.5           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     5     0    0     0     0 1567    10     0    0     0
ApproachDel:      11.5           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=5]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1582]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #11 (C) Lot A Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  2  1  0    0  0  0  0  0
Initial Vol:    0    0     5     0    0     0     0 1567    10     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1577
Minor Approach Volume:           5
Minor Approach Volume Threshold: 128
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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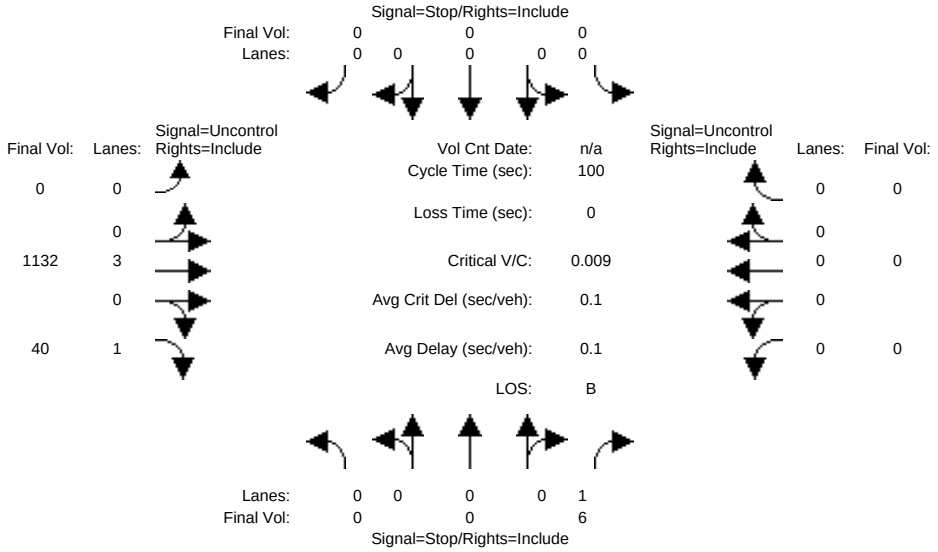
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #12: (D) Laswell Avenue & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     6     0    0     0     0 1132    40     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     6     0    0     0     0 1132    40     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     6     0    0     0     0 1132    40     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     6     0    0     0     0 1132    40     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     6     0    0     0     0 1132    40     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   377  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   674  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   674  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.01  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.4 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.4           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     6     0    0     0     0 1132    40     0    0     0
ApproachDel:      10.4           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=6]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1178]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     6     0    0     0     0 1132    40     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1172
Minor Approach Volume:           6
Minor Approach Volume Threshold: 230
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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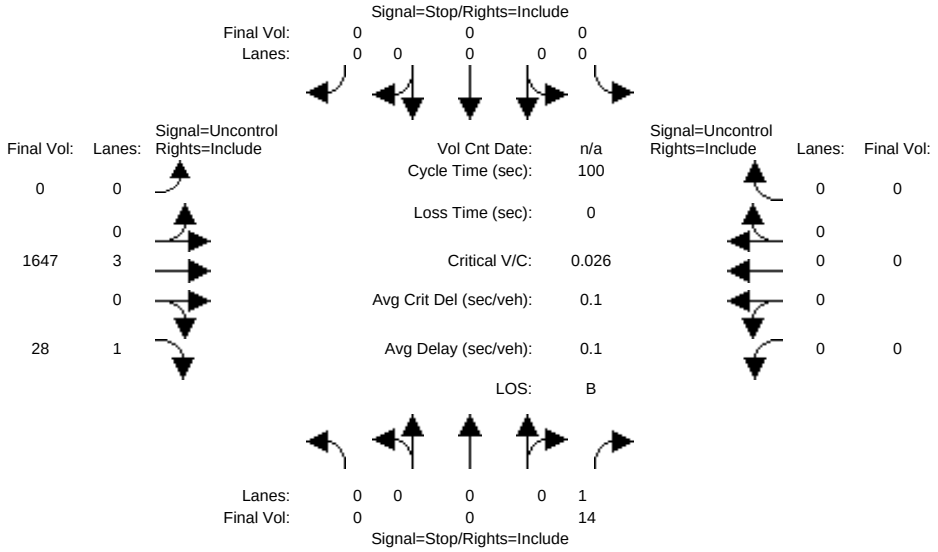
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #12: (D) Laswell Avenue & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0    14     0    0     0     0 1647    28     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    14     0    0     0     0 1647    28     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    14     0    0     0     0 1647    28     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0    14     0    0     0     0 1647    28     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    14     0    0     0     0 1647    28     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   549  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   539  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   539  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.03  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.1  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.9 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.9           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    14     0    0     0     0 1647    28     0    0     0
ApproachDel:      11.9           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=14]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1689]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    14     0    0     0     0 1647    28     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1675
Minor Approach Volume:           14
Minor Approach Volume Threshold: 107
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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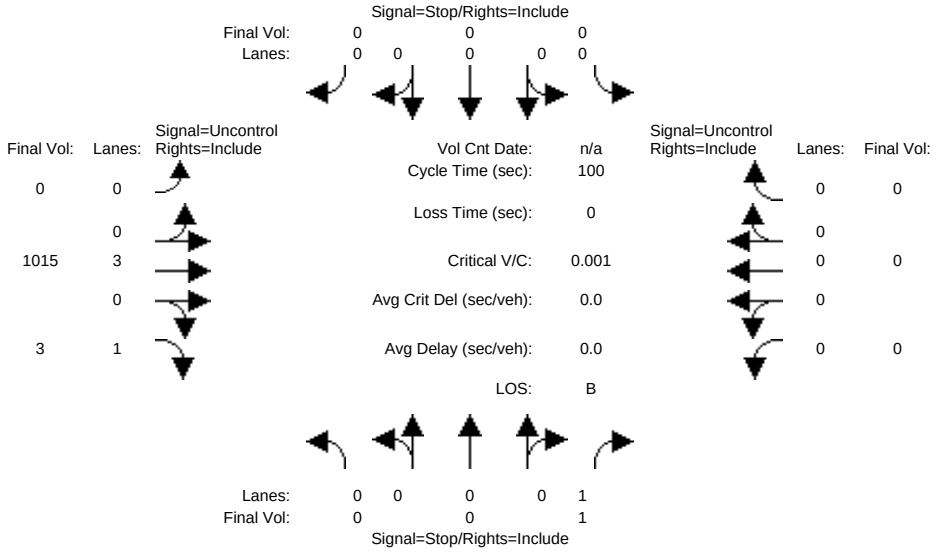
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #12: (D) Laswell Avenue & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     1     0    0     0     0  998     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     1     0    0     0     0  998     0     0    0     0
Added Vol:      0    0     0     0    0     0     0   17     3     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     1     0    0     0     0 1015     3     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     1     0    0     0     0 1015     3     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     1     0    0     0     0 1015     3     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   338  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   708  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   708  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.1 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.1           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     1     0    0     0     0 1015     3     0    0     0
ApproachDel:      10.1           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=1]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1019]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     1     0    0     0     0 1015     3     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1018
Minor Approach Volume:           1
Minor Approach Volume Threshold: 279
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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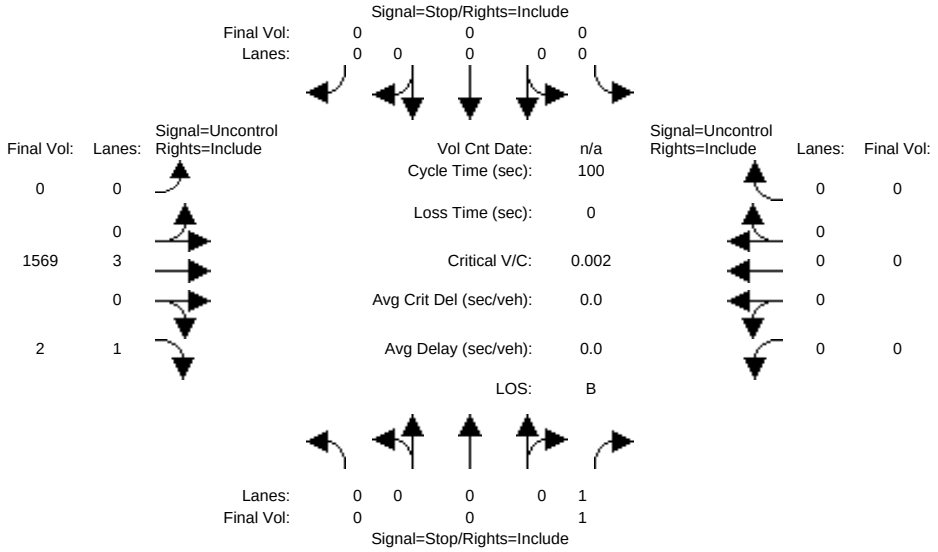
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #12: (D) Laswell Avenue & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     0     0    0     0     0 1554     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     0     0    0     0     0 1554     0     0    0     0
Added Vol:      0    0     1     0    0     0     0   15     2     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     1     0    0     0     0 1569     2     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     1     0    0     0     0 1569     2     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     1     0    0     0     0 1569     2     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   523  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   558  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   558  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.5 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.5           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     1     0    0     0     0 1569     2     0    0     0
ApproachDel:      11.5           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=1]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1572]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #12 (D) Laswell Avenue & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     1     0    0     0     0 1569     2     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1571
Minor Approach Volume:           1
Minor Approach Volume Threshold: 129
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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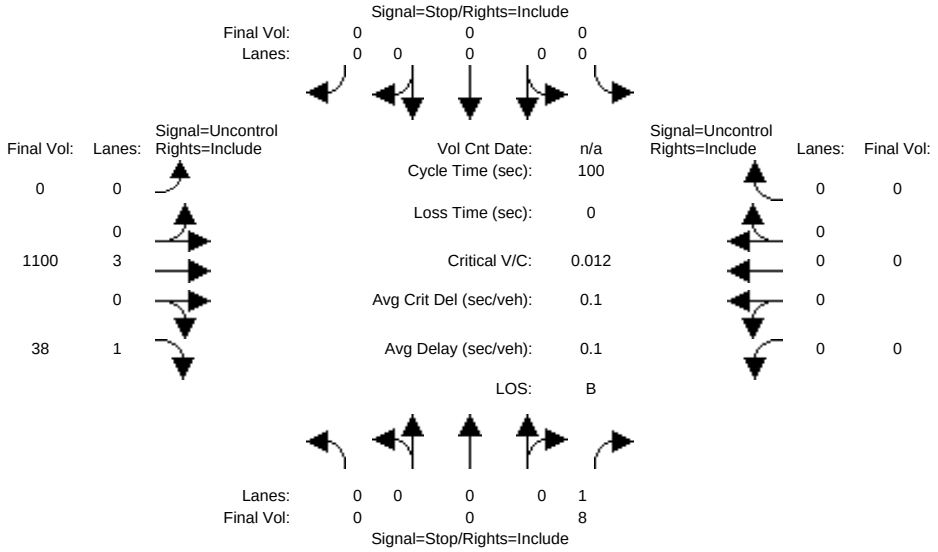
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #13: (E) Lot B Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     8     0    0     0     0 1100    38     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     8     0    0     0     0 1100    38     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     8     0    0     0     0 1100    38     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     8     0    0     0     0 1100    38     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     8     0    0     0     0 1100    38     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   367  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   683  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   683  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.01  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.3           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     8     0    0     0     0 1100    38     0    0     0
ApproachDel:      10.3           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=8]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1146]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     8     0    0     0     0 1100    38     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1138
Minor Approach Volume:           8
Minor Approach Volume Threshold: 240
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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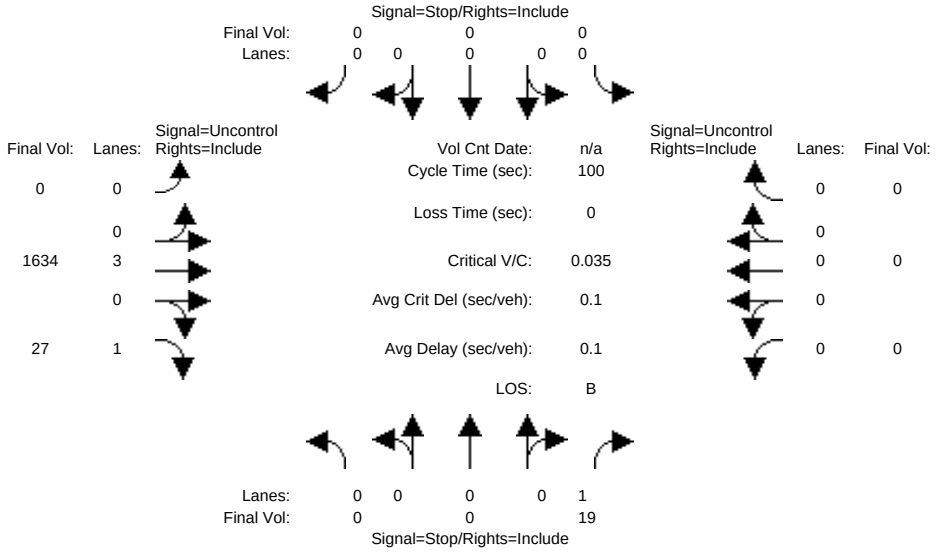
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #13: (E) Lot B Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0    19     0    0     0     0 1634    27     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    19     0    0     0     0 1634    27     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    19     0    0     0     0 1634    27     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0    19     0    0     0     0 1634    27     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    19     0    0     0     0 1634    27     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   545  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   542  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   542  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.04  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.1  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.9 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.9           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    19     0    0     0     0 1634    27     0    0     0
ApproachDel:      11.9           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=19]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1680]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    19     0    0     0     0 1634    27     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1661
Minor Approach Volume:           19
Minor Approach Volume Threshold: 110
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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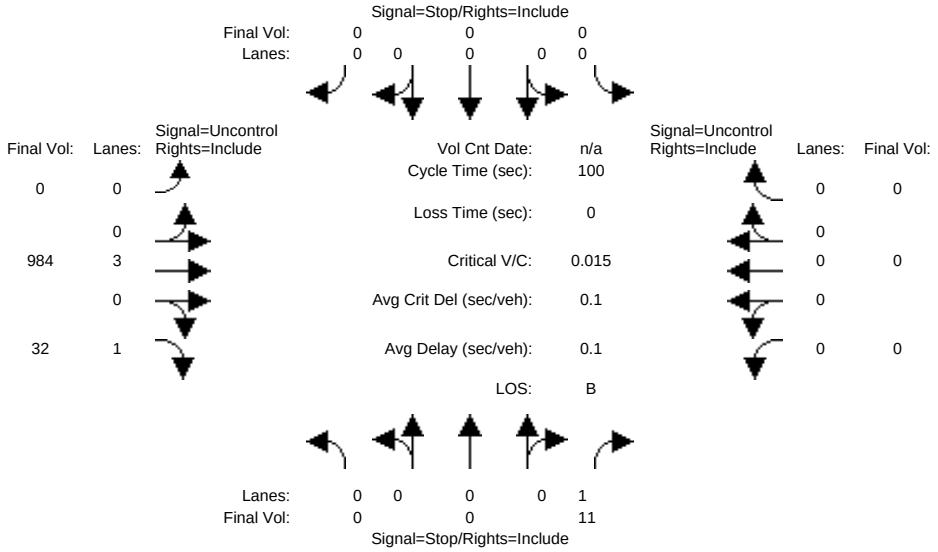
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #13: (E) Lot B Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     9     0    0     0     0  969    29     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     9     0    0     0     0  969    29     0    0     0
Added Vol:      0    0     2     0    0     0     0   15     3     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    11     0    0     0     0  984    32     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0    11     0    0     0     0  984    32     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    11     0    0     0     0  984    32     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   328  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   718  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   718  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.02  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.1 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.1           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    11     0    0     0     0  984    32     0    0     0
ApproachDel:      10.1           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=11]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1027]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    11     0    0     0     0  984    32     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1016
Minor Approach Volume:           11
Minor Approach Volume Threshold: 279
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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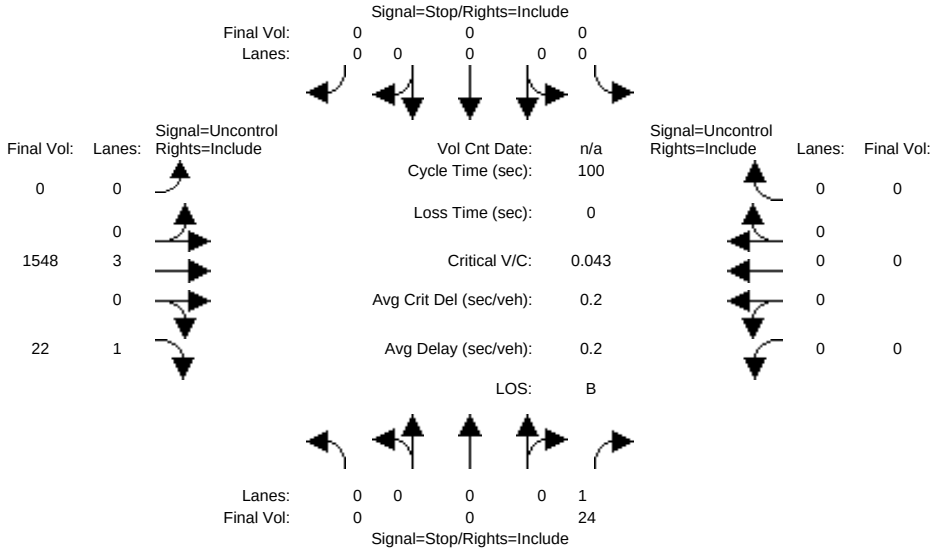
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #13: (E) Lot B Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0    21     0    0     0     0 1534    20     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    21     0    0     0     0 1534    20     0    0     0
Added Vol:      0    0     3     0    0     0     0   14     2     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    24     0    0     0     0 1548    22     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0    24     0    0     0     0 1548    22     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0    24     0    0     0     0 1548    22     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   516  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   563  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   563  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.04  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.1  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.7 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.7           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    24     0    0     0     0 1548    22     0    0     0
ApproachDel:      11.7           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=24]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1594]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #13 (E) Lot B Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0    24     0    0     0     0 1548    22     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1570
Minor Approach Volume:           24
Minor Approach Volume Threshold: 129
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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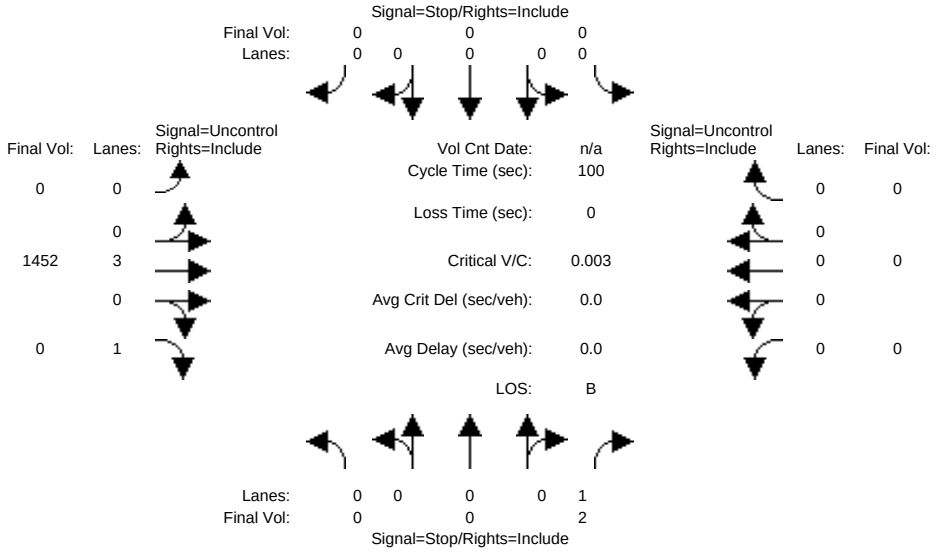
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #14: (F) Lot C Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     2     0    0     0     0 1452     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     2     0    0     0     0 1452     0     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     2     0    0     0     0 1452     0     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     2     0    0     0     0 1452     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     2     0    0     0     0 1452     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   484  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   587  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   587  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  11.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      11.2           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1452     0     0    0     0
ApproachDel:      11.2           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=2]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1454]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1452     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1452
Minor Approach Volume:           2
Minor Approach Volume Threshold: 156
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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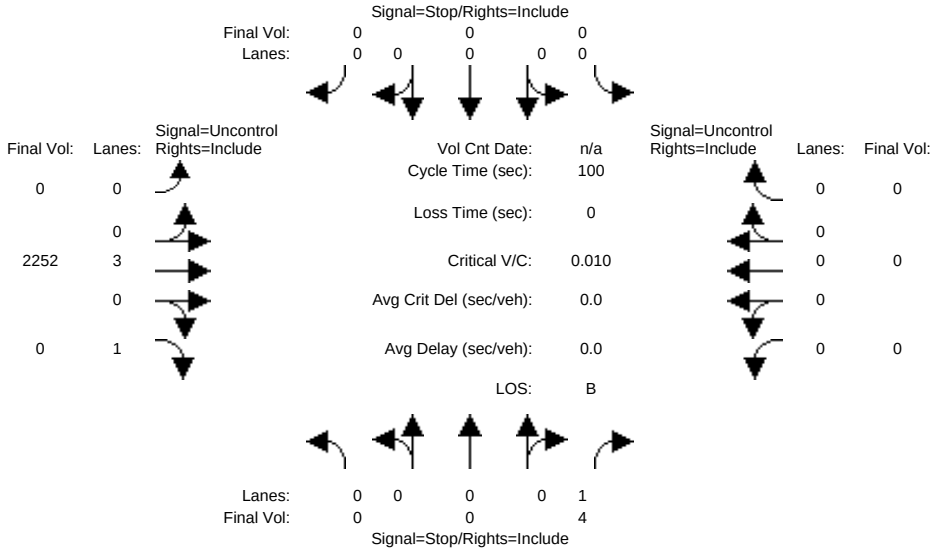
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #14: (F) Lot C Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     4     0    0     0     0 2252     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     4     0    0     0     0 2252     0     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     4     0    0     0     0 2252     0     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     4     0    0     0     0 2252     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     4     0    0     0     0 2252     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   751  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   414  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   414  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.01  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  13.8 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      13.8           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     4     0    0     0     0 2252     0     0    0     0
ApproachDel:      13.8           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=4]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=2256]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     4     0    0     0     0 2252     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2252
Minor Approach Volume:           4
Minor Approach Volume Threshold: 5 [less than minimum of 100]
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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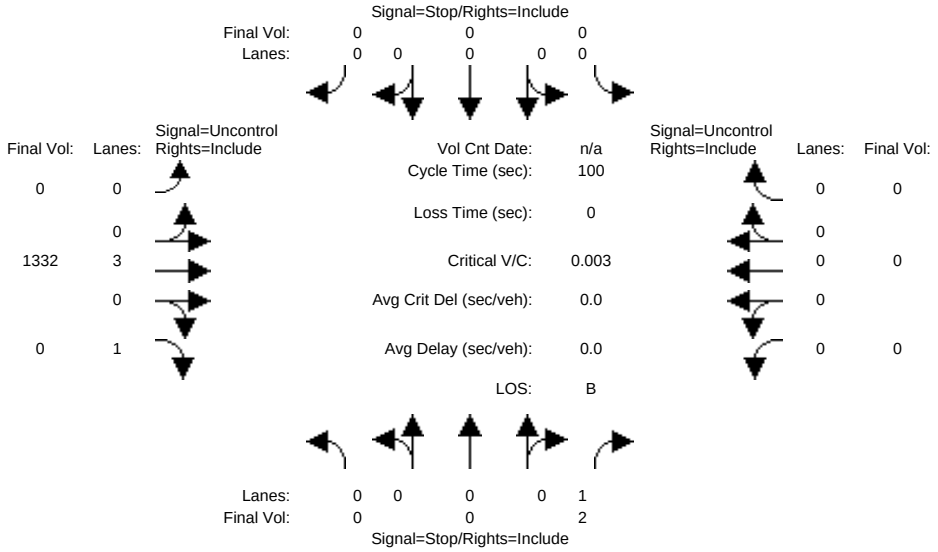
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #14: (F) Lot C Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     2     0    0     0     0 1302     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     2     0    0     0     0 1302     0     0    0     0
Added Vol:      0    0     0     0    0     0     0   30     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     2     0    0     0     0 1332     0     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     2     0    0     0     0 1332     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     2     0    0     0     0 1332     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   444  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   618  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   618  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  10.8 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      10.8           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1332     0     0    0     0
ApproachDel:      10.8           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=2]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=1334]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     2     0    0     0     0 1332     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1332
Minor Approach Volume:           2
Minor Approach Volume Threshold: 186
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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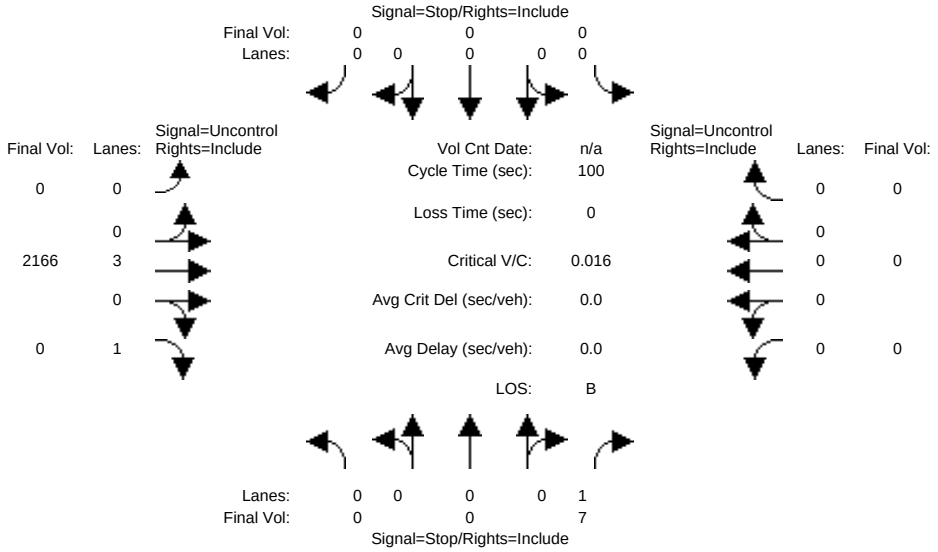
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #14: (F) Lot C Driveway & Moorpark Avenue




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0    0     6     0    0     0     0 2139     0     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     6     0    0     0     0 2139     0     0    0     0
Added Vol:      0    0     1     0    0     0     0   27     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0     7     0    0     0     0 2166     0     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0    0     7     0    0     0     0 2166     0     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     7     0    0     0     0 2166     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   722  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   430  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   430  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.02  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx   0.0  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx  13.5 xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     B     *    *     *     *    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:      13.5           xxxxxx            xxxxxx            xxxxxx
ApproachLOS:         B                 *                 *                 *
Note: Queue reported is the number of cars per lane.
                     Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     7     0    0     0     0 2166     0     0    0     0
ApproachDel:      13.5           xxxxxx           xxxxxx           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[northbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.0]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=7]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=2][total volume=2173]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
*******************************************************************************
Intersection #14 (F) Lot C Driveway & Moorpark Avenue
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Stop Sign        Stop Sign       Uncontrolled     Uncontrolled
Lanes:        0  0  0  0  1    0  0  0  0  0    0  0  3  0  1    0  0  0  0  0
Initial Vol:    0    0     7     0    0     0     0 2166     0     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             2166
Minor Approach Volume:           7
Minor Approach Volume Threshold: 19 [less than minimum of 100]
-------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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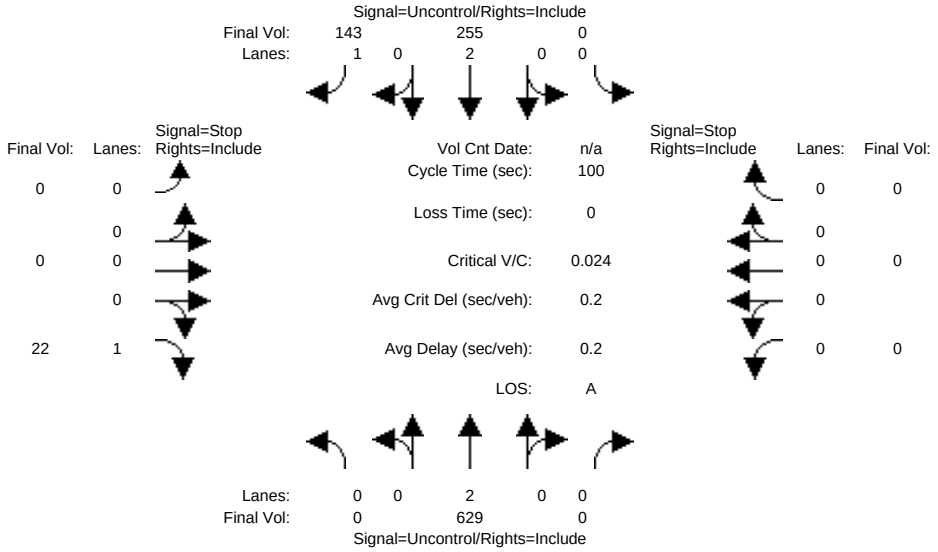
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #15: (H) Leigh Avenue & Lot F Driveway



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Volume Module:												
Base Vol:	0	629	0	0	255	143	0	0	22	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	629	0	0	255	143	0	0	22	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	629	0	0	255	143	0	0	22	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	629	0	0	255	143	0	0	22	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	629	0	0	255	143	0	0	22	0	0	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	6.9	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	3.3	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	128	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	905	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	905	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	0.02	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	0.1	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	9.1	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	A	*	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			9.1			xxxxxx		
ApproachLOS:	*			*			A			*		

Note: Queue reported is the number of cars per lane.

Peak Hour Delay Signal Warrant Report

****

Intersection #15 (H) Leigh Avenue & Lot F Driveway

****

Future Volume Alternative: Peak Hour Warrant NOT Met

```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  629     0     0  255   143     0    0    22     0    0     0
ApproachDel:    xxxxxx           xxxxxx               9.1           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=22]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1049]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  629     0     0  255   143     0    0    22     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1027
Minor Approach Volume:           22
Minor Approach Volume Threshold: 276
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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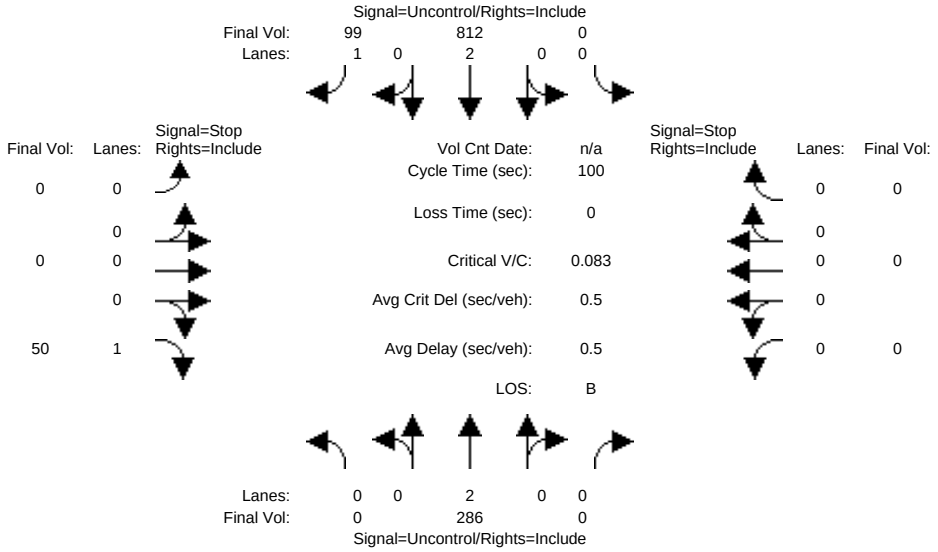
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #15: (H) Leigh Avenue & Lot F Driveway




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  286     0     0  812    99     0    0    50     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  286     0     0  812    99     0    0    50     0    0     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  286     0     0  812    99     0    0    50     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  286     0     0  812    99     0    0    50     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  286     0     0  812    99     0    0    50     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   6.9 xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   3.3 xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   406  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   600  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   600  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  0.08  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   0.3  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx  11.5 xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     B     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx             11.5           xxxxxx
ApproachLOS:         *                *                B                *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  286     0     0  812    99     0    0    50     0    0     0
ApproachDel:    xxxxxx           xxxxxx             11.5           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.2]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=50]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1247]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
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"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  286     0     0  812    99     0    0    50     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1197
Minor Approach Volume:           50
Minor Approach Volume Threshold: 223
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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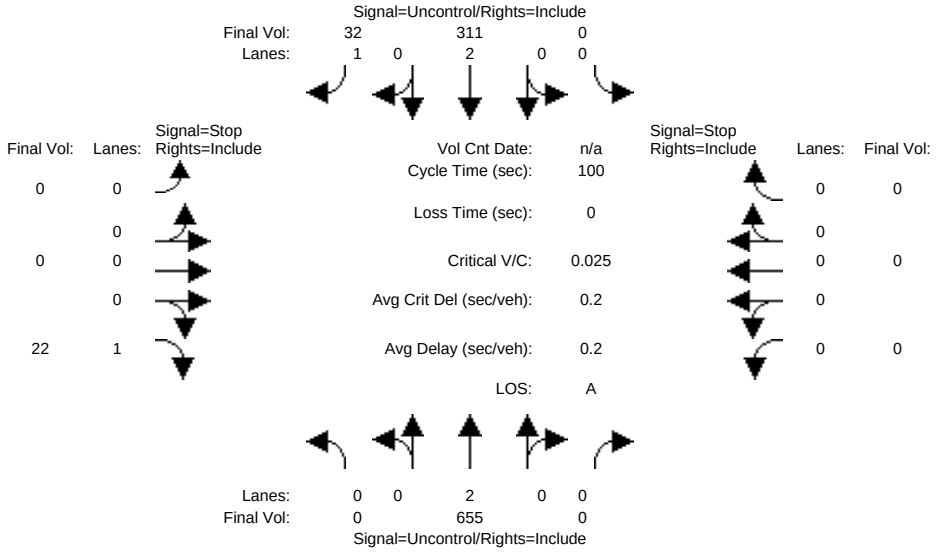
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj AM

Intersection #15: (H) Leigh Avenue & Lot F Driveway




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  650     0     0  296    28     0    0    19     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  650     0     0  296    28     0    0    19     0    0     0
Added Vol:      0    5     0     0   15     4     0    0     3     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  655     0     0  311    32     0    0    22     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  655     0     0  311    32     0    0    22     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  655     0     0  311    32     0    0    22     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   6.9 xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   3.3 xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   156  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   869  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   869  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  0.03  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   0.1  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   9.3 xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     A     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx               9.3           xxxxxx
ApproachLOS:         *                *                 A                *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```

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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  655     0     0  311    32     0    0    22     0    0     0
ApproachDel:    xxxxxx           xxxxxx               9.3           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.1]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=22]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1020]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  655     0     0  311    32     0    0    22     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             998
Minor Approach Volume:           22
Minor Approach Volume Threshold: 286
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

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jurisdiction.  Consideration of the other signal warrants, which is beyond
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```


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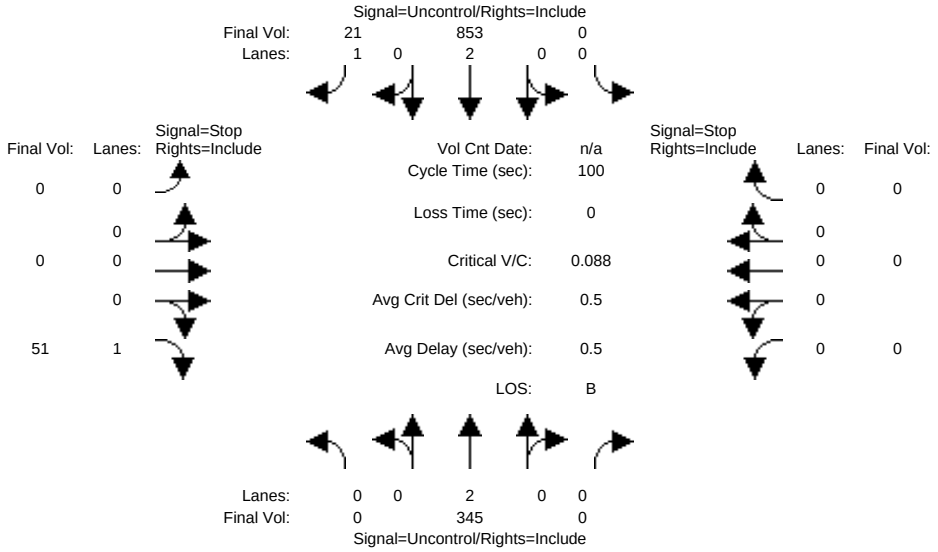
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background + Prj PM

Intersection #15: (H) Leigh Avenue & Lot F Driveway




```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0  334     0     0  842    19     0    0    44     0    0     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0  334     0     0  842    19     0    0    44     0    0     0
Added Vol:      0   11     0     0   11     2     0    0     7     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0  345     0     0  853    21     0    0    51     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     0  345     0     0  853    21     0    0    51     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0  345     0     0  853    21     0    0    51     0    0     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   6.9 xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx   3.3 xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   427  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   582  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   582  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  xxxx xxxx  xxxx  xxxx xxxx  0.09  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx   0.3  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx  11.8 xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     B     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx             11.8           xxxxxx
ApproachLOS:         *                *                B                *
Note: Queue reported is the number of cars per lane.
                    Peak Hour Delay Signal Warrant Report
*******************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
*******************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
```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```
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  345     0     0  853    21     0    0    51     0    0     0
ApproachDel:    xxxxxx           xxxxxx             11.8           xxxxxx
------------|---------------||---------------||---------------||---------------|
Approach[eastbound][lanes=1][control=Stop Sign]
Signal Warrant Rule #1: [vehicle-hours=0.2]
   FAIL - Vehicle-hours less than 4 for one lane approach.
Signal Warrant Rule #2: [approach volume=51]
   FAIL - Approach volume less than 100 for one lane approach.
Signal Warrant Rule #3: [approach count=3][total volume=1270]
   SUCCEED - Total volume greater than or equal to 650 for intersection
             with less than four approaches.
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
                Peak Hour Volume Signal Warrant Report [Urban]
********************************************************************************
Intersection #15 (H) Leigh Avenue & Lot F Driveway
********************************************************************************
Future Volume Alternative: Peak Hour Warrant NOT Met
------------|---------------||---------------||---------------||---------------|
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:       Uncontrolled     Uncontrolled      Stop Sign        Stop Sign
Lanes:        0  0  2  0  0    0  0  2  0  1    0  0  0  0  1    0  0  0  0  0
Initial Vol:    0  345     0     0  853    21     0    0    51     0    0     0
------------|---------------||---------------||---------------||---------------|
Major Street Volume:             1219
Minor Approach Volume:           51
Minor Approach Volume Threshold: 217
--------------------------------------------------------------------------------
SIGNAL WARRANT DISCLAIMER
This peak hour signal warrant analysis should be considered solely as an
"indicator" of the likelihood of an unsignalized intersection warranting
a traffic signal in the future.  Intersections that exceed this warrant
are probably more likely to meet one or more of the other volume based
signal warrant (such as the 4-hour or 8-hour warrants).

The peak hour warrant analysis in this report is not intended to replace
a rigorous and complete traffic signal warrant analysis by the responsible
jurisdiction.  Consideration of the other signal warrants, which is beyond
the scope of this software, may yield different results.
```


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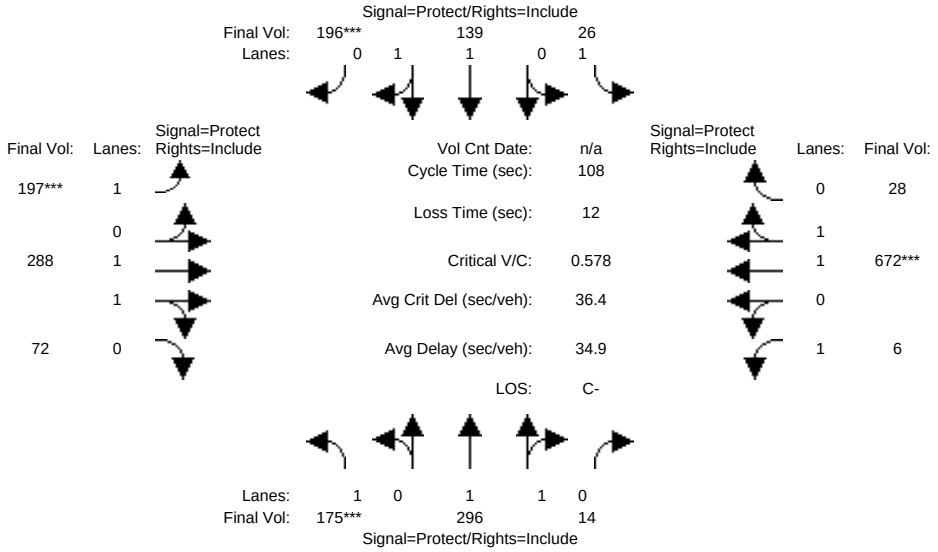
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	175	296	14	26	139	196	197	288	72	6	672	28
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	175	296	14	26	139	196	197	288	72	6	672	28
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	175	296	14	26	139	196	197	288	72	6	672	28
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	175	296	14	26	139	196	197	288	72	6	672	28
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	175	296	14	26	139	196	197	288	72	6	672	28
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	175	296	14	26	139	196	197	288	72	6	672	28
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.97	0.95
Lanes:	1.00	1.91	0.09	1.00	1.00	1.00	1.00	1.59	0.41	1.00	1.92	0.08
Final Sat.:	1750	3533	167	1750	1900	1750	1750	2959	740	1750	3552	148
Capacity Analysis Module:												
Vol/Sat:	0.10	0.08	0.08	0.01	0.07	0.11	0.11	0.10	0.10	0.00	0.19	0.19
Crit Moves:	****					****	****				****	
Green Time:	18.7	23.3	23.3	16.3	20.9	20.9	21.0	33.8	33.8	22.5	35.4	35.4
Volume/Cap:	0.58	0.39	0.39	0.10	0.38	0.58	0.58	0.31	0.31	0.02	0.58	0.58
Delay/Veh:	43.8	36.6	36.6	39.7	38.1	41.0	41.9	28.4	28.4	33.9	30.8	30.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.8	36.6	36.6	39.7	38.1	41.0	41.9	28.4	28.4	33.9	30.8	30.8
LOS by Move:	D	D+	D+	D	D+	D	D	C	C	C-	C	C
HCM2kAvgQ:	7	5	5	1	4	6	6	4	4	0	10	10

Note: Queue reported is the number of cars per lane.

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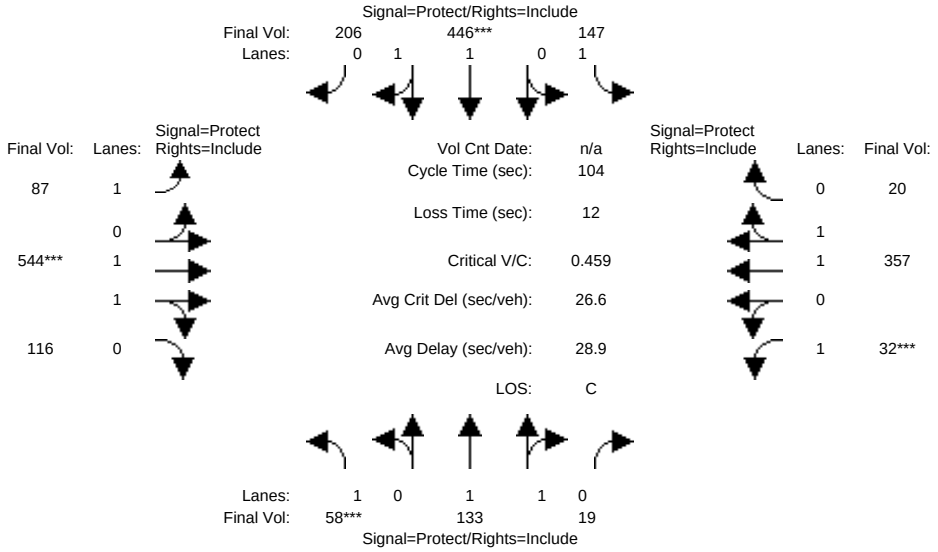
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	58	133	19	147	446	206	87	544	116	32	357	20
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	58	133	19	147	446	206	87	544	116	32	357	20
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	58	133	19	147	446	206	87	544	116	32	357	20
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	133	19	147	446	206	87	544	116	32	357	20
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	133	19	147	446	206	87	544	116	32	357	20
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	133	19	147	446	206	87	544	116	32	357	20
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	1.00	1.74	0.26	1.00	1.35	0.65	1.00	1.64	0.36	1.00	1.89	0.11
Final Sat.:	1750	3237	462	1750	2530	1169	1750	3049	650	1750	3504	196
Capacity Analysis Module:												
Vol/Sat:	0.03	0.04	0.04	0.08	0.18	0.18	0.05	0.18	0.18	0.02	0.10	0.10
Crit Moves:	****				****			****		****		
Green Time:	7.3	24.5	24.5	21.4	38.6	38.6	18.3	39.1	39.1	7.0	27.8	27.8
Volume/Cap:	0.47	0.17	0.17	0.41	0.47	0.47	0.28	0.47	0.47	0.27	0.38	0.38
Delay/Veh:	49.4	31.8	31.8	36.6	25.2	25.2	37.6	24.9	24.9	47.3	31.4	31.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.4	31.8	31.8	36.6	25.2	25.2	37.6	24.9	24.9	47.3	31.4	31.4
LOS by Move:	D	C	C	D+	C	C	D+	C	C	D	C	C
HCM2kAvgQ:	3	2	2	4	8	8	3	8	8	1	5	5

Note: Queue reported is the number of cars per lane.

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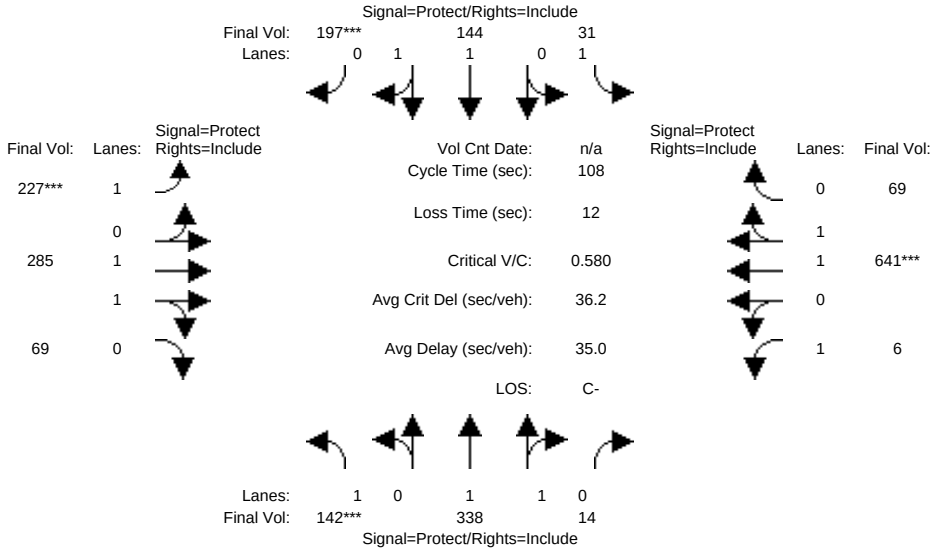
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background + Prj AM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	142	330	14	29	142	195	223	285	69	6	640	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	142	330	14	29	142	195	223	285	69	6	640	61
Added Vol:	0	8	0	2	2	2	4	0	0	0	1	8
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	142	338	14	31	144	197	227	285	69	6	641	69
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	142	338	14	31	144	197	227	285	69	6	641	69
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	142	338	14	31	144	197	227	285	69	6	641	69
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	142	338	14	31	144	197	227	285	69	6	641	69
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	1.00	1.92	0.08	1.00	1.00	1.00	1.00	1.60	0.40	1.00	1.80	0.20
Final Sat.:	1750	3553	147	1750	1900	1750	1750	2978	721	1750	3340	360
Capacity Analysis Module:												
Vol/Sat:	0.08	0.10	0.10	0.02	0.08	0.11	0.13	0.10	0.10	0.00	0.19	0.19
Crit Moves:	****					****	****				****	
Green Time:	15.1	21.5	21.5	14.6	21.0	21.0	24.2	35.7	35.7	24.2	35.7	35.7
Volume/Cap:	0.58	0.48	0.48	0.13	0.39	0.58	0.58	0.29	0.29	0.02	0.58	0.58
Delay/Veh:	46.9	38.8	38.8	41.3	38.2	41.0	39.6	26.9	26.9	32.6	30.6	30.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	46.9	38.8	38.8	41.3	38.2	41.0	39.6	26.9	26.9	32.6	30.6	30.6
LOS by Move:	D	D+	D+	D	D+	D	D	C	C	C-	C	C
HCM2kAvgQ:	6	6	6	1	4	6	7	4	4	0	10	10

Note: Queue reported is the number of cars per lane.

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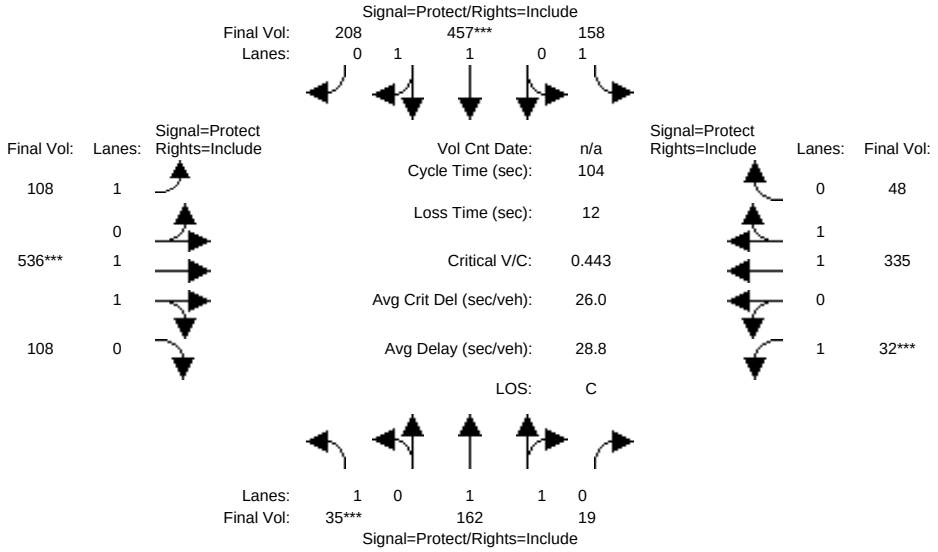
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background + Prj PM

Intersection #3551: FRUITDALE/LEIGH



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	35	156	19	154	453	203	105	536	108	32	335	43
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	35	156	19	154	453	203	105	536	108	32	335	43
Added Vol:	0	6	0	4	4	5	3	0	0	0	0	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	162	19	158	457	208	108	536	108	32	335	48
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	35	162	19	158	457	208	108	536	108	32	335	48
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	35	162	19	158	457	208	108	536	108	32	335	48
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	35	162	19	158	457	208	108	536	108	32	335	48
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.92	0.98	0.95	0.92	0.98	0.95
Lanes:	1.00	1.78	0.22	1.00	1.36	0.64	1.00	1.66	0.34	1.00	1.74	0.26
Final Sat.:	1750	3311	388	1750	2542	1157	1750	3079	620	1750	3236	464
Capacity Analysis Module:												
Vol/Sat:	0.02	0.05	0.05	0.09	0.18	0.18	0.06	0.17	0.17	0.02	0.10	0.10
Crit Moves:	****				****			****		****		
Green Time:	7.0	24.0	24.0	22.6	39.6	39.6	17.9	38.4	38.4	7.0	27.5	27.5
Volume/Cap:	0.30	0.21	0.21	0.42	0.47	0.47	0.36	0.47	0.47	0.27	0.39	0.39
Delay/Veh:	47.6	32.4	32.4	35.8	24.5	24.5	38.7	25.3	25.3	47.3	31.6	31.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.6	32.4	32.4	35.8	24.5	24.5	38.7	25.3	25.3	47.3	31.6	31.6
LOS by Move:	D	C-	C-	D+	C	C	D+	C	C	D	C	C
HCM2kAvgQ:	1	2	2	5	8	8	3	8	8	1	5	5

Note: Queue reported is the number of cars per lane.

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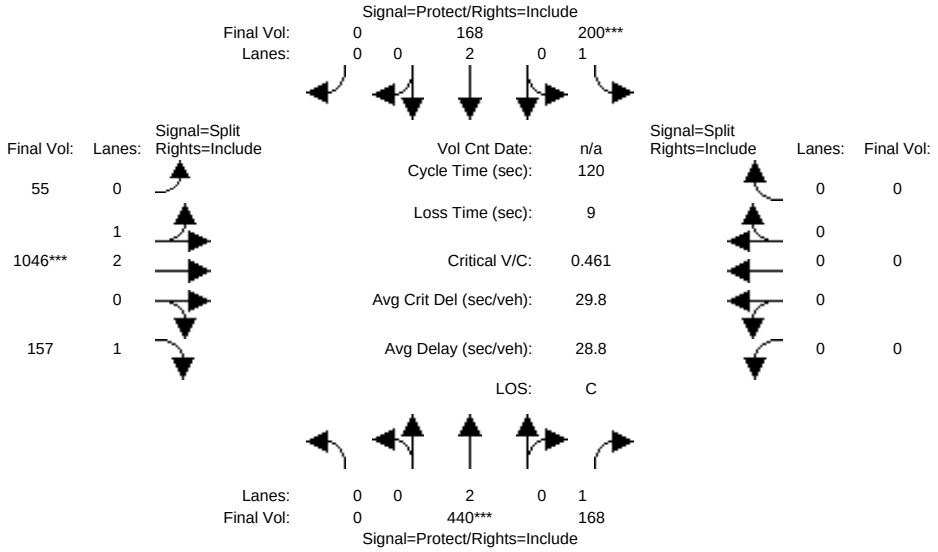
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	440	168	200	168	0	55	1046	157	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	440	168	200	168	0	55	1046	157	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	440	168	200	168	0	55	1046	157	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	440	168	200	168	0	55	1046	157	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	440	168	200	168	0	55	1046	157	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	440	168	200	168	0	55	1046	157	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.98	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.16	2.84	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	280	5320	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.12	0.10	0.11	0.04	0.00	0.20	0.20	0.09	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	30.1	30.1	29.7	59.9	0.0	51.1	51.1	51.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.46	0.38	0.46	0.09	0.00	0.46	0.46	0.21	0.00	0.00	0.00
Delay/Veh:	0.0	38.4	37.8	39.1	15.8	0.0	24.7	24.7	21.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	38.4	37.8	39.1	15.8	0.0	24.7	24.7	21.8	0.0	0.0	0.0
LOS by Move:	A	D+	D+	D	B	A	C	C	C+	A	A	A
HCM2kAvgQ:	0	7	5	6	2	0	9	9	4	0	0	0

Note: Queue reported is the number of cars per lane.

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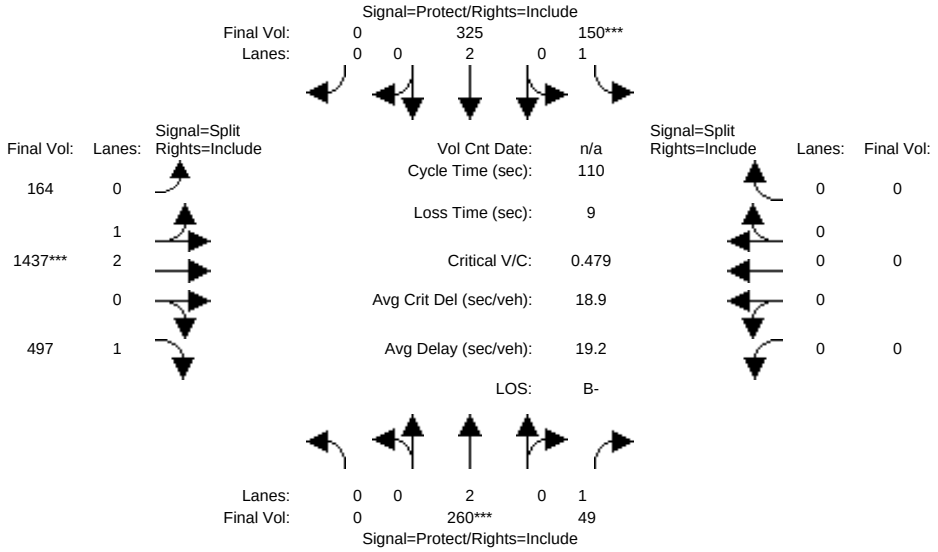
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	0		10	10	7		10	0	10		10	10	0		0	0
Y+R:	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0
Volume Module:																
Base Vol:	0		260	49	150		325	0	164		1437	497	0		0	0
Growth Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Initial Bse:	0		260	49	150		325	0	164		1437	497	0		0	0
Added Vol:	0		0	0	0		0	0	0		0	0	0		0	0
PasserByVol:	0		0	0	0		0	0	0		0	0	0		0	0
Initial Fut:	0		260	49	150		325	0	164		1437	497	0		0	0
User Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
PHF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
PHF Volume:	0		260	49	150		325	0	164		1437	497	0		0	0
Reduct Vol:	0		0	0	0		0	0	0		0	0	0		0	0
Reduced Vol:	0		260	49	150		325	0	164		1437	497	0		0	0
PCE Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
MLF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
FinalVolume:	0		260	49	150		325	0	164		1437	497	0		0	0
Saturation Flow Module:																
Sat/Lane:	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900
Adjustment:	0.92		1.00	0.92	0.92		1.00	0.92	0.95		0.99	0.92	0.92		1.00	0.92
Lanes:	0.00		2.00	1.00	1.00		2.00	0.00	0.32		2.68	1.00	0.00		0.00	0.00
Final Sat.:	0		3800	1750	1750		3800	0	574		5026	1750	0		0	0
Capacity Analysis Module:																
Vol/Sat:	0.00		0.07	0.03	0.09		0.09	0.00	0.29		0.29	0.28	0.00		0.00	0.00
Crit Moves:			****		****						****					
Green Time:	0.0		15.7	15.7	19.7		35.4	0.0	65.6		65.6	65.6	0.0		0.0	0.0
Volume/Cap:	0.00		0.48	0.20	0.48		0.27	0.00	0.48		0.48	0.48	0.00		0.00	0.00
Delay/Veh:	0.0		44.1	42.0	41.7		27.8	0.0	12.6		12.6	12.8	0.0		0.0	0.0
User DelAdj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
AdjDel/Veh:	0.0		44.1	42.0	41.7		27.8	0.0	12.6		12.6	12.8	0.0		0.0	0.0
LOS by Move:	A		D	D	D		C	A	B		B	B	A		A	A
HCM2kAvgQ:	0		4	2	5		4	0	10		10	10	0		0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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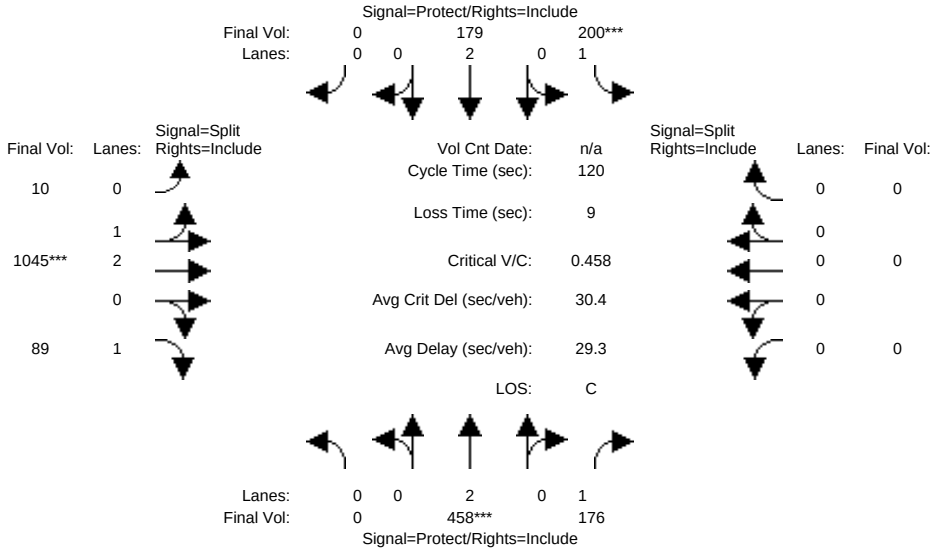
Background + Prj AM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	455	174	200	163	0	9	1041	87	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	455	174	200	163	0	9	1041	87	0	0	0
Added Vol:	0	3	2	0	16	0	1	4	2	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	458	176	200	179	0	10	1045	89	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	458	176	200	179	0	10	1045	89	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	458	176	200	179	0	10	1045	89	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	458	176	200	179	0	10	1045	89	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.98	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.03	2.97	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	53	5547	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.12	0.10	0.11	0.05	0.00	0.19	0.19	0.05	0.00	0.00	0.00
Crit Moves:		****		****				****				
Green Time:	0.0	31.6	31.6	30.0	61.6	0.0	49.4	49.4	49.4	0.0	0.0	0.0
Volume/Cap:	0.00	0.46	0.38	0.46	0.09	0.00	0.46	0.46	0.12	0.00	0.00	0.00
Delay/Veh:	0.0	37.3	36.7	38.9	14.9	0.0	25.7	25.7	22.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	37.3	36.7	38.9	14.9	0.0	25.7	25.7	22.0	0.0	0.0	0.0
LOS by Move:	A	D+	D+	D+	B	A	C	C	C+	A	A	A
HCM2kAvgQ:	0	7	6	6	2	0	9	9	2	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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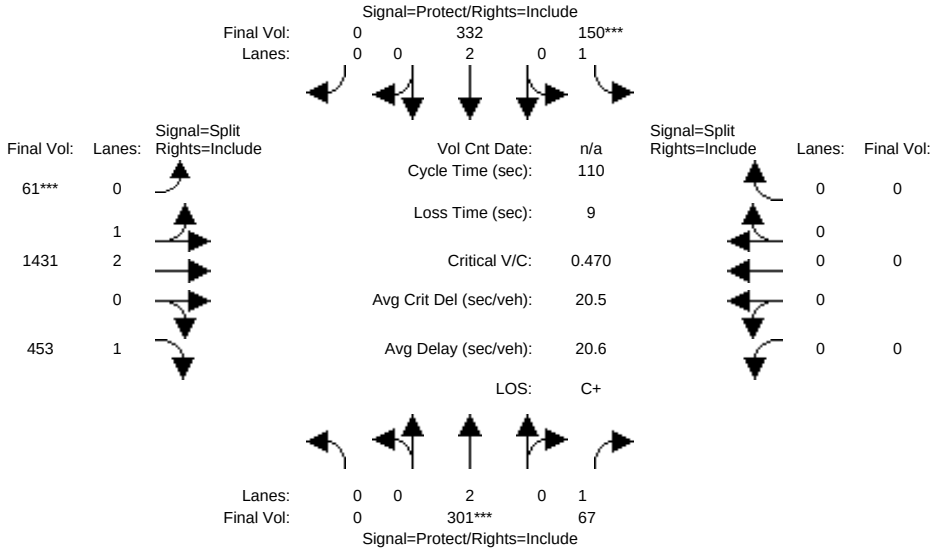
Background + Prj PM

Intersection #3639: LEIGH/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	294	63	150	321	0	59	1422	450	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	294	63	150	321	0	59	1422	450	0	0	0
Added Vol:	0	7	4	0	11	0	2	9	3	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	301	67	150	332	0	61	1431	453	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	301	67	150	332	0	61	1431	453	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	301	67	150	332	0	61	1431	453	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	301	67	150	332	0	61	1431	453	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.98	0.92	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.13	2.87	1.00	0.00	0.00	0.00
Final Sat.:	0	3800	1750	1750	3800	0	229	5371	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.08	0.04	0.09	0.09	0.00	0.27	0.27	0.26	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	18.5	18.5	20.1	38.6	0.0	62.4	62.4	62.4	0.0	0.0	0.0
Volume/Cap:	0.00	0.47	0.23	0.47	0.25	0.00	0.47	0.47	0.46	0.00	0.00	0.00
Delay/Veh:	0.0	41.8	39.9	41.3	25.5	0.0	14.2	14.2	14.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	41.8	39.9	41.3	25.5	0.0	14.2	14.2	14.2	0.0	0.0	0.0
LOS by Move:	A	D	D	D	C	A	B	B	B	A	A	A
HCM2kAvgQ:	0	4	2	5	4	0	10	10	9	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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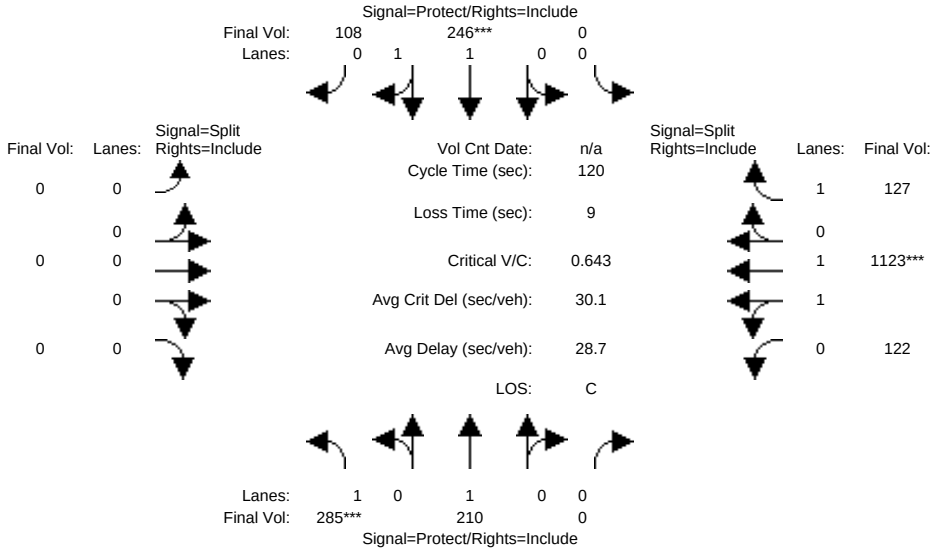
Background AM

Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	285	210	0	0	246	108	0	0	0	122	1123	127
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	285	210	0	0	246	108	0	0	0	122	1123	127
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	285	210	0	0	246	108	0	0	0	122	1123	127
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	285	210	0	0	246	108	0	0	0	122	1123	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	285	210	0	0	246	108	0	0	0	122	1123	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	285	210	0	0	246	108	0	0	0	122	1123	127
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.37	0.63	0.00	0.00	0.00	0.20	1.80	1.00
Final Sat.:	1750	1900	0	0	2570	1128	0	0	0	363	3337	1750
Capacity Analysis Module:												
Vol/Sat:	0.16	0.11	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.34	0.34	0.07
Crit Moves:	****				****						****	
Green Time:	30.4	48.2	0.0	0.0	17.9	17.9	0.0	0.0	0.0	62.8	62.8	62.8
Volume/Cap:	0.64	0.27	0.00	0.00	0.64	0.64	0.00	0.00	0.00	0.64	0.64	0.14
Delay/Veh:	43.2	24.3	0.0	0.0	50.7	50.7	0.0	0.0	0.0	21.3	21.3	14.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	43.2	24.3	0.0	0.0	50.7	50.7	0.0	0.0	0.0	21.3	21.3	14.8
LOS by Move:	D	C	A	A	D	D	A	A	A	C+	C+	B
HCM2kAvgQ:	10	5	0	0	7	7	0	0	0	17	17	3

Note: Queue reported is the number of cars per lane.

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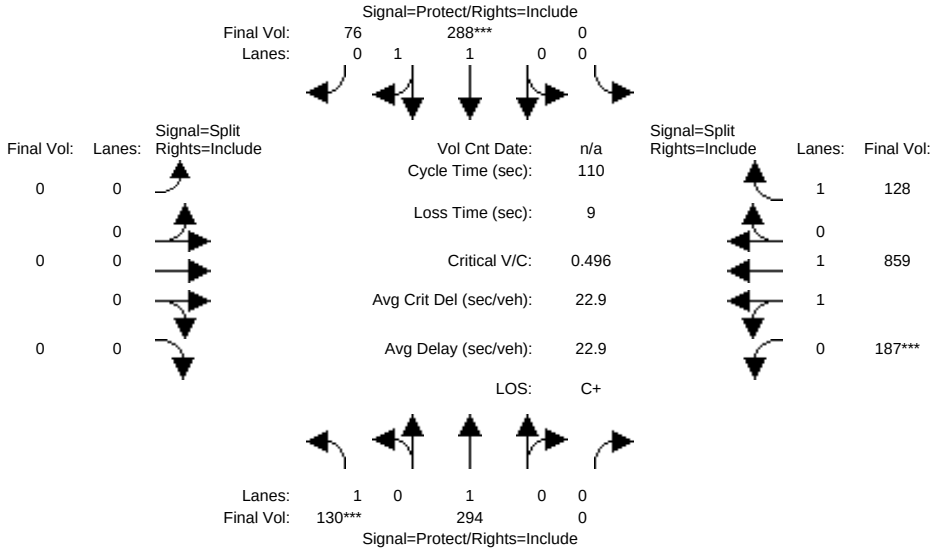
Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	130	294	0	0	288	76	0	0	0	187	859	128
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	294	0	0	288	76	0	0	0	187	859	128
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	294	0	0	288	76	0	0	0	187	859	128
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	130	294	0	0	288	76	0	0	0	187	859	128
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	294	0	0	288	76	0	0	0	187	859	128
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	130	294	0	0	288	76	0	0	0	187	859	128
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.57	0.43	0.00	0.00	0.00	0.37	1.63	1.00
Final Sat.:	1750	1900	0	0	2927	772	0	0	0	661	3038	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.15	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.28	0.28	0.07
Crit Moves:	****				****					****		
Green Time:	16.5	38.3	0.0	0.0	21.8	21.8	0.0	0.0	0.0	62.7	62.7	62.7
Volume/Cap:	0.50	0.44	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.50	0.50	0.13
Delay/Veh:	44.4	28.1	0.0	0.0	39.7	39.7	0.0	0.0	0.0	14.4	14.4	11.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.4	28.1	0.0	0.0	39.7	39.7	0.0	0.0	0.0	14.4	14.4	11.0
LOS by Move:	D	C	A	A	D	D	A	A	A	B	B	B+
HCM2kAvgQ:	4	7	0	0	6	6	0	0	0	11	11	2

Note: Queue reported is the number of cars per lane.

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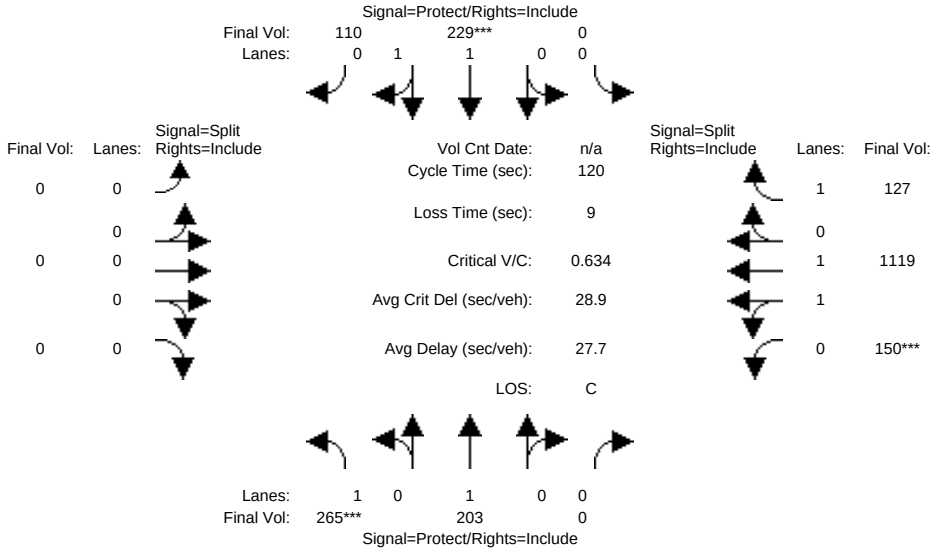
Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	264	200	0	0	221	110	0	0	0	142	1102	127
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	264	200	0	0	221	110	0	0	0	142	1102	127
Added Vol:	1	3	0	0	8	0	0	0	0	8	17	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	265	203	0	0	229	110	0	0	0	150	1119	127
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	265	203	0	0	229	110	0	0	0	150	1119	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	265	203	0	0	229	110	0	0	0	150	1119	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	265	203	0	0	229	110	0	0	0	150	1119	127
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.33	0.67	0.00	0.00	0.00	0.24	1.76	1.00
Final Sat.:	1750	1900	0	0	2499	1200	0	0	0	437	3262	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.34	0.34	0.07
Crit Moves:	****				****					****		
Green Time:	28.7	46.0	0.0	0.0	17.4	17.4	0.0	0.0	0.0	65.0	65.0	65.0
Volume/Cap:	0.63	0.28	0.00	0.00	0.63	0.63	0.00	0.00	0.00	0.63	0.63	0.13
Delay/Veh:	44.1	25.7	0.0	0.0	50.8	50.8	0.0	0.0	0.0	19.9	19.9	13.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.1	25.7	0.0	0.0	50.8	50.8	0.0	0.0	0.0	19.9	19.9	13.7
LOS by Move:	D	C	A	A	D	D	A	A	A	B-	B-	B
HCM2kAvgQ:	9	5	0	0	7	7	0	0	0	17	17	2

Note: Queue reported is the number of cars per lane.

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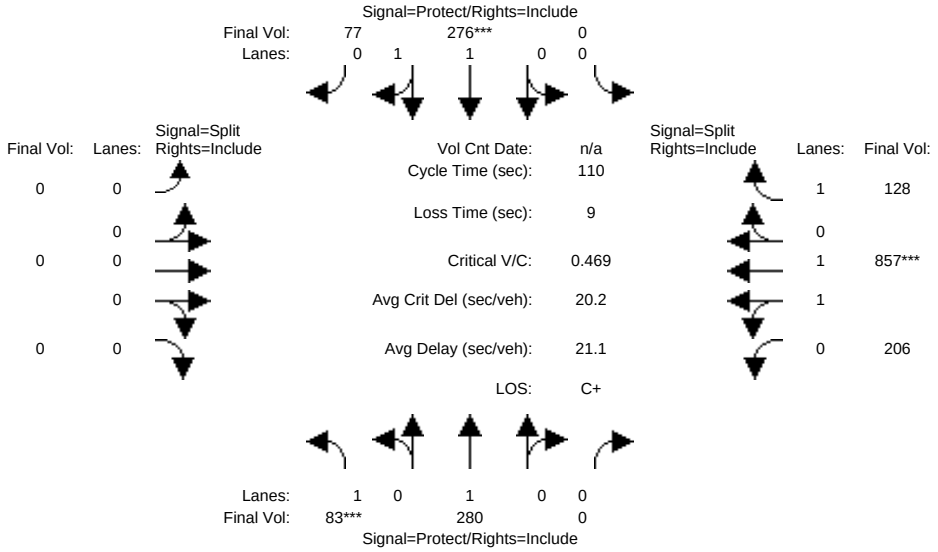
Intersection #3640: LEIGH/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	80	273	0	0	270	77	0	0	0	201	845	128
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	80	273	0	0	270	77	0	0	0	201	845	128
Added Vol:	3	7	0	0	6	0	0	0	0	5	12	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	83	280	0	0	276	77	0	0	0	206	857	128
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	83	280	0	0	276	77	0	0	0	206	857	128
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	83	280	0	0	276	77	0	0	0	206	857	128
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	83	280	0	0	276	77	0	0	0	206	857	128
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	1.55	0.45	0.00	0.00	0.00	0.40	1.60	1.00
Final Sat.:	1750	1900	0	0	2892	807	0	0	0	717	2982	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.15	0.00	0.00	0.10	0.10	0.00	0.00	0.00	0.29	0.29	0.07
Crit Moves:	****				****						****	
Green Time:	11.1	33.5	0.0	0.0	22.4	22.4	0.0	0.0	0.0	67.5	67.5	67.5
Volume/Cap:	0.47	0.48	0.00	0.00	0.47	0.47	0.00	0.00	0.00	0.47	0.47	0.12
Delay/Veh:	48.6	31.8	0.0	0.0	39.0	39.0	0.0	0.0	0.0	11.7	11.7	8.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	48.6	31.8	0.0	0.0	39.0	39.0	0.0	0.0	0.0	11.7	11.7	8.9
LOS by Move:	D	C	A	A	D	D	A	A	A	B+	B+	A
HCM2kAvgQ:	3	7	0	0	6	6	0	0	0	10	10	2

Note: Queue reported is the number of cars per lane.

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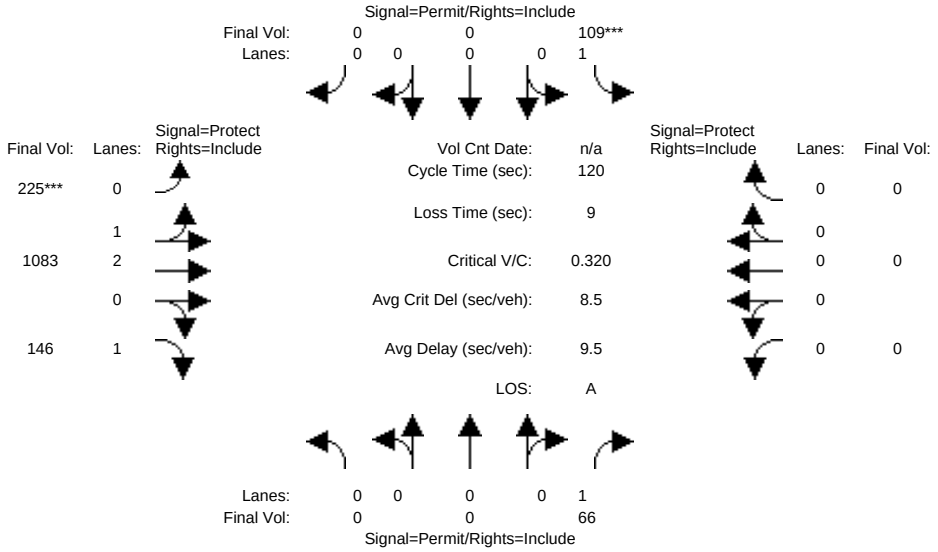
Intersection #3944: LELAND/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	0	10	10	0	0	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	0	66	109	0	0	225	1083	146	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	66	109	0	0	225	1083	146	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	66	109	0	0	225	1083	146	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	66	109	0	0	225	1083	146	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	66	109	0	0	225	1083	146	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	66	109	0	0	225	1083	146	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	1.00	1.00	0.00	0.00	0.54	2.46	1.00	0.00	0.00	0.00
Final Sat.:	0	0	1750	1750	0	0	963	4635	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.04	0.06	0.00	0.00	0.23	0.23	0.08	0.00	0.00	0.00
Crit Moves:				****			****					
Green Time:	0.0	0.0	23.4	23.4	0.0	0.0	87.6	87.6	87.6	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.19	0.32	0.00	0.00	0.32	0.32	0.11	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	40.7	42.0	0.0	0.0	5.7	5.7	4.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	40.7	42.0	0.0	0.0	5.7	5.7	4.8	0.0	0.0	0.0
LOS by Move:	A	A	D	D	A	A	A	A	A	A	A	A
HCM2kAvgQ:	0	0	2	4	0	0	6	6	2	0	0	0

Note: Queue reported is the number of cars per lane.

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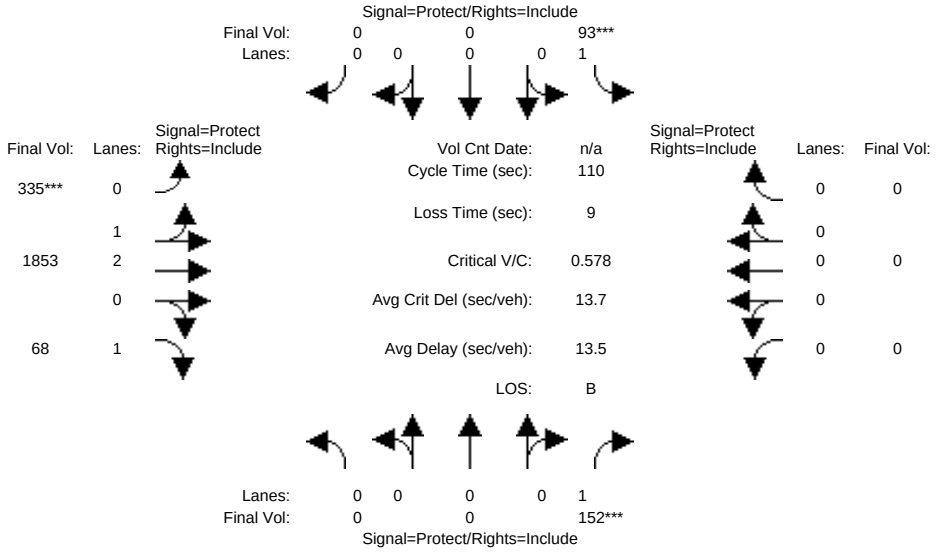
Intersection #3944: LELAND/MOORPARK



Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	0	0	10		10	0	0		10	10	10		0	0	0	
Y+R:	4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	
Volume Module:																
Base Vol:	0	0	152		93	0	0		335	1853	68		0	0	0	
Growth Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
Initial Bse:	0	0	152		93	0	0		335	1853	68		0	0	0	
Added Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
PasserByVol:	0	0	0		0	0	0		0	0	0		0	0	0	
Initial Fut:	0	0	152		93	0	0		335	1853	68		0	0	0	
User Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
PHF Volume:	0	0	152		93	0	0		335	1853	68		0	0	0	
Reduct Vol:	0	0	0		0	0	0		0	0	0		0	0	0	
Reduced Vol:	0	0	152		93	0	0		335	1853	68		0	0	0	
PCE Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
MLF Adj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
FinalVolume:	0	0	152		93	0	0		335	1853	68		0	0	0	
Saturation Flow Module:																
Sat/Lane:	1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900	
Adjustment:	0.92	1.00	0.92		0.92	1.00	0.92		0.95	0.99	0.92		0.92	1.00	0.92	
Lanes:	0.00	0.00	1.00		1.00	0.00	0.00		0.48	2.52	1.00		0.00	0.00	0.00	
Final Sat.:	0	0	1750		1750	0	0		857	4741	1750		0	0	0	
Capacity Analysis Module:																
Vol/Sat:	0.00	0.00	0.09		0.05	0.00	0.00		0.39	0.39	0.04		0.00	0.00	0.00	
Crit Moves:			****		****				****							
Green Time:	0.0	0.0	16.5		10.1	0.0	0.0		74.4	74.4	74.4		0.0	0.0	0.0	
Volume/Cap:	0.00	0.00	0.58		0.58	0.00	0.00		0.58	0.58	0.06		0.00	0.00	0.00	
Delay/Veh:	0.0	0.0	46.7		53.0	0.0	0.0		9.7	9.7	6.0		0.0	0.0	0.0	
User DelAdj:	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	
AdjDel/Veh:	0.0	0.0	46.7		53.0	0.0	0.0		9.7	9.7	6.0		0.0	0.0	0.0	
LOS by Move:	A	A	D		D-	A	A		A	A	A		A	A	A	
HCM2kAvgQ:	0	0	6		3	0	0		13	13	1		0	0	0	

Note: Queue reported is the number of cars per lane.

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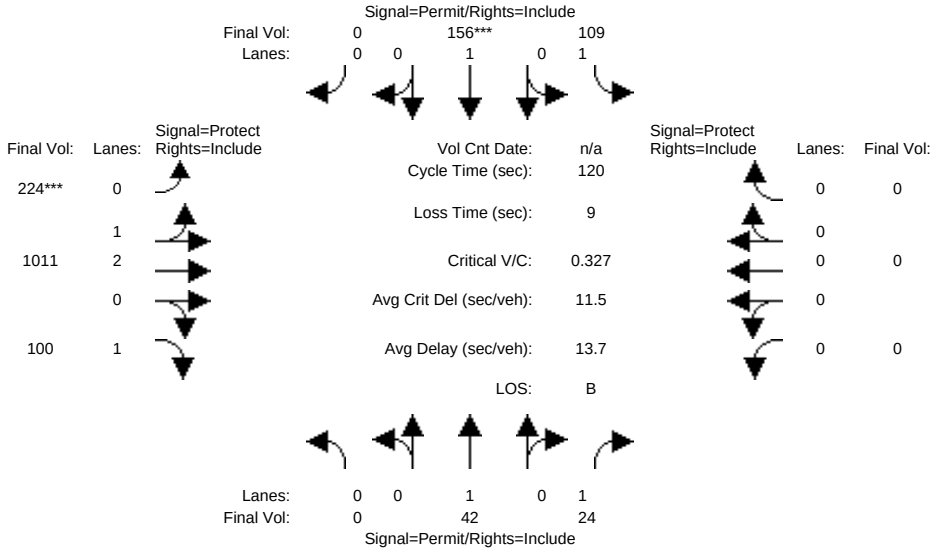
Intersection #3944: LELAND/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	36	21	109	134	0	222	1007	75	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	36	21	109	134	0	222	1007	75	0	0	0
Added Vol:	0	6	3	0	22	0	2	4	25	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	42	24	109	156	0	224	1011	100	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	42	24	109	156	0	224	1011	100	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	42	24	109	156	0	224	1011	100	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	42	24	109	156	0	224	1011	100	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	1.00	1.00	1.00	1.00	0.00	0.56	2.44	1.00	0.00	0.00	0.00
Final Sat.:	0	1900	1750	1750	1900	0	1015	4583	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.02	0.01	0.06	0.08	0.00	0.22	0.22	0.06	0.00	0.00	0.00
Crit Moves:					****		****					
Green Time:	0.0	30.1	30.1	30.1	30.1	0.0	80.9	80.9	80.9	0.0	0.0	0.0
Volume/Cap:	0.00	0.09	0.05	0.25	0.33	0.00	0.33	0.33	0.08	0.00	0.00	0.00
Delay/Veh:	0.0	34.5	34.2	36.2	37.1	0.0	8.2	8.2	6.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	34.5	34.2	36.2	37.1	0.0	8.2	8.2	6.8	0.0	0.0	0.0
LOS by Move:	A	C-	C-	D+	D+	A	A	A	A	A	A	A
HCM2kAvgQ:	0	1	1	3	4	0	6	6	1	0	0	0

Note: Queue reported is the number of cars per lane.

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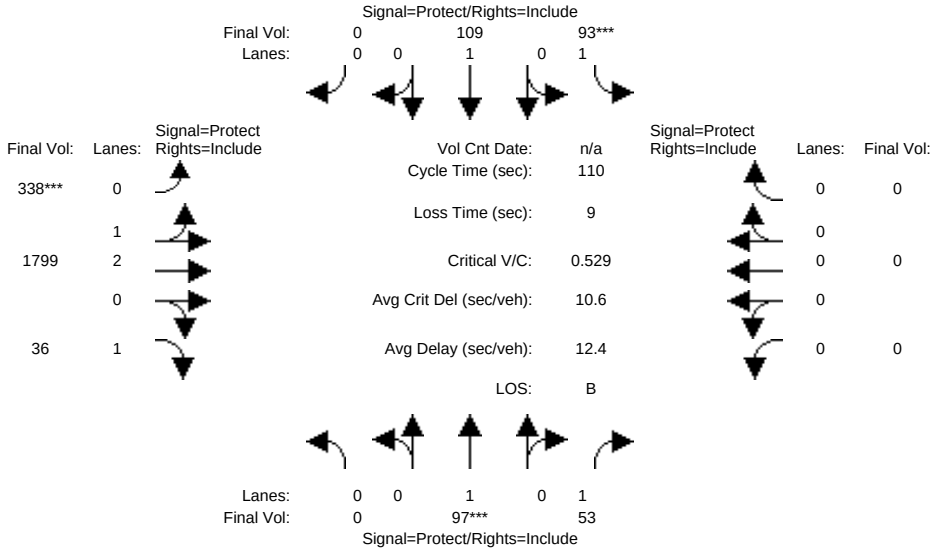
Intersection #3944: LELAND/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	83	46	93	93	0	335	1792	18	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	83	46	93	93	0	335	1792	18	0	0	0
Added Vol:	0	14	7	0	16	0	3	7	18	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	97	53	93	109	0	338	1799	36	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	97	53	93	109	0	338	1799	36	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	97	53	93	109	0	338	1799	36	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	97	53	93	109	0	338	1799	36	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.95	0.99	0.92	0.92	1.00	0.92
Lanes:	0.00	1.00	1.00	1.00	1.00	0.00	0.49	2.51	1.00	0.00	0.00	0.00
Final Sat.:	0	1900	1750	1750	1900	0	886	4713	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.05	0.03	0.05	0.06	0.00	0.38	0.38	0.02	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	10.6	10.6	11.0	21.7	0.0	79.3	79.3	79.3	0.0	0.0	0.0
Volume/Cap:	0.00	0.53	0.31	0.53	0.29	0.00	0.53	0.53	0.03	0.00	0.00	0.00
Delay/Veh:	0.0	50.2	47.4	50.0	38.1	0.0	7.0	7.0	4.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	50.2	47.4	50.0	38.1	0.0	7.0	7.0	4.4	0.0	0.0	0.0
LOS by Move:	A	D	D	D	D+	A	A	A	A	A	A	A
HCM2kAvgQ:	0	4	2	3	3	0	11	11	0	0	0	0

Note: Queue reported is the number of cars per lane.

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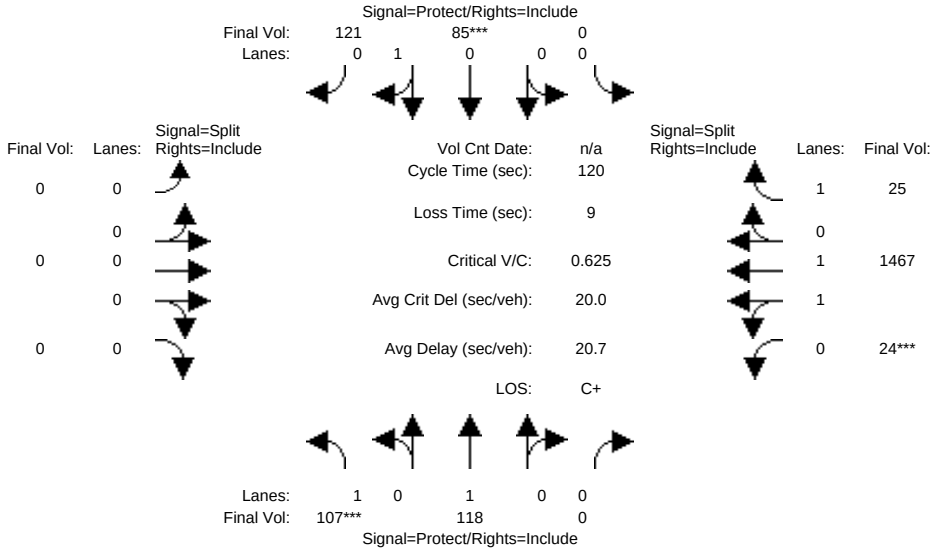
Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	107	118	0	0	85	121	0	0	0	24	1467	25
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	107	118	0	0	85	121	0	0	0	24	1467	25
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	107	118	0	0	85	121	0	0	0	24	1467	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	107	118	0	0	85	121	0	0	0	24	1467	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	107	118	0	0	85	121	0	0	0	24	1467	25
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	107	118	0	0	85	121	0	0	0	24	1467	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.97	0.92
Lanes:	1.00	1.00	0.00	0.00	0.41	0.59	0.00	0.00	0.00	0.03	1.97	1.00
Final Sat.:	1750	1900	0	0	743	1057	0	0	0	60	3640	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.00	0.00	0.11	0.11	0.00	0.00	0.00	0.40	0.40	0.01
Crit Moves:	****				****					****		
Green Time:	11.7	33.7	0.0	0.0	22.0	22.0	0.0	0.0	0.0	77.3	77.3	77.3
Volume/Cap:	0.63	0.22	0.00	0.00	0.63	0.63	0.00	0.00	0.00	0.63	0.63	0.02
Delay/Veh:	59.1	33.3	0.0	0.0	49.0	49.0	0.0	0.0	0.0	13.2	13.2	7.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	59.1	33.3	0.0	0.0	49.0	49.0	0.0	0.0	0.0	13.2	13.2	7.7
LOS by Move:	E+	C-	A	A	D	D	A	A	A	B	B	A
HCM2kAvgQ:	4	3	0	0	8	8	0	0	0	16	16	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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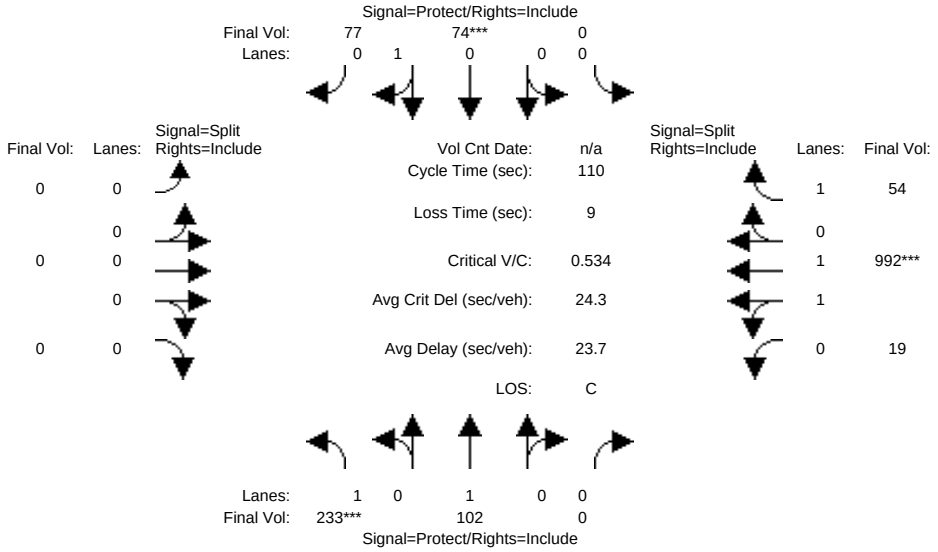
Background PM

Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	233	102	0	0	74	77	0	0	0	19	992	54
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	233	102	0	0	74	77	0	0	0	19	992	54
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	233	102	0	0	74	77	0	0	0	19	992	54
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	233	102	0	0	74	77	0	0	0	19	992	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	233	102	0	0	74	77	0	0	0	19	992	54
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	233	102	0	0	74	77	0	0	0	19	992	54
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.97	0.92
Lanes:	1.00	1.00	0.00	0.00	0.49	0.51	0.00	0.00	0.00	0.04	1.96	1.00
Final Sat.:	1750	1900	0	0	882	918	0	0	0	70	3630	1750
Capacity Analysis Module:												
Vol/Sat:	0.13	0.05	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.27	0.27	0.03
Crit Moves:	****				****						****	
Green Time:	27.4	44.7	0.0	0.0	17.3	17.3	0.0	0.0	0.0	56.3	56.3	56.3
Volume/Cap:	0.53	0.13	0.00	0.00	0.53	0.53	0.00	0.00	0.00	0.53	0.53	0.06
Delay/Veh:	37.0	20.6	0.0	0.0	44.6	44.6	0.0	0.0	0.0	18.3	18.3	13.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	37.0	20.6	0.0	0.0	44.6	44.6	0.0	0.0	0.0	18.3	18.3	13.6
LOS by Move:	D+	C+	A	A	D	D	A	A	A	B-	B-	B
HCM2kAvgQ:	7	2	0	0	6	6	0	0	0	11	11	1

Note: Queue reported is the number of cars per lane.

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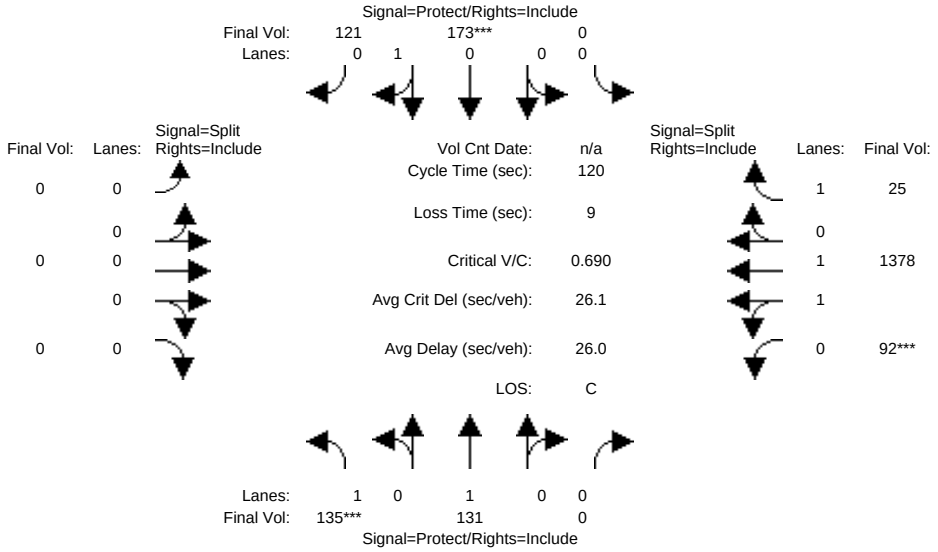
Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	130	128	0	0	161	121	0	0	0	82	1369	25
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	128	0	0	161	121	0	0	0	82	1369	25
Added Vol:	5	3	0	0	12	0	0	0	0	10	9	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	135	131	0	0	173	121	0	0	0	92	1378	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	135	131	0	0	173	121	0	0	0	92	1378	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	135	131	0	0	173	121	0	0	0	92	1378	25
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	135	131	0	0	173	121	0	0	0	92	1378	25
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	0.59	0.41	0.00	0.00	0.00	0.13	1.87	1.00
Final Sat.:	1750	1900	0	0	1059	741	0	0	0	232	3468	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.07	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.40	0.40	0.01
Crit Moves:	****				****					****		
Green Time:	13.4	41.9	0.0	0.0	28.4	28.4	0.0	0.0	0.0	69.1	69.1	69.1
Volume/Cap:	0.69	0.20	0.00	0.00	0.69	0.69	0.00	0.00	0.00	0.69	0.69	0.02
Delay/Veh:	61.3	27.5	0.0	0.0	46.5	46.5	0.0	0.0	0.0	18.9	18.9	10.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.3	27.5	0.0	0.0	46.5	46.5	0.0	0.0	0.0	18.9	18.9	10.9
LOS by Move:	E	C	A	A	D	D	A	A	A	B-	B-	B+
HCM2kAvgQ:	5	3	0	0	11	11	0	0	0	19	19	0

Note: Queue reported is the number of cars per lane.

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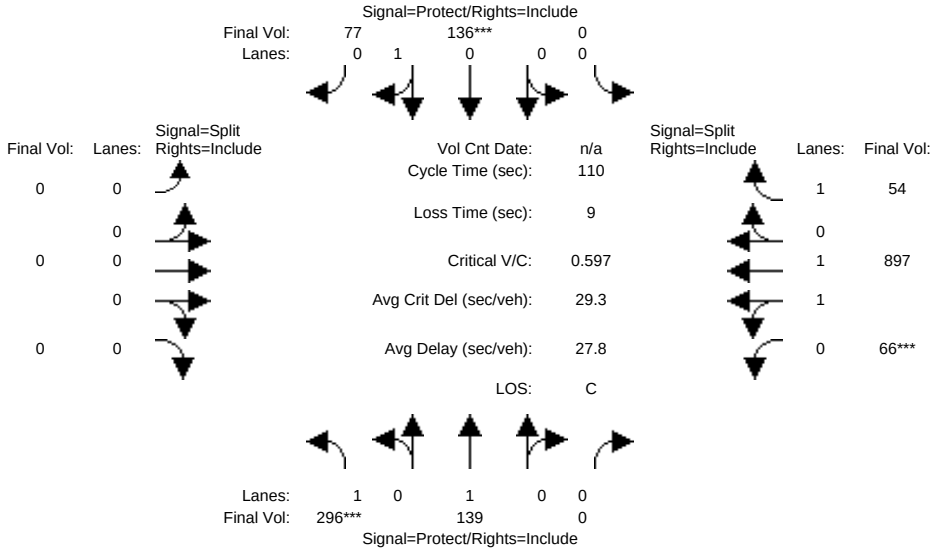
Intersection #3945: LELAND/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	286	132	0	0	127	77	0	0	0	59	889	54
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	286	132	0	0	127	77	0	0	0	59	889	54
Added Vol:	10	7	0	0	9	0	0	0	0	7	8	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	296	139	0	0	136	77	0	0	0	66	897	54
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	296	139	0	0	136	77	0	0	0	66	897	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	296	139	0	0	136	77	0	0	0	66	897	54
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	296	139	0	0	136	77	0	0	0	66	897	54
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.95	0.98	0.92
Lanes:	1.00	1.00	0.00	0.00	0.64	0.36	0.00	0.00	0.00	0.14	1.86	1.00
Final Sat.:	1750	1900	0	0	1149	651	0	0	0	254	3446	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.07	0.00	0.00	0.12	0.12	0.00	0.00	0.00	0.26	0.26	0.03
Crit Moves:	****				****					****		
Green Time:	31.2	53.0	0.0	0.0	21.8	21.8	0.0	0.0	0.0	48.0	48.0	48.0
Volume/Cap:	0.60	0.15	0.00	0.00	0.60	0.60	0.00	0.00	0.00	0.60	0.60	0.07
Delay/Veh:	36.0	16.0	0.0	0.0	42.8	42.8	0.0	0.0	0.0	24.2	24.2	18.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.0	16.0	0.0	0.0	42.8	42.8	0.0	0.0	0.0	24.2	24.2	18.1
LOS by Move:	D+	B	A	A	D	D	A	A	A	C	C	B-
HCM2kAvgQ:	9	2	0	0	8	8	0	0	0	12	12	1

Note: Queue reported is the number of cars per lane.

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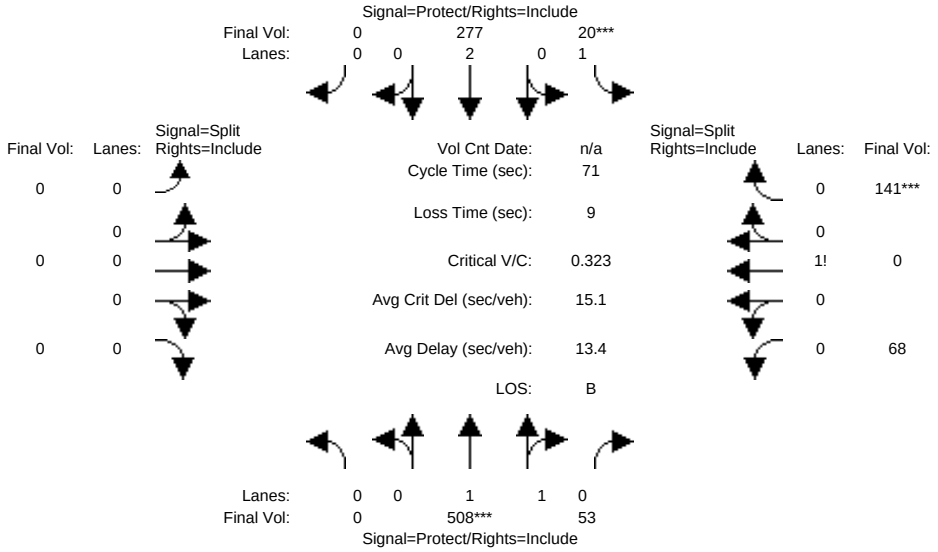
Intersection #4101: LEIGH/KINGMAN



Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	508	53	20	277	0	0	0	0	68	0	141
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	508	53	20	277	0	0	0	0	68	0	141
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	508	53	20	277	0	0	0	0	68	0	141
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	508	53	20	277	0	0	0	0	68	0	141
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	508	53	20	277	0	0	0	0	68	0	141
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	508	53	20	277	0	0	0	0	68	0	141
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.92	0.92
Lanes:	0.00	1.81	0.19	1.00	2.00	0.00	0.00	0.00	0.00	0.33	0.00	0.67
Final Sat.:	0	3350	350	1750	3800	0	0	0	0	569	0	1181
Capacity Analysis Module:												
Vol/Sat:	0.00	0.15	0.15	0.01	0.07	0.00	0.00	0.00	0.00	0.12	0.00	0.12
Crit Moves:		****		****								****
Green Time:	0.0	30.8	30.8	7.0	37.8	0.0	0.0	0.0	0.0	24.2	0.0	24.2
Volume/Cap:	0.00	0.35	0.35	0.12	0.14	0.00	0.00	0.00	0.00	0.35	0.00	0.35
Delay/Veh:	0.0	13.6	13.6	29.5	8.4	0.0	0.0	0.0	0.0	17.8	0.0	17.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	13.6	13.6	29.5	8.4	0.0	0.0	0.0	0.0	17.8	0.0	17.8
LOS by Move:	A	B	B	C	A	A	A	A	A	B	A	B
HCM2kAvgQ:	0	4	4	0	1	0	0	0	0	4	0	4

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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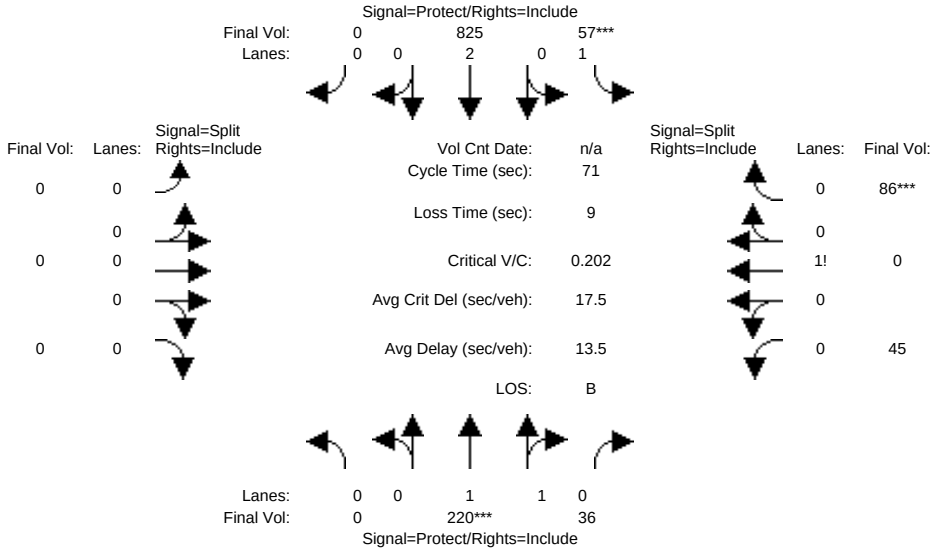
Background PM

Intersection #4101: LEIGH/KINGMAN



Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	0	220	36	57	825	0	0	0	0	45	0	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	220	36	57	825	0	0	0	0	45	0	86
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	220	36	57	825	0	0	0	0	45	0	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	220	36	57	825	0	0	0	0	45	0	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	220	36	57	825	0	0	0	0	45	0	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	220	36	57	825	0	0	0	0	45	0	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.92	0.92
Lanes:	0.00	1.71	0.29	1.00	2.00	0.00	0.00	0.00	0.00	0.34	0.00	0.66
Final Sat.:	0	3179	520	1750	3800	0	0	0	0	601	0	1149
Capacity Analysis Module:												
Vol/Sat:	0.00	0.07	0.07	0.03	0.22	0.00	0.00	0.00	0.00	0.07	0.00	0.07
Crit Moves:		****		****								****
Green Time:	0.0	24.3	24.3	11.4	35.7	0.0	0.0	0.0	0.0	26.3	0.0	26.3
Volume/Cap:	0.00	0.20	0.20	0.20	0.43	0.00	0.00	0.00	0.00	0.20	0.00	0.20
Delay/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	16.6	16.6	26.2	11.4	0.0	0.0	0.0	0.0	15.4	0.0	15.4
LOS by Move:	A	B	B	C	B+	A	A	A	A	B	A	B
HCM2kAvgQ:	0	2	2	1	6	0	0	0	0	2	0	2

Note: Queue reported is the number of cars per lane.

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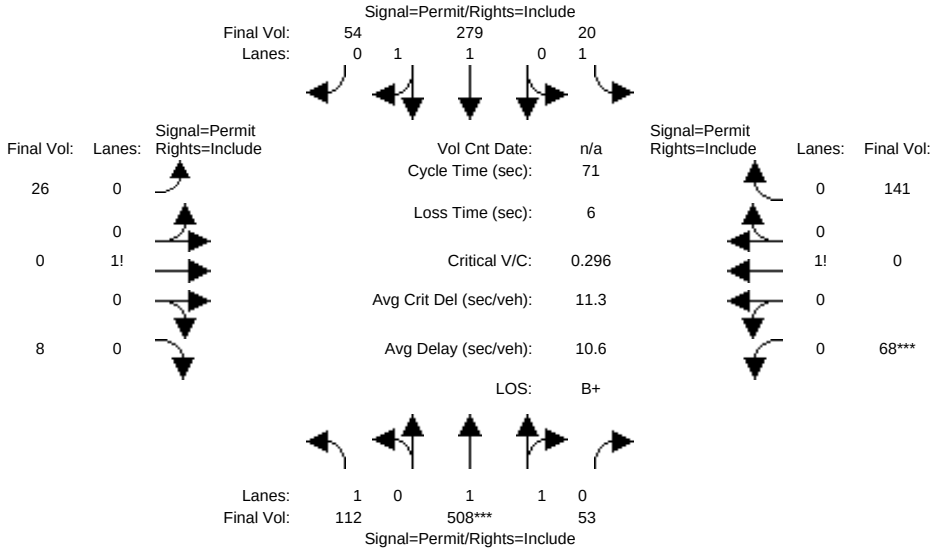
Intersection #4101: LEIGH/KINGMAN



Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	92	508	53	20	275	40	21	0	6	68	0	141
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	92	508	53	20	275	40	21	0	6	68	0	141
Added Vol:	20	0	0	0	4	14	5	0	2	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	112	508	53	20	279	54	26	0	8	68	0	141
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	112	508	53	20	279	54	26	0	8	68	0	141
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	112	508	53	20	279	54	26	0	8	68	0	141
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	112	508	53	20	279	54	26	0	8	68	0	141
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.81	0.19	1.00	1.67	0.33	0.76	0.00	0.24	0.33	0.00	0.67
Final Sat.:	1750	3350	350	1750	3100	600	1338	0	412	569	0	1181
Capacity Analysis Module:												
Vol/Sat:	0.06	0.15	0.15	0.01	0.09	0.09	0.02	0.00	0.02	0.12	0.00	0.12
Crit Moves:		****								****		
Green Time:	36.4	36.4	36.4	36.4	36.4	36.4	28.6	0.0	28.6	28.6	0.0	28.6
Volume/Cap:	0.12	0.30	0.30	0.02	0.18	0.18	0.05	0.00	0.05	0.30	0.00	0.30
Delay/Veh:	9.1	10.0	10.0	8.6	9.3	9.3	12.9	0.0	12.9	14.6	0.0	14.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	9.1	10.0	10.0	8.6	9.3	9.3	12.9	0.0	12.9	14.6	0.0	14.6
LOS by Move:	A	B+	B+	A	A	A	B	A	B	B	A	B
HCM2kAvgQ:	1	3	3	0	2	2	0	0	0	3	0	3

Note: Queue reported is the number of cars per lane.

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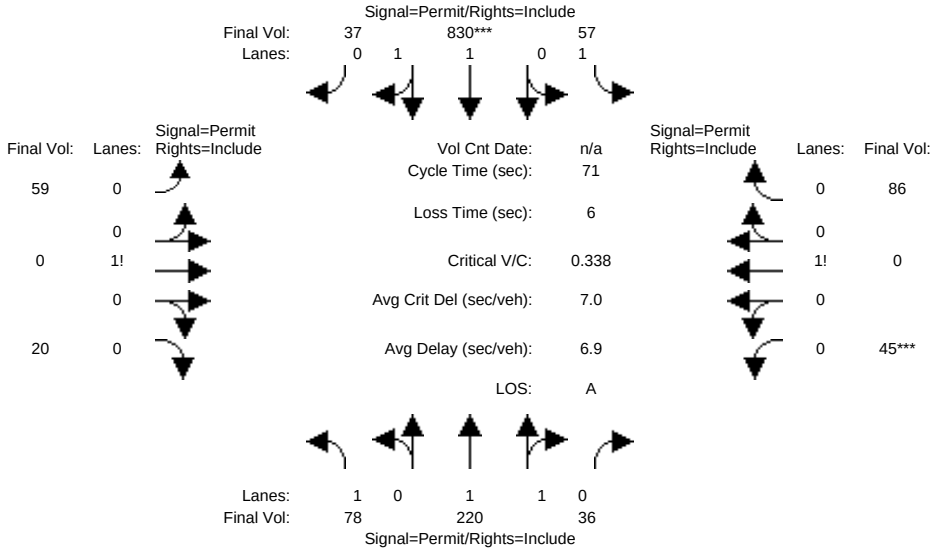
Intersection #4101: LEIGH/KINGMAN



Street Name:	LEIGH						KINGMAN					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	64	220	36	57	821	28	48	0	15	45	0	86
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	64	220	36	57	821	28	48	0	15	45	0	86
Added Vol:	14	0	0	0	9	9	11	0	5	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	78	220	36	57	830	37	59	0	20	45	0	86
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	78	220	36	57	830	37	59	0	20	45	0	86
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	78	220	36	57	830	37	59	0	20	45	0	86
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	78	220	36	57	830	37	59	0	20	45	0	86
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	1.71	0.29	1.00	1.91	0.09	0.75	0.00	0.25	0.34	0.00	0.66
Final Sat.:	1750	3179	520	1750	3542	158	1307	0	443	601	0	1149
Capacity Analysis Module:												
Vol/Sat:	0.04	0.07	0.07	0.03	0.23	0.23	0.05	0.00	0.05	0.07	0.00	0.07
Crit Moves:					****					****		
Green Time:	49.3	49.3	49.3	49.3	49.3	49.3	15.7	0.0	15.7	15.7	0.0	15.7
Volume/Cap:	0.06	0.10	0.10	0.05	0.34	0.34	0.20	0.00	0.20	0.34	0.00	0.34
Delay/Veh:	3.5	3.6	3.6	3.5	4.4	4.4	22.8	0.0	22.8	23.8	0.0	23.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	3.5	3.6	3.6	3.5	4.4	4.4	22.8	0.0	22.8	23.8	0.0	23.8
LOS by Move:	A	A	A	A	A	A	C+	A	C+	C	A	C
HCM2kAvgQ:	1	1	1	0	4	4	2	0	2	3	0	3

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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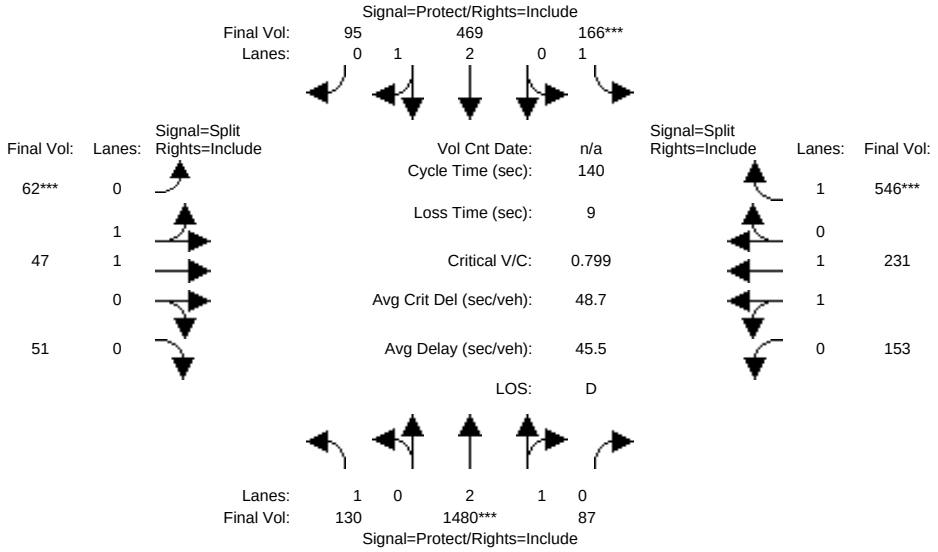
Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	130	1480	87	166	469	95	62	47	51	153	231	546
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	1480	87	166	469	95	62	47	51	153	231	546
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	1480	87	166	469	95	62	47	51	153	231	546
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	130	1480	87	166	469	95	62	47	51	153	231	546
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	1480	87	166	469	95	62	47	51	153	231	546
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	130	1480	87	166	469	95	62	47	51	153	231	546
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.49	0.95	0.95	0.60	0.99	0.92
Lanes:	1.00	2.83	0.17	1.00	2.48	0.52	1.10	0.43	0.47	1.00	1.00	1.00
Final Sat.:	1750	5289	311	1750	4655	943	1021	774	840	1131	1883	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.28	0.28	0.09	0.10	0.10	0.06	0.06	0.06	0.14	0.12	0.31
Crit Moves:		****		****			****					****
Green Time:	27.9	49.0	49.0	16.6	37.8	37.8	10.6	10.6	10.6	54.7	54.7	54.7
Volume/Cap:	0.37	0.80	0.80	0.80	0.37	0.37	0.80	0.80	0.80	0.35	0.31	0.80
Delay/Veh:	49.2	43.4	43.4	79.3	41.6	41.6	83.5	83.5	83.5	30.3	29.8	44.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.2	43.4	43.4	79.3	41.6	41.6	83.5	83.5	83.5	30.3	29.8	44.4
LOS by Move:	D	D	D	E-	D	D	F	F	F	C	C	D
HCM2kAvgQ:	5	22	22	8	6	6	4	7	7	5	7	23

Note: Queue reported is the number of cars per lane.

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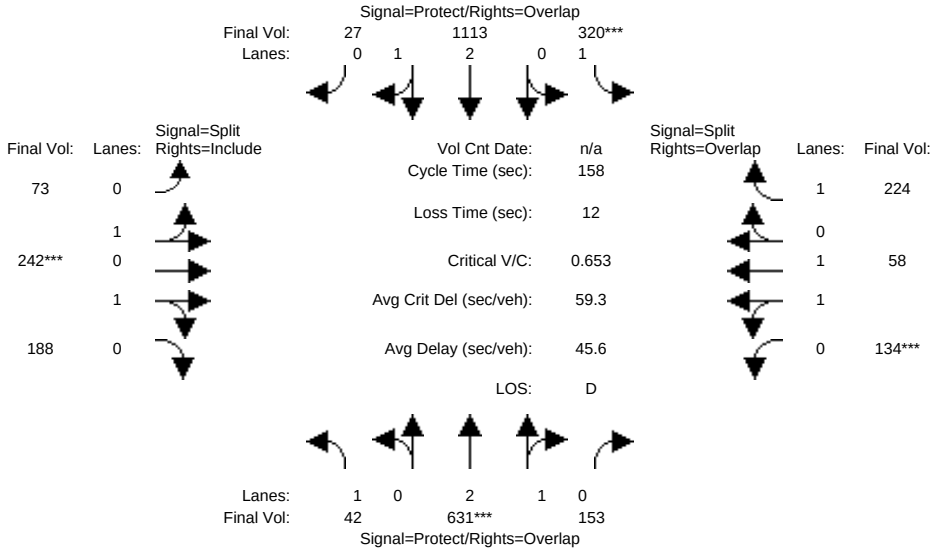
Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	8	45	45	35	72	72	27	32	32	36	31	31
Y+R:	5.1	5.1	5.1	5.0	5.1	5.1	5.4	5.4	5.4	5.2	5.2	5.2
Volume Module:												
Base Vol:	42	631	153	320	1113	27	73	242	188	134	58	224
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	631	153	320	1113	27	73	242	188	134	58	224
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	631	153	320	1113	27	73	242	188	134	58	224
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	631	153	320	1113	27	73	242	188	134	58	224
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	631	153	320	1113	27	73	242	188	134	58	224
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	631	153	320	1113	27	73	242	188	134	58	224
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.49	0.95	0.95	0.58	1.00	0.92
Lanes:	1.00	2.39	0.61	1.00	2.93	0.07	0.50	0.84	0.66	1.00	1.00	1.00
Final Sat.:	1750	4506	1093	1750	5467	133	459	1523	1183	1100	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.14	0.18	0.20	0.20	0.16	0.16	0.16	0.12	0.03	0.13
Crit Moves:		****		****				****		****		
Green Time:	7.9	44.4	80.0	34.6	71.1	102.7	31.6	31.6	31.6	35.6	35.6	70.1
Volume/Cap:	0.48	0.50	0.28	0.84	0.45	0.31	0.79	0.79	0.79	0.54	0.14	0.29
Delay/Veh:	78.1	48.3	22.7	74.5	30.5	12.4	67.7	67.7	67.7	56.4	49.6	28.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.1	48.3	22.7	74.5	30.5	12.4	67.7	67.7	67.7	56.4	49.6	28.6
LOS by Move:	E-	D	C+	E	C	B	E	E	E	E+	D	C
HCM2kAvgQ:	3	11	7	17	13	8	9	16	16	6	2	7

Note: Queue reported is the number of cars per lane.

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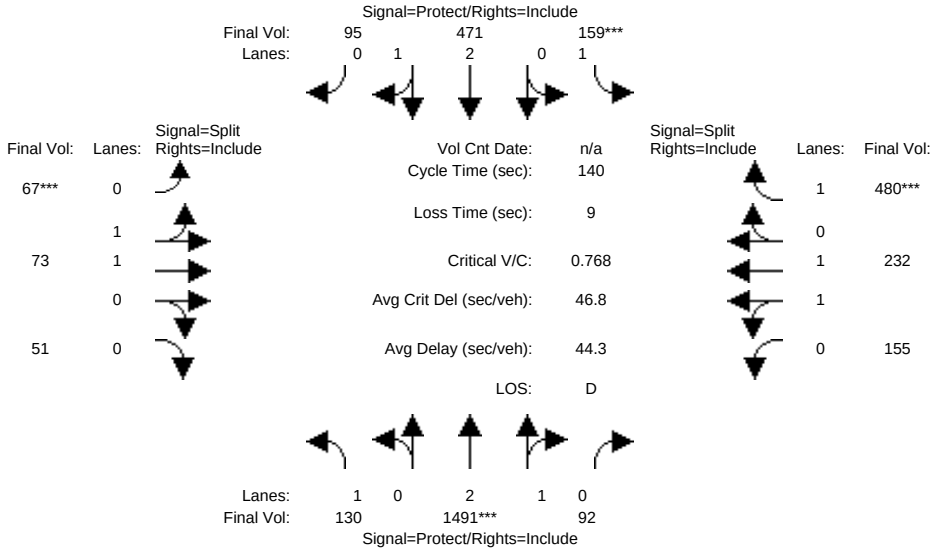
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background + Prj AM

Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	130	1475	91	159	469	95	65	69	51	153	231	479
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	130	1475	91	159	469	95	65	69	51	153	231	479
Added Vol:	0	16	1	0	2	0	2	4	0	2	1	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	130	1491	92	159	471	95	67	73	51	155	232	480
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	130	1491	92	159	471	95	67	73	51	155	232	480
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	130	1491	92	159	471	95	67	73	51	155	232	480
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	130	1491	92	159	471	95	67	73	51	155	232	480
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.49	0.95	0.95	0.60	0.99	0.92
Lanes:	1.00	2.82	0.18	1.00	2.48	0.52	1.03	0.57	0.40	1.00	1.00	1.00
Final Sat.:	1750	5274	325	1750	4659	940	948	1033	722	1131	1883	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.28	0.28	0.09	0.10	0.10	0.07	0.07	0.07	0.14	0.12	0.27
Crit Moves:		****		****			****					****
Green Time:	28.8	51.5	51.5	16.6	39.3	39.3	12.9	12.9	12.9	50.0	50.0	50.0
Volume/Cap:	0.36	0.77	0.77	0.77	0.36	0.36	0.77	0.77	0.77	0.38	0.34	0.77
Delay/Veh:	48.3	40.8	40.8	75.7	40.5	40.5	75.6	75.6	75.6	33.8	33.2	45.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	48.3	40.8	40.8	75.7	40.5	40.5	75.6	75.6	75.6	33.8	33.2	45.6
LOS by Move:	D	D	D	E-	D	D	E-	E-	E-	C-	C-	D
HCM2kAvgQ:	5	21	21	7	6	6	5	7	7	5	7	20

Note: Queue reported is the number of cars per lane.

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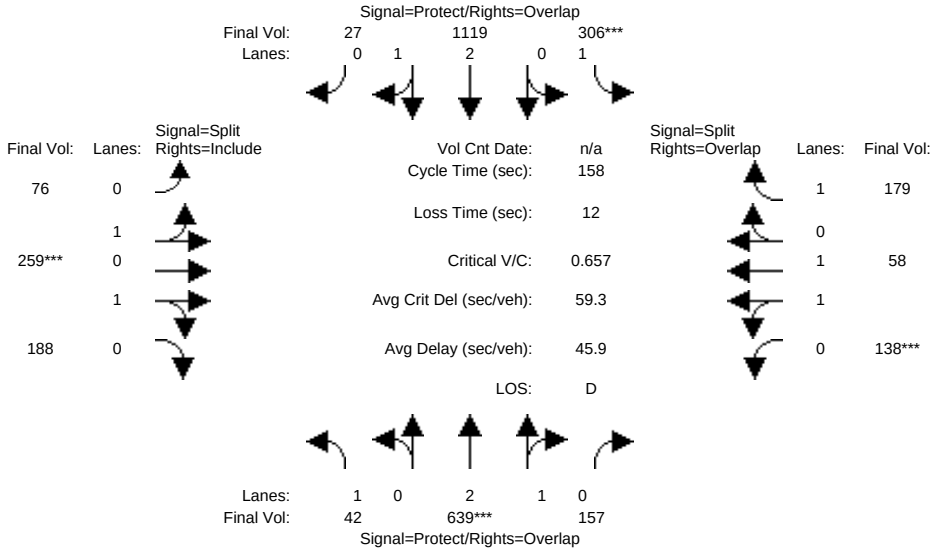
Intersection #5009: BASCOM/FRUITDALE



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	8	45	45	35	72	72	27	32	32	36	31	31
Y+R:	5.1	5.1	5.1	5.0	5.1	5.1	5.4	5.4	5.4	5.2	5.2	5.2
Volume Module:												
Base Vol:	42	628	156	306	1114	27	75	257	188	134	56	178
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	628	156	306	1114	27	75	257	188	134	56	178
Added Vol:	0	11	1	0	5	0	1	2	0	4	2	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	639	157	306	1119	27	76	259	188	138	58	179
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	639	157	306	1119	27	76	259	188	138	58	179
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	639	157	306	1119	27	76	259	188	138	58	179
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	639	157	306	1119	27	76	259	188	138	58	179
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.92	0.98	0.95	0.49	0.95	0.95	0.58	1.00	0.92
Lanes:	1.00	2.39	0.61	1.00	2.93	0.07	0.50	0.87	0.63	1.00	1.00	1.00
Final Sat.:	1750	4494	1104	1750	5468	132	460	1568	1138	1100	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.14	0.17	0.20	0.20	0.17	0.17	0.17	0.13	0.03	0.10
Crit Moves:		****		****				****		****		
Green Time:	7.9	44.4	80.0	34.6	71.1	102.7	31.6	31.6	31.6	35.6	35.6	70.1
Volume/Cap:	0.48	0.51	0.28	0.80	0.45	0.31	0.83	0.83	0.83	0.56	0.14	0.23
Delay/Veh:	78.1	48.4	22.8	70.5	30.6	12.4	70.1	70.1	70.1	56.9	49.6	27.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.1	48.4	22.8	70.5	30.6	12.4	70.1	70.1	70.1	56.9	49.6	27.7
LOS by Move:	E-	D	C+	E	C	B	E	E	E	E+	D	C
HCM2kAvgQ:	3	11	7	16	13	8	10	17	17	6	2	6

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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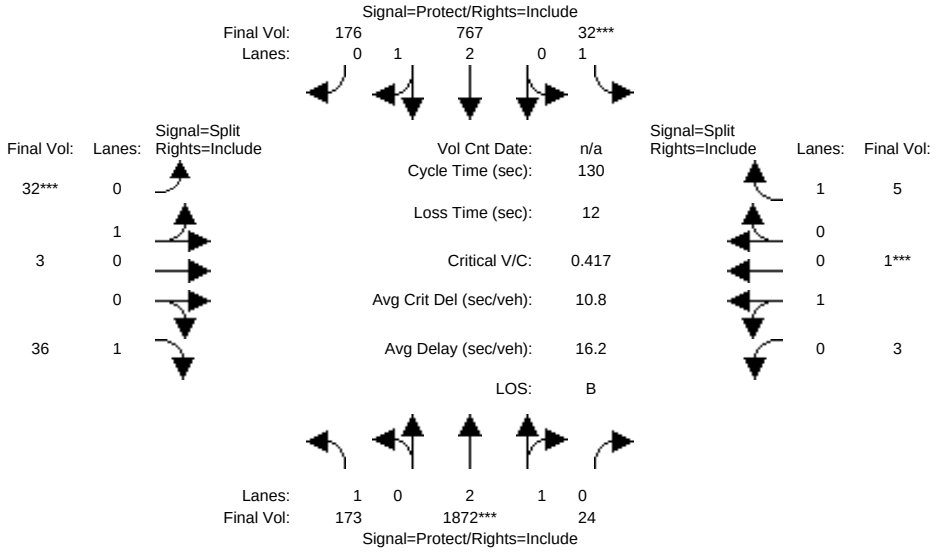
Background AM

Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	173	1872	24	32	767	176	32	3	36	3	1	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	173	1872	24	32	767	176	32	3	36	3	1	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	173	1872	24	32	767	176	32	3	36	3	1	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	173	1872	24	32	767	176	32	3	36	3	1	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	173	1872	24	32	767	176	32	3	36	3	1	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	173	1872	24	32	767	176	32	3	36	3	1	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.96	0.04	1.00	2.42	0.58	0.91	0.09	1.00	0.75	0.25	1.00
Final Sat.:	1750	5529	71	1750	4553	1045	1646	154	1750	1350	450	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.34	0.34	0.02	0.17	0.17	0.02	0.02	0.02	0.00	0.00	0.00
Crit Moves:		****		****			****				****	
Green Time:	36.2	91.0	91.0	7.0	61.8	61.8	10.0	10.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.35	0.48	0.48	0.34	0.35	0.35	0.25	0.25	0.27	0.03	0.03	0.04
Delay/Veh:	38.0	8.9	8.9	61.4	21.6	21.6	57.4	57.4	57.6	55.6	55.6	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	38.0	8.9	8.9	61.4	21.6	21.6	57.4	57.4	57.6	55.6	55.6	55.7
LOS by Move:	D+	A	A	E	C+	C+	E+	E+	E+	E+	E+	E+
HCM2kAvgQ:	6	11	11	1	8	8	2	2	2	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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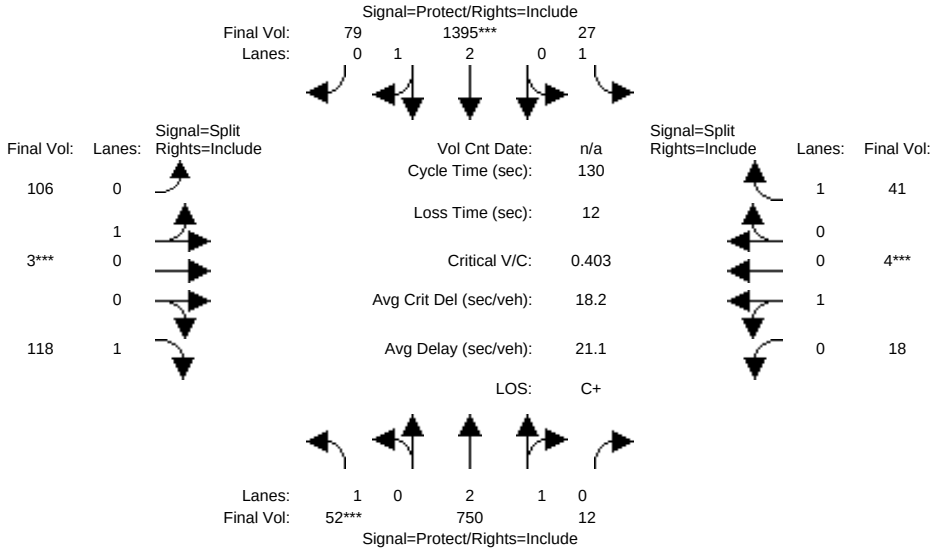
Background PM

Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	52	750	12	27	1395	79	106	3	118	18	4	41
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	750	12	27	1395	79	106	3	118	18	4	41
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	750	12	27	1395	79	106	3	118	18	4	41
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	750	12	27	1395	79	106	3	118	18	4	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	750	12	27	1395	79	106	3	118	18	4	41
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	52	750	12	27	1395	79	106	3	118	18	4	41
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.95	0.05	1.00	2.83	0.17	0.97	0.03	1.00	0.82	0.18	1.00
Final Sat.:	1750	5512	88	1750	5299	300	1750	50	1750	1473	327	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.02	0.26	0.26	0.06	0.06	0.07	0.01	0.01	0.02
Crit Moves:	****				****			****			****	
Green Time:	8.9	62.9	62.9	24.9	78.9	78.9	20.2	20.2	20.2	10.0	10.0	10.0
Volume/Cap:	0.43	0.28	0.28	0.08	0.43	0.43	0.39	0.39	0.43	0.16	0.16	0.30
Delay/Veh:	60.6	20.1	20.1	43.3	13.7	13.7	50.3	50.3	50.8	56.6	56.6	58.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.6	20.1	20.1	43.3	13.7	13.7	50.3	50.3	50.8	56.6	56.6	58.0
LOS by Move:	E	C+	C+	D	B	B	D	D	D	E+	E+	E+
HCM2kAvgQ:	2	6	6	1	10	10	4	4	5	1	1	2

Note: Queue reported is the number of cars per lane.

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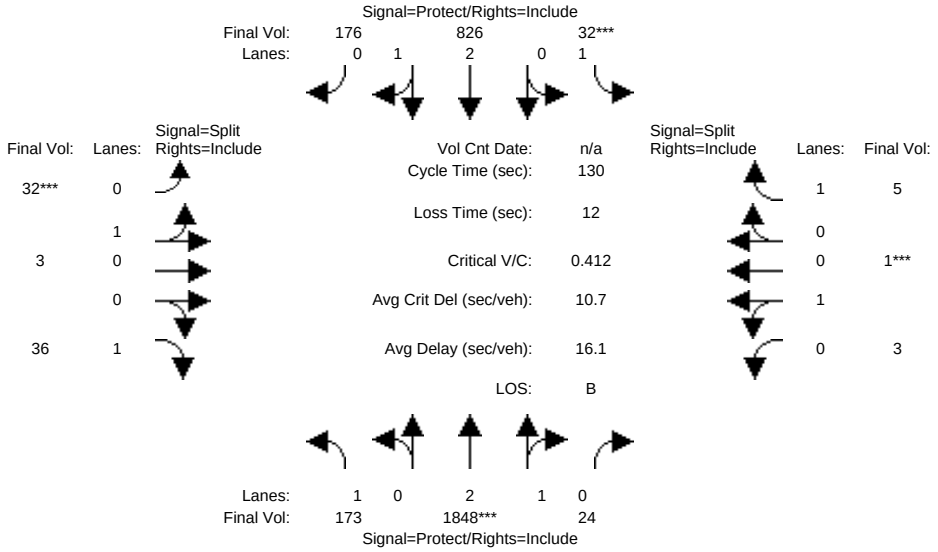
Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	173	1826	24	32	765	176	32	3	36	3	1	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	173	1826	24	32	765	176	32	3	36	3	1	5
Added Vol:	0	22	0	0	61	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	173	1848	24	32	826	176	32	3	36	3	1	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	173	1848	24	32	826	176	32	3	36	3	1	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	173	1848	24	32	826	176	32	3	36	3	1	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	173	1848	24	32	826	176	32	3	36	3	1	5
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.99	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.96	0.04	1.00	2.45	0.55	0.91	0.09	1.00	0.75	0.25	1.00
Final Sat.:	1750	5528	72	1750	4615	983	1646	154	1750	1350	450	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.33	0.33	0.02	0.18	0.18	0.02	0.02	0.02	0.00	0.00	0.00
Crit Moves:		****		****			****				****	
Green Time:	34.9	91.0	91.0	7.0	63.1	63.1	10.0	10.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.37	0.48	0.48	0.34	0.37	0.37	0.25	0.25	0.27	0.03	0.03	0.04
Delay/Veh:	39.1	8.9	8.9	61.4	21.0	21.0	57.4	57.4	57.6	55.6	55.6	55.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	39.1	8.9	8.9	61.4	21.0	21.0	57.4	57.4	57.6	55.6	55.6	55.7
LOS by Move:	D	A	A	E	C+	C+	E+	E+	E+	E+	E+	E+
HCM2kAvgQ:	6	11	11	1	8	8	2	2	2	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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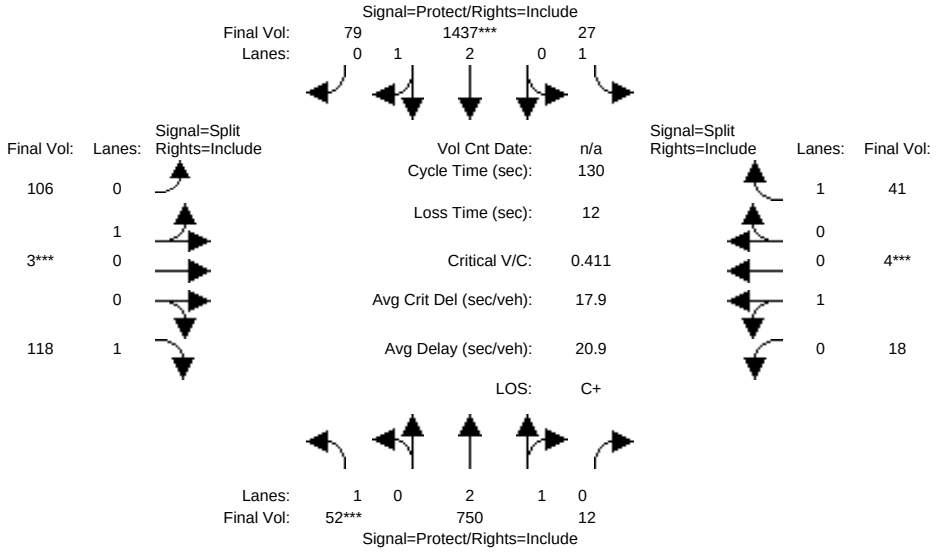
Background + Prj PM

Intersection #5010: BASCOM/RENOVA



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	52	712	12	27	1395	79	106	3	118	18	4	41
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	712	12	27	1395	79	106	3	118	18	4	41
Added Vol:	0	38	0	0	42	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	750	12	27	1437	79	106	3	118	18	4	41
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	750	12	27	1437	79	106	3	118	18	4	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	750	12	27	1437	79	106	3	118	18	4	41
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	52	750	12	27	1437	79	106	3	118	18	4	41
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.95	0.95	0.92	0.95	0.95	0.92
Lanes:	1.00	2.95	0.05	1.00	2.84	0.16	0.97	0.03	1.00	0.82	0.18	1.00
Final Sat.:	1750	5512	88	1750	5308	292	1750	50	1750	1473	327	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.02	0.27	0.27	0.06	0.06	0.07	0.01	0.01	0.02
Crit Moves:	****				****			****			****	
Green Time:	8.7	63.2	63.2	25.0	79.5	79.5	19.8	19.8	19.8	10.0	10.0	10.0
Volume/Cap:	0.44	0.28	0.28	0.08	0.44	0.44	0.40	0.40	0.44	0.16	0.16	0.30
Delay/Veh:	61.0	19.9	19.9	43.2	13.6	13.6	50.7	50.7	51.3	56.6	56.6	58.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.0	19.9	19.9	43.2	13.6	13.6	50.7	50.7	51.3	56.6	56.6	58.0
LOS by Move:	E	B-	B-	D	B	B	D	D	D-	E+	E+	E+
HCM2kAvgQ:	2	6	6	1	10	10	4	4	5	1	1	2

Note: Queue reported is the number of cars per lane.

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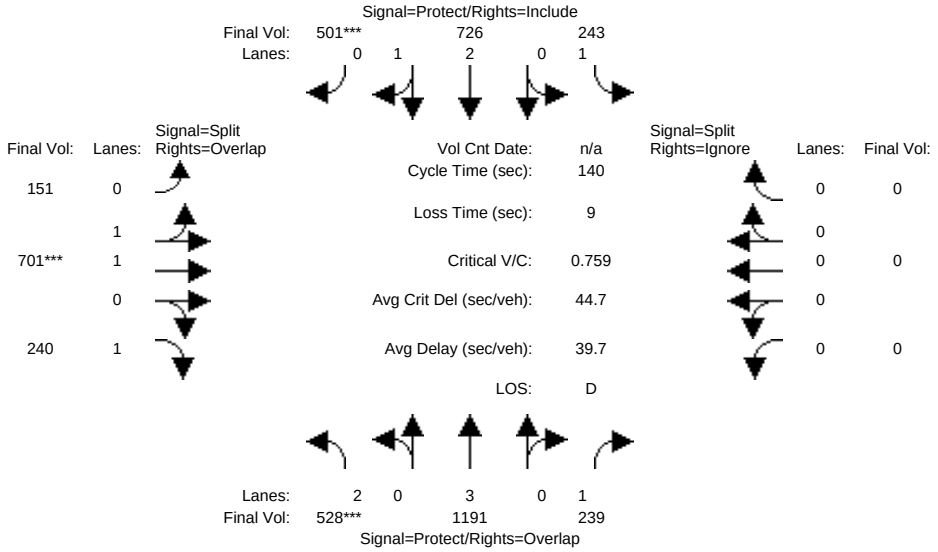
Background AM

Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	528	1191	239	243	726	501	151	701	240	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	528	1191	239	243	726	501	151	701	240	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	528	1191	239	243	726	501	151	701	240	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	528	1191	239	243	726	501	151	701	240	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	528	1191	239	243	726	501	151	701	240	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	528	1191	239	243	726	501	151	701	240	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.95	0.86	0.92	0.92	1.00	0.92
Lanes:	2.00	3.00	1.00	1.00	2.00	1.00	0.33	1.67	1.00	0.00	0.00	0.00
Final Sat.:	3150	5700	1750	1750	3800	1750	590	2738	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.17	0.21	0.14	0.14	0.19	0.29	0.26	0.26	0.14	0.00	0.00	0.00
Crit Moves:	****					****		****				
Green Time:	30.9	50.3	50.3	33.4	52.8	52.8	47.2	47.2	78.2	0.0	0.0	0.0
Volume/Cap:	0.76	0.58	0.38	0.58	0.51	0.76	0.76	0.76	0.25	0.00	0.00	0.00
Delay/Veh:	55.9	36.7	33.7	49.2	33.7	40.2	44.4	44.4	16.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.9	36.7	33.7	49.2	33.7	40.2	44.4	44.4	16.0	0.0	0.0	0.0
LOS by Move:	E+	D+	C-	D	C-	D	D	D	B	A	A	A
HCM2kAvgQ:	13	13	8	10	11	20	19	17	5	0	0	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
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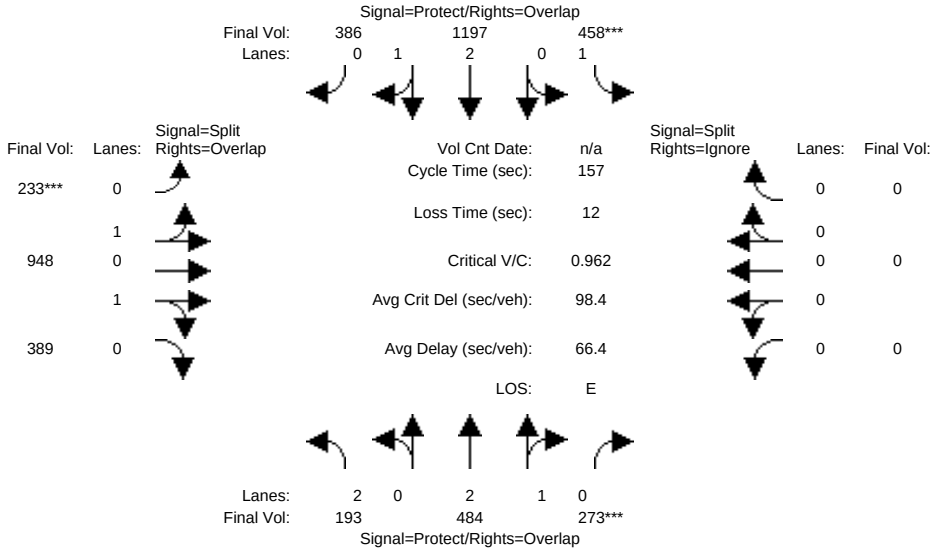
Background PM

Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	16	35	35	47	66	66	65	65	65	0	0	0
Y+R:	4.8	5.1	5.1	4.6	5.1	5.1	5.6	5.6	5.6	0.0	0.0	0.0
Volume Module:												
Base Vol:	193	484	273	458	1197	386	233	948	389	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	193	484	273	458	1197	386	233	948	389	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	484	273	458	1197	386	233	948	389	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	193	484	273	458	1197	386	233	948	389	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	193	484	273	458	1197	386	233	948	389	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	193	484	273	458	1197	386	233	948	389	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.95	0.83	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	2.24	0.76	0.27	1.27	0.46	0.00	0.00	0.00
Final Sat.:	3150	3800	1750	1750	4233	1365	494	2008	824	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.16	0.26	0.28	0.28	0.47	0.47	0.47	0.00	0.00	0.00
Crit Moves:			****	****			****					
Green Time:	15.8	34.6	34.6	46.4	65.2	129.4	64.2	64.2	80.0	0.0	0.0	0.0
Volume/Cap:	0.61	0.58	0.71	0.89	0.68	0.34	1.15	1.15	0.93	0.00	0.00	0.00
Delay/Veh:	71.9	56.1	59.5	70.0	38.8	3.5	125.4	125	45.5	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.9	56.1	59.5	70.0	38.8	3.5	125.4	125	45.5	0.0	0.0	0.0
LOS by Move:	E	E+	E+	E	D+	A	F	F	D	A	A	A
HCM2kAvgQ:	5	10	13	23	20	6	59	52	44	0	0	0

Note: Queue reported is the number of cars per lane.

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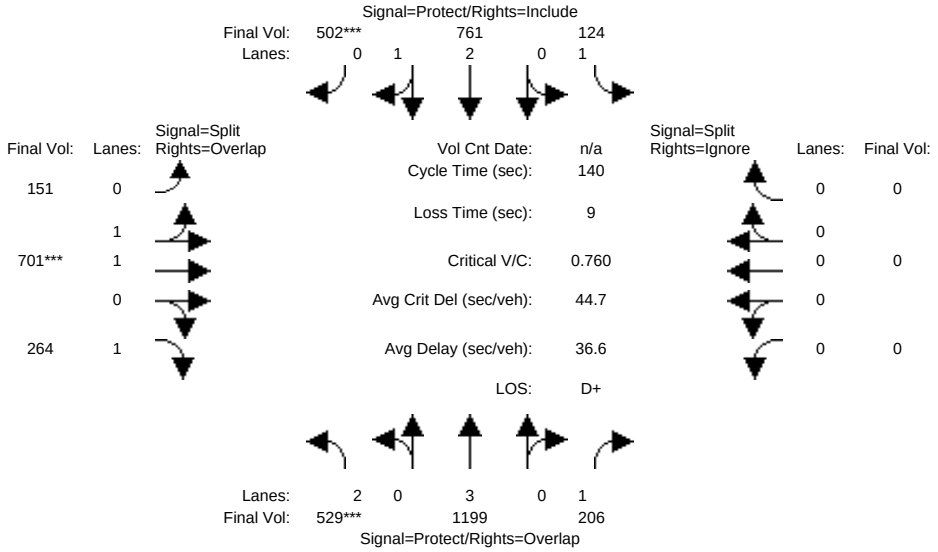
Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	528	1187	197	116	719	501	151	696	245	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	528	1187	197	116	719	501	151	696	245	0	0	0
Added Vol:	1	12	9	8	42	1	0	5	19	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	529	1199	206	124	761	502	151	701	264	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	529	1199	206	124	761	502	151	701	264	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	529	1199	206	124	761	502	151	701	264	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	529	1199	206	124	761	502	151	701	264	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.95	0.86	0.92	0.92	1.00	0.92
Lanes:	2.00	3.00	1.00	1.00	2.00	1.00	0.33	1.67	1.00	0.00	0.00	0.00
Final Sat.:	3150	5700	1750	1750	3800	1750	590	2738	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.17	0.21	0.12	0.07	0.20	0.29	0.26	0.26	0.15	0.00	0.00	0.00
Crit Moves:	****					****		****				
Green Time:	31.0	62.7	62.7	21.1	52.9	52.9	47.2	47.2	78.1	0.0	0.0	0.0
Volume/Cap:	0.76	0.47	0.26	0.47	0.53	0.76	0.76	0.76	0.27	0.00	0.00	0.00
Delay/Veh:	55.9	27.2	24.4	55.6	34.1	40.1	44.4	44.4	16.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.9	27.2	24.4	55.6	34.1	40.1	44.4	44.4	16.2	0.0	0.0	0.0
LOS by Move:	E+	C	C	E+	C-	D	D	D	B	A	A	A
HCM2kAvgQ:	13	11	6	5	12	20	19	17	6	0	0	0

Note: Queue reported is the number of cars per lane.

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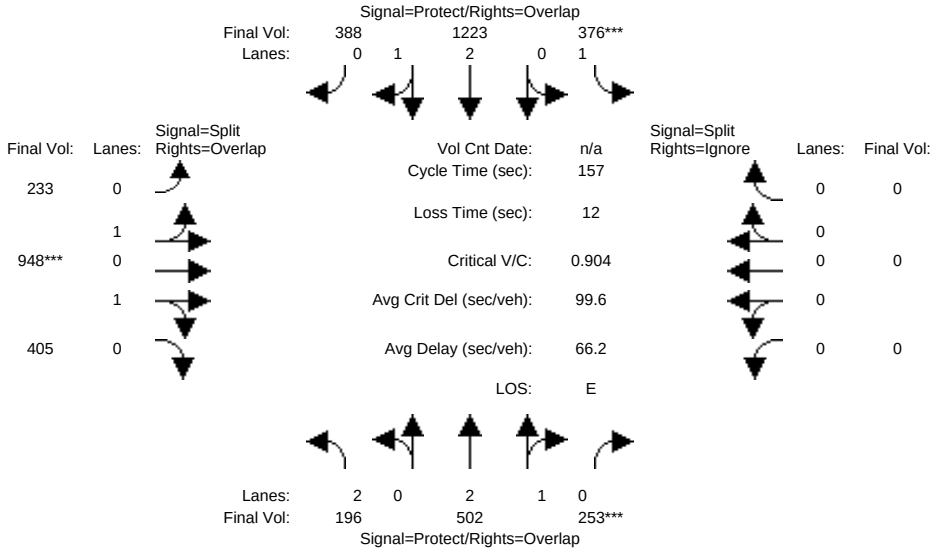
Intersection #5012: BASCOM/MOORPARK



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	16	35	35	47	66	66	65	65	65	0	0	0
Y+R:	4.8	5.1	5.1	4.6	5.1	5.1	5.6	5.6	5.6	0.0	0.0	0.0
Volume Module:												
Base Vol:	193	475	244	370	1194	386	233	944	392	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	193	475	244	370	1194	386	233	944	392	0	0	0
Added Vol:	3	27	9	6	29	2	0	4	13	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	196	502	253	376	1223	388	233	948	405	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	196	502	253	376	1223	388	233	948	405	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	196	502	253	376	1223	388	233	948	405	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	196	502	253	376	1223	388	233	948	405	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.99	0.95	0.95	0.83	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	2.25	0.75	0.27	1.26	0.47	0.00	0.00	0.00
Final Sat.:	3150	3800	1750	1750	4250	1348	489	1990	850	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.14	0.21	0.29	0.29	0.48	0.48	0.48	0.00	0.00	0.00
Crit Moves:			****	****				****				
Green Time:	15.8	34.6	34.6	46.4	65.2	129.4	64.2	64.2	80.0	0.0	0.0	0.0
Volume/Cap:	0.62	0.60	0.66	0.73	0.69	0.35	1.17	1.17	0.94	0.00	0.00	0.00
Delay/Veh:	72.3	56.5	57.9	55.4	39.1	3.5	129.9	130	46.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	72.3	56.5	57.9	55.4	39.1	3.5	129.9	130	46.7	0.0	0.0	0.0
LOS by Move:	E	E+	E+	E+	D	A	F	F	D	A	A	A
HCM2kAvgQ:	6	11	12	17	21	6	61	54	45	0	0	0

Note: Queue reported is the number of cars per lane.

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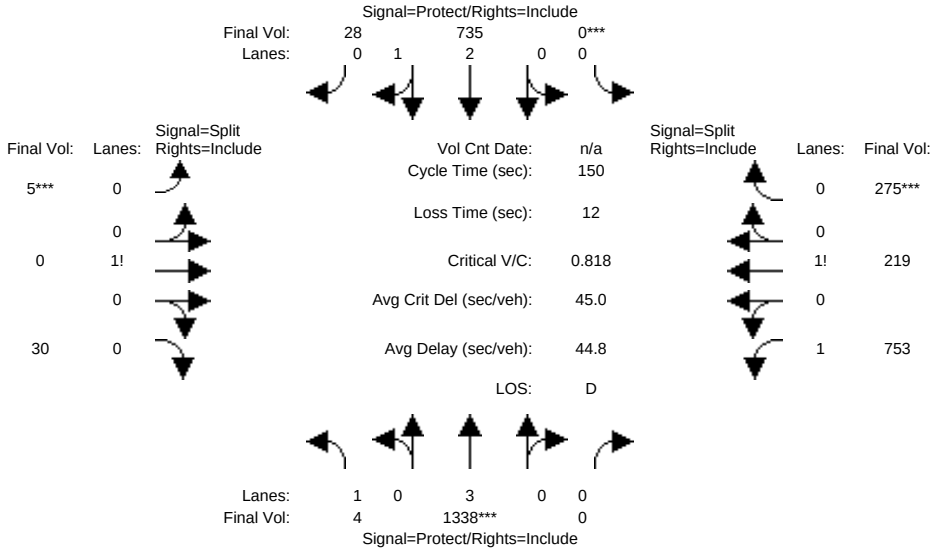
Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	7		10	0	0		10	10	10		0	10	10		10	10
Y+R:	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0
Volume Module:																
Base Vol:	4		1338	0	0		735	28	5		0	30	753		219	275
Growth Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Initial Bse:	4		1338	0	0		735	28	5		0	30	753		219	275
Added Vol:	0		0	0	0		0	0	0		0	0	0		0	0
PasserByVol:	0		0	0	0		0	0	0		0	0	0		0	0
Initial Fut:	4		1338	0	0		735	28	5		0	30	753		219	275
User Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
PHF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
PHF Volume:	4		1338	0	0		735	28	5		0	30	753		219	275
Reduct Vol:	0		0	0	0		0	0	0		0	0	0		0	0
Reduced Vol:	4		1338	0	0		735	28	5		0	30	753		219	275
PCE Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
MLF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
FinalVolume:	4		1338	0	0		735	28	5		0	30	753		219	275
Saturation Flow Module:																
Sat/Lane:	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900
Adjustment:	0.92		1.00	0.92	0.92		0.98	0.95	0.92		0.92	0.92	0.92		0.92	0.92
Lanes:	1.00		3.00	0.00	0.00		2.89	0.11	0.14		0.00	0.86	1.43		0.25	0.32
Final Sat.:	1750		5700	0	0		5394	205	250		0	1500	2507		440	553
Capacity Analysis Module:																
Vol/Sat:	0.00		0.23	0.00	0.00		0.14	0.14	0.02		0.00	0.02	0.30		0.50	0.50
Crit Moves:			****		****				****							****
Green Time:	10.5		41.0	0.0	0.0		30.6	30.6	10.0		0.0	10.0	87.0		87.0	87.0
Volume/Cap:	0.03		0.86	0.00	0.00		0.67	0.67	0.30		0.00	0.30	0.52		0.86	0.86
Delay/Veh:	65.2		56.7	0.0	0.0		56.6	56.6	68.1		0.0	68.1	19.1		31.7	31.7
User DelAdj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
AdjDel/Veh:	65.2		56.7	0.0	0.0		56.6	56.6	68.1		0.0	68.1	19.1		31.7	31.7
LOS by Move:	E		E+	A	A		E+	E+	E		A	E	B-		C	C
HCM2kAvgQ:	0		20	0	0		11	11	2		0	2	15		38	38

Note: Queue reported is the number of cars per lane.

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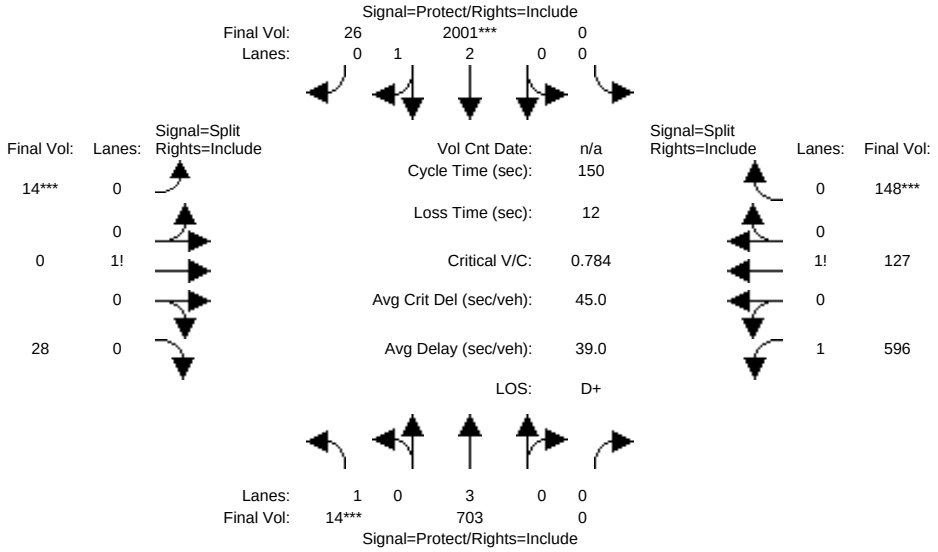
Background PM

Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	703	0	0	2001	26	14	0	28	596	127	148
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	703	0	0	2001	26	14	0	28	596	127	148
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	703	0	0	2001	26	14	0	28	596	127	148
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	703	0	0	2001	26	14	0	28	596	127	148
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	703	0	0	2001	26	14	0	28	596	127	148
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	703	0	0	2001	26	14	0	28	596	127	148
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	3.00	0.00	0.00	2.96	0.04	0.33	0.00	0.67	1.52	0.22	0.26
Final Sat.:	1750	5700	0	0	5528	72	583	0	1167	2660	388	452
Capacity Analysis Module:												
Vol/Sat:	0.01	0.12	0.00	0.00	0.36	0.36	0.02	0.00	0.02	0.22	0.33	0.33
Crit Moves:	****				****		****					****
Green Time:	7.0	70.5	0.0	0.0	63.5	63.5	10.0	0.0	10.0	57.5	57.5	57.5
Volume/Cap:	0.17	0.26	0.00	0.00	0.85	0.85	0.36	0.00	0.36	0.58	0.85	0.85
Delay/Veh:	69.7	24.1	0.0	0.0	42.3	42.3	68.8	0.0	68.8	37.4	49.6	49.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.7	24.1	0.0	0.0	42.3	42.3	68.8	0.0	68.8	37.4	49.6	49.6
LOS by Move:	E	C	A	A	D	D	E	A	E	D+	D	D
HCM2kAvgQ:	1	6	0	0	30	30	2	0	2	15	28	28

Note: Queue reported is the number of cars per lane.

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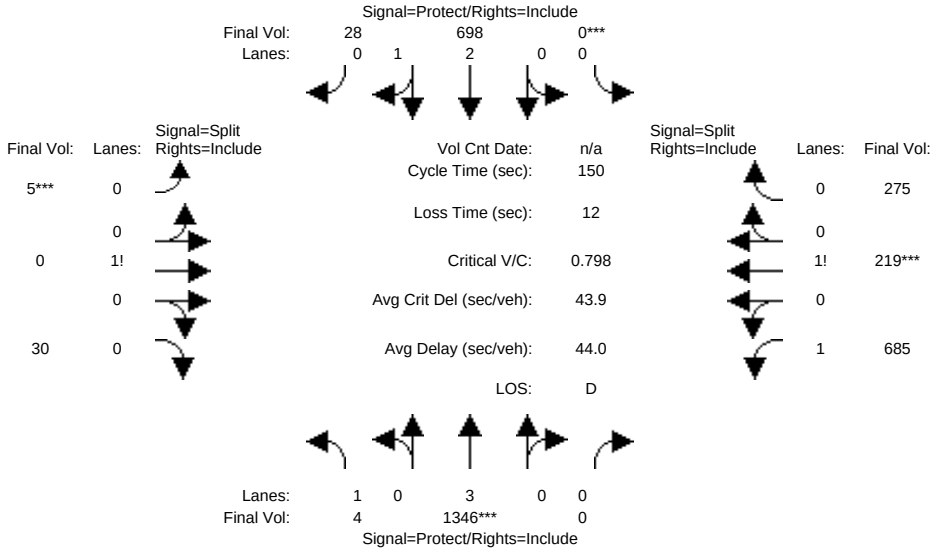
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background + Prj AM

Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	4	1334	0	0	655	28	5	0	30	677	219	275
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	1334	0	0	655	28	5	0	30	677	219	275
Added Vol:	0	12	0	0	43	0	0	0	0	8	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	1346	0	0	698	28	5	0	30	685	219	275
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	1346	0	0	698	28	5	0	30	685	219	275
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	1346	0	0	698	28	5	0	30	685	219	275
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	1346	0	0	698	28	5	0	30	685	219	275
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	3.00	0.00	0.00	2.88	0.12	0.14	0.00	0.86	1.41	0.26	0.33
Final Sat.:	1750	5700	0	0	5384	216	250	0	1500	2467	458	575
Capacity Analysis Module:												
Vol/Sat:	0.00	0.24	0.00	0.00	0.13	0.13	0.02	0.00	0.02	0.28	0.48	0.48
Crit Moves:		****		****			****				****	
Green Time:	11.2	42.3	0.0	0.0	31.1	31.1	10.0	0.0	10.0	85.7	85.7	85.7
Volume/Cap:	0.03	0.84	0.00	0.00	0.62	0.62	0.30	0.00	0.30	0.49	0.84	0.84
Delay/Veh:	64.5	54.6	0.0	0.0	55.2	55.2	68.1	0.0	68.1	19.2	31.0	31.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	64.5	54.6	0.0	0.0	55.2	55.2	68.1	0.0	68.1	19.2	31.0	31.0
LOS by Move:	E	D-	A	A	E+	E+	E	A	E	B-	C	C
HCM2kAvgQ:	0	20	0	0	10	10	2	0	2	14	35	35

Note: Queue reported is the number of cars per lane.

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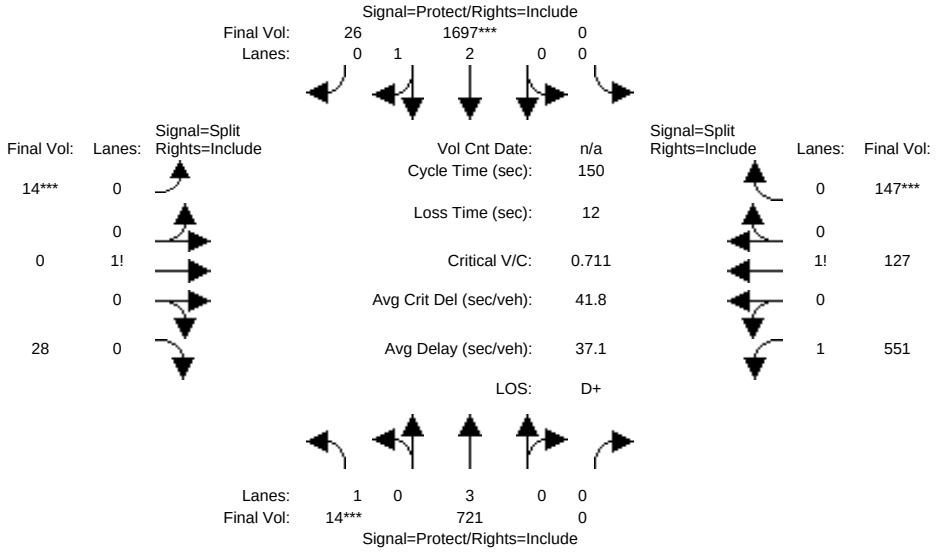
Intersection #5039: BASCOM/PARKMOOR



Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	10	0	10	10	10	10
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Volume Module:												
Base Vol:	14	694	0	0	1668	26	14	0	28	544	127	147
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	694	0	0	1668	26	14	0	28	544	127	147
Added Vol:	0	27	0	0	29	0	0	0	0	7	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	721	0	0	1697	26	14	0	28	551	127	147
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	721	0	0	1697	26	14	0	28	551	127	147
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	721	0	0	1697	26	14	0	28	551	127	147
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	721	0	0	1697	26	14	0	28	551	127	147
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.92	0.92	0.92	0.92	0.92	0.92
Lanes:	1.00	3.00	0.00	0.00	2.95	0.05	0.33	0.00	0.67	1.50	0.23	0.27
Final Sat.:	1750	5700	0	0	5515	85	583	0	1167	2627	404	468
Capacity Analysis Module:												
Vol/Sat:	0.01	0.13	0.00	0.00	0.31	0.31	0.02	0.00	0.02	0.21	0.31	0.31
Crit Moves:	****				****		****					****
Green Time:	7.0	66.9	0.0	0.0	59.9	59.9	10.0	0.0	10.0	61.1	61.1	61.1
Volume/Cap:	0.17	0.28	0.00	0.00	0.77	0.77	0.36	0.00	0.36	0.51	0.77	0.77
Delay/Veh:	69.7	26.4	0.0	0.0	40.8	40.8	68.8	0.0	68.8	33.6	41.9	41.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.7	26.4	0.0	0.0	40.8	40.8	68.8	0.0	68.8	33.6	41.9	41.9
LOS by Move:	E	C	A	A	D	D	E	A	E	C-	D	D
HCM2kAvgQ:	1	7	0	0	24	24	2	0	2	13	24	24

Note: Queue reported is the number of cars per lane.

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Appendix D
San Jose Approved Trips Inventory

AM PROJECT TRIPS

09/24/2020

Intersection of : Leigh Av & Moorpark Av

Traffix Node Number : 3639

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	3	0	0	0	0	0	1	0	0	0	0
PDC04-045 (3-14400) Retail/Commercial N/S STORY ROAD, 720' SW OF MCLAUGHLIN VIETNAMTOWN	0	11	0	4	8	0	0	0	0	0	0	6
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	0	0	0	0	0	0	39	0	0	0	0
TOTAL:	**0**	**14**	**0**	**4**	**8**	**0**	**0**	**40**	**0**	**0**	**0**	**6**

	LEFT	THRU	RIGHT
NORTH	4	8	0
EAST	0	0	6
SOUTH	0	14	0
WEST	0	40	0

PM PROJECT TRIPS

09/24/2020

Intersection of : Leigh Av & Moorpark Av

Traffix Node Number : 3639

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	0	0	0	5	1	0	0	0
PDC04-045 (3-14400) Retail/Commercial N/S STORY ROAD, 720' SW OF MCLAUGHLIN VIETNAMTOWN	0	24	0	13	24	0	0	0	0	0	0	13
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	0	0	0	0	0	0	21	0	0	0	0
TOTAL:	**0**	**24**	**0**	**13**	**24**	**0**	**0**	**26**	**1**	**0**	**0**	**13**

	LEFT	THRU	RIGHT
NORTH	13	24	0
EAST	0	0	13
SOUTH	0	24	0
WEST	0	26	1

AM PROJECT TRIPS

09/24/2020

Intersection of : Leigh Av & Parkmoor Av

Traffix Node Number : 3640

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	2	2	0	0	0	0	0	0	0	0	0	0
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	0	0	0	0	0	0	0	0	0	9	0
TOTAL:	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	0
EAST	0	9	0
SOUTH	2	2	0
WEST	0	0	0

PM PROJECT TRIPS

09/24/2020

Intersection of : Leigh Av & Parkmoor Av

Traffix Node Number : 3640

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	5	1	0	0	0	0	0	0
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	0	0	0	0	0	0	0	0	0	42	0
TOTAL:	**0**	**0**	**0**	**0**	**5**	**1**	**0**	**0**	**0**	**0**	**42**	**0**

	LEFT	THRU	RIGHT
NORTH	0	5	1
EAST	0	42	0
SOUTH	0	0	0
WEST	0	0	0

AM PROJECT TRIPS

09/24/2020

Intersection of : Leland Av & Moorpark Av

Traffix Node Number : 3944

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	0	0	0	1	0	0	0	0
TOTAL:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	0
EAST	0	0	0
SOUTH	0	0	0
WEST	0	1	0

PM PROJECT TRIPS

09/24/2020

Intersection of : Leland Av & Moorpark Av

Traffix Node Number : 3944

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	0
EAST	0	0	0
SOUTH	0	0	0
WEST	0	0	0

AM PROJECT TRIPS

09/24/2020

Intersection of : Leland Av & Parkmoor Av

Traffix Node Number : 3945

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**

	LEFT	THRU	RIGHT
NORTH	0	0	0
EAST	0	1	0
SOUTH	0	0	0
WEST	0	0	0

PM PROJECT TRIPS

09/24/2020

Intersection of : Leland Av & Parkmoor Av

Traffix Node Number : 3945

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	0	0	0	2	1	0	0	0	0	6	0
TOTAL:	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**0**	**0**	**0**	**6**	**0**

	LEFT	THRU	RIGHT
NORTH	0	2	1
EAST	0	6	0
SOUTH	0	0	0
WEST	0	0	0

AM PROJECT TRIPS

09/24/2020

Intersection of : S Bascom Av & Moorpark Av

Traffix Node Number : 5012

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	5	19	4	1	4	4	1	6	1	0	0	0
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	0	0	0	0	11	7	39	0	0	0	0
TOTAL:	**5**	**19**	**4**	**1**	**4**	**15**	**8**	**45**	**1**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	1	4	15
EAST	0	0	0
SOUTH	5	19	4
WEST	8	45	1

PM PROJECT TRIPS

09/24/2020

Intersection of : S Bascom Av & Moorpark Av

Traffix Node Number : 5012

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	2	6	3	5	19	4	0	5	1	0	0	0
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	1	0	0	0	0	50	4	21	1	0	0	0
TOTAL:	**3**	**6**	**3**	**5**	**19**	**54**	**4**	**26**	**2**	**0**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	5	19	54
EAST	0	0	0
SOUTH	3	6	3
WEST	4	26	2

AM PROJECT TRIPS

09/24/2020

Intersection of : S Bascom Av & Parkmoor Av

Traffix Node Number : 5039

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	37	0	0	9	0	0	0	0	0	0	0
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	7	0	0	2	0	0	0	0	9	0	0
TOTAL:	**0**	**44**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**9**	**0**	**0**

	LEFT	THRU	RIGHT
NORTH	0	11	0
EAST	9	0	0
SOUTH	0	44	0
WEST	0	0	0

PM PROJECT TRIPS

09/24/2020

Intersection of : S Bascom Av & Parkmoor Av

Traffix Node Number : 5039

Permit No./Proposed Land Use/Description/Location	M09 NBL	M08 NBT	M07 NBR	M03 SBL	M02 SBT	M01 SBR	M12 EBL	M11 EBT	M10 EBR	M06 WBL	M05 WBT	M04 WBR
NSJ LEGACY NORTH SAN JOSE	0	17	0	0	27	0	0	0	0	1	0	1
PDC14-040 (3-01388) LEGACY 863-917 WINCHESTER BLVD WINCHESTER RESERVE	0	4	0	0	8	0	0	0	0	42	0	0
TOTAL:	**0**	**21**	**0**	**0**	**35**	**0**	**0**	**0**	**0**	**43**	**0**	**1**

	LEFT	THRU	RIGHT
NORTH	0	35	0
EAST	43	0	1
SOUTH	0	21	0
WEST	0	0	0

TABLE E-1
CUMULATIVE CONSTRUCTION WITHIN ONE MILE OF THE SJCC CAMPUS

File No	Status	Approved Date	Property Address	Residential Units			Non-Residential Square Feet		
				Existing	New	Demolished	Existing	New	Demolished
CP17-046	Approved	9/12/2018	1015 S Bascom Ave.	0	165	0	0	5,171	0
H20-049	Under Review	N/A	1050 St. Elizabeth Dr.	0	150	0	0	0	28,223
SP19-067	Under Review	N/A	1301 W San Carlos St.	0	230	0	0	3,600	0
PD18-015	Approved	9/10/2019	1330 S. Bascom Ave.	0	590	0	76,894	213,500	0
PDC17-047	Approved	9/10/2019	1410 S. Bascom Ave.	0	447	0	0	200,000	0
SP18-012	Review Letter Sent	N/A	1470 W. San Carlos St.	0	0	0	3254	64,262	0
SP20-004	Review Letter Sent	N/A	1530 W. San Carlos St.	0	104	0	0	12,600	0
SP18-031	Approved	6/26/2019	1605 Parkmoor Ave.	0	27	0	0	0	0
CP20-020 / C20-011	Waiting for resubmittal	N/A	17 Boston Ave.	0	61	0	0	107,013	42,682
H19-054 / C19-034	Approved	9/11/2020	1710 Moorpark Ave.	0	108	0	35,610	0	0
H19-029	Under Review	N/A	200 N. Bascom Ave.	0	0	0	20,059	39,560	0
C19-002	Approved	4/23/2019	206 N. Bascom Ave.	0	0	0	0	20,059	0
H20-035	Under Review	N/A	2323 Moorpark Ave.	30	41	30	0	0	0
PD18-043 / PDC17-019	Approved	Unknown	253 Race St.	0	206	0	0	2,000	0
PD19-011 / PDC18-016	Notice Sent	6/23/2020	259 Meridian Ave.	0	226	0	0	1,400	0
H16-010	Approved	12/7/2016	2850 Stevens Creek Blvd.	0	0	0	1,621	201,602	0
SP19-068 / PD18-037 / PDC18 / 009	Noticed for Hearing	N/A	2881 Hemlock Ave.	0	51	0	3,887	11,049	0
PD16-017	Approved	11/9/2016	3060 Olsen Dr.	0	0	0	0	320,000	0
H17-018	Approved	8/8/2017	320 Race St.	0	0	0	0	29,580	0
SP17-037	Approved	12/5/2018	329 Page St.	0	82	0	0	52272	0
SP18-048	Approved	2/27/2019	375 S. Baywood Ave.	0	0	0	0	125606	0
CP19-013 / C19-013	Recommended Approval	10/20/2020	529 Race St.	0	0	0	0	354332	0
PD16-016	Approved	11/9/2016	780 S. Winchester Blvd.	0	0	0	0	92547	0
H18-012	Approved	9/25/2019	923 Meridian Ave.	0	0	0	0	37,322	0
SP19-064	Approved	12/10/2020	961 Meridian Ave.	0	230	0	0	1780	0
			Total	**30**	**2,718**	**30**	**141,325**	**1,895,255**	**70,905**

SOURCE: City of San José, 2021

Appendix F
Water Supply Evaluation

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WEST YOST
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6800 Koll Center Parkway
Suite 150
Pleasanton CA 94566

925.426.2580 phone
530.756.5991 fax
westyost.com

TECHNICAL MEMORANDUM

DATE: April 12, 2021

Project No.: 712-60-21-08
SENT VIA: EMAIL

TO: Paul Mitchell, Environmental Science Associates

FROM: Elizabeth Drayer, PE, RCE #46872

REVIEWED BY: Jim Connell, PE, RCE #63052

SUBJECT: Water Supply Evaluation for the San José City College Facility Management Plan for the San José Evergreen Community College District

INTRODUCTION

The San José City College (SJCC) is located in the central part of the City of San José and is known for its career and technical education program since its establishment in 1921 and opening of the campus in 1953. It provides a broad community college-level education with approximately 8,773 students in 2020. To serve and plan for on-going and future educational needs for a projected 10,735 students by 2030, the San José Evergreen Community College District (SJECCD or District) has prepared several plans, including educational and facilities plans. The recent San José City College Educational Master Plan (SJCC EMP) for the campus examined college-wide and discipline-specific projections out to 2030 for student instructional contact hours. The SJCC Vision 2030 Facilities Master Plan (SJCC FMP), developed on the basis of the projections of future growth from the SJCC EMP, provides a comprehensive plan for the campus's physical development. The SJCC FMP is an update to the prior SJCC FMP and provides an assessment of the current physical conditions of the facilities and options for future development scenarios.

The purpose of this Water Supply Evaluation is to provide an evaluation of the availability and reliability of water supplies to serve existing facilities and future planned development that is proposed under the SJCC FMP. This evaluation is based on existing SJCC water demands, recent water use trends, projected water demands for the future planned development under the SJCC FMP and the availability and reliability of water supplies from the San Jose Water Company (SJWC), the water supplier to the SJCC campus.

LEGAL REQUIREMENT FOR THE PREPARATION OF A WATER SUPPLY ASSESSMENT

California Senate Bill 610 (SB 610) amended state law, effective January 1, 2002, to improve the link between information on water supply availability and certain land use decisions made by cities and counties. SB 610 sought to promote more collaborative planning between local water suppliers and cities and counties. The statute requires detailed information regarding water availability to be provided to the city and county decision-makers prior to approval of specified large development projects. The purpose of this coordination is to ensure that prudent water supply planning has been conducted, and that planned

water supplies are adequate to meet existing demands, anticipated demands from approved projects and tentative maps, and the demands of proposed projects.

SB 610 amended California Water Code sections 10910 through 10915 (inclusive) to require land use lead agencies to identify any public water purveyor that may supply water for a proposed development project and request a Water Supply Assessment from the identified water purveyor. The purpose of a Water Supply Assessment is to demonstrate the sufficiency of the purveyor's water supplies to satisfy the water demands of the proposed development, while still meeting the water purveyor's existing and planned future uses. Water Code sections 10910 through 10915 delineate the specific information that must be included in the Water Supply Assessment.

Although the SB 610 requirements do not specifically apply to the District, because it is not a city or a county, the District has voluntarily elected to prepare a Water Supply Assessment-like document, a Water Supply Evaluation, to determine and demonstrate the sufficiency of the water supplies from the San José Water Company to satisfy the water demand of the planned development at SJCC campus site under the proposed FMP.

SAN JOSE WATER COMPANY URBAN WATER MANAGEMENT PLAN

In 2016, the SJWC prepared its 2015 Urban Water Management Plan (UWMP) for its service area which includes the SJCC campus, as well as most of the City of San José and Cupertino, the entire cities of Campbell, Monte Sereno, and Saratoga, the Town of Los Gatos, and parts of unincorporated Santa Clara County. The 2015 UWMP evaluated the projected water demands, including demands for SJCC, and available water supplies for the SJWC service area.

The 2015 UWMP includes projected water supplies required to meet existing and future demands through the year 2040. The 2015 UWMP serves two primary purposes: (1) it serves as a plan to inform water supply resource management, and (2) it serves as a reporting document for compliance with California Water Code and the California Urban Water Management Planning Act of 1983. The 2015 UWMP includes water demand projections for the SJWC service area through the year 2040 based on population and use projections. The UWMP also takes into account anticipated demand decreases due to current conservation efforts in the service area. Additionally, future retail water supply projects including recycled water projects are considered in the UWMP.

SJWC is currently updating its UWMP, and the SJWC 2020 UWMP is anticipated to be completed and adopted in June 2021.

PROJECT DESCRIPTION

The proposed development and campus water efficiency design standards are discussed below.

SJCC FMP Proposed Development

The SJCC campus is located at 2100 Moorpark Avenue in central San José in Santa Clara County, approximately 3 miles west of Downtown San José. The SJCC campus currently encompasses approximately 58 acres. The SJCC campus is located in an urban setting and is currently developed with several buildings, both educational and administrative, to house several programs, a library, sports facilities, parking and access ways, and other ancillary facilities.

The existing SJCC campus was established in 1953 with initial buildings built in the 1950s. The buildings are primarily concentrated in the northern portion of the campus along Moorpark Avenue, with Cesar Chavez Library providing visual presence. Other existing buildings are aligned in the central and western portions of the campus site. Existing sports facilities are located mainly in the central and eastern central portions of the campus, and include the softball field, football/track field, practice field, soccer field, tennis courts, and pool.

Through implementation of its FMP, SJCC aims to achieve the goals and objectives discussed in the FMP and the SJCC EMP, including an update and expansion of SJCC facilities to accommodate projected expansion in demand for community college education and programs resulting from the population growth within the District's service area for year 2030. Gross square footages of proposed facility improvements contained in the SJCC FMP to meet the future program needs are summarized in Table 1 and include demolition and removal of certain existing buildings on the campus; the construction of certain new buildings and the renovation of certain existing buildings and facilities; improvements to vehicular and pedestrian access and circulation systems; expansion of parking facilities and capacity; and open space improvements.

Table 1. Summary of SJCC FMP Proposed Development[(a)]

Proposed Development	Existing Building Gross Square Feet	Proposed Building Gross Square Feet	Net Change Gross Square Feet
New Construction / Buildings	45,403	466,494[(b)]	421,091
Interior Renovations / Reuse of Existing Buildings	257,075	264,575	7500
Demolition	108,761	--	-108,761
No Changes	223,454	223,454	--
Totals	**634,693**	**954,523**	**319,830**

(a) Source: SJECCD, 2020
(b) Includes a proposed 180,000 gsf parking structure which would not have an associated water demand.

As shown in Table 1, the FMP proposes to increase the overall square footage of campus buildings from 634,693 gross square feet (gsf) to 954,523 gsf. This increase includes various types of facilities, some of which will not have associated water demands (e.g., as part of the new construction, a new 180,000 gsf parking structure is proposed). Therefore, the net increase in building gross square footage for buildings that would have an associated water demand (e.g., not including the new parking structure) is 139,830 gsf (319,830 gsf – 180,000 gsf), which is a 22 percent increase over the existing building gross square footage.

Table 2 shows the existing and projected number of students and staff under the SJCC FMP.

Table 2. Existing and Projected SJCC Students and Staff

Year	Estimated Student Enrollment[(a)]	Estimated Staff	Total Estimated Service Population
Existing			
2018	8,639	665	9,304
2019[(b)]	8,806	670	9,376
Projected			
2030	10,735	826	11,561

(a) Student Enrollment is an estimate of full-time equivalent (FTE).
(b) 2019 is used as the baseline year due to the impacts of the pandemic in 2020.
(c) Estimated service population includes full-time equivalent student enrollment and staff.

Campus Design Standards Related to Water Efficiency and Conservation

The SJECCD District Standards + Campus Guidelines Handbook provides guidelines and standards for new development and is intended to be considered in conjunction with applicable building codes and regulations. Part B - Sustainable Design Guidelines includes guidance on, among other topics, water efficiency and conservation. Three considerations in Part B relevant to this Water Supply Evaluation include:

- Achieve water efficiency and conservation through efficient use of water indoors, outdoors, and in wastewater conveyance.
- Employ a variety of water-wise strategies to conserve and safeguard limited water resources.
- Implement landscape management best practices, such as drought-tolerant native plants, to aid in water conservation and protection of local watersheds.

Part C - Hardscape Elements, Part H - Landscape Elements, and Part K - Irrigation Standards includes guidance on, among other topics, stormwater management and water conservation, including:

- Opportunities for sustainable stormwater management include the use of permeable paving and bioswales where appropriate.
- Site drainage shall be directed into planted bio-swales where appropriate to minimize run-off to storm drains and meet CalGreen stormwater guidelines.
- Permeable pavers are an excellent solution for allowing site water to infiltrate without the use of storm basins.
- Quads and plazas can be planted with water conserving grass and large trees for shade.
- Individual irrigation systems around the campus shall be designed to water the entire landscaped area within that area in one evening between the hours of 10 pm and 8 am.
- Irrigation systems and plans shall be designed to meet the requirement of the State of California Assembly Bill AB 1881 and the Model Water Efficient Landscape Ordinance (MWELO) of the City of San José.

These and other guidelines and standards will help ensure that proposed development under the SJCC FMP will be water efficient and promote water conservation.

SJCC EXISTING AND PROJECTED WATER DEMANDS

Existing and projected campus water demands are discussed below.

Existing Campus Water Consumption

Existing SJCC campus water consumption for 2018 and 2019 was evaluated to understand existing campus water use and trends. Water consumption for the campus in 2020 was not evaluated as much of the campus was shut down for much of the year due to the pandemic, and thus 2020 campus water use would not be representative of typical campus operations. A summary of campus water use in 2018 and 2019 is provided in Table 3. As shown, water use on the SJCC campus in 2018 and 2019 was very similar in both years with total water use of about 20 million gallons per year, or about 55,000 gallons per day. That water use equates to just under 6 gallons per day per person, based on the estimated student enrollment and campus staff for each year, or about 0.09 gallons per day per the existing gross square footage of campus buildings. These water use trends were used to project future water demands for the SJCC campus under the FMP as described below.

Table 3. SJCC 2018 and 2019 Water Consumption

	2018	2019	Units
Total Annual Water Use[(a)]	20,070,336	20,422,644	Gallons per Year
Average Daily Water Use	54,987	55,952	Gallons per Day
Estimated Service Population[(b)]	9,304	9,376	Students and Staff
Average Daily Water Use per Person	5.91	5.97	Gallons per Day / Person
Building Gross Square Footage[(c)]	634,693	634,693	Gross Square Feet
Average Daily Water Use per Gross Square Feet	0.087	0.088	Gallons per Day / Gross Square Feet

(a) Based on San José Water Company water bills for SJCC water use accounts in 2018 and 2019.
(b) Estimated service population includes full-time equivalent student enrollment and staff (see Table 2).
(c) Existing building gross square footage (see Table 1).

Projected Future Campus Water Consumption

Future campus water use has been projected based on the proposed development under the SJCC FMP and the 2019 water use trends on the SJCC campus. Table 4 presents the projected 2030 water use estimated in two ways: (1) based on the proposed building gross square footage under the FMP and the 2019 average daily water use per gross square feet, and (2) based on the proposed 2030 service population under the FMP and the 2019 average daily water use per person. As shown, using the two projection methods yields very similar projections for the 2030 daily and annual water use, with the method based on the proposed 2030 service population resulting in a slightly higher water use projection (25.2 million gallons per year) than the method based on the proposed building gross square footage (24.9 million gallons per year).

Based on this evaluation, the projection developed based on the proposed 2030 service population (25.2 million gallons per year) will be used in this Water Supply Evaluation as it is slightly higher, and thus more conservative, than the projection developed based on the proposed future gross square footage of buildings. Using existing campus water use trends to project future campus water use is a conservative assumption for future campus water demands as water use in future campus buildings will likely be even more efficient than water use in existing campus buildings due the campus design guidelines and standards for water efficiency and conservation (described above).

The projected future campus water use under the SJCC FMP of 25.2 million gallons per year is about 24 percent higher than the 2019 campus water use.

Table 4. SJCC Projected 2030 Water Consumption

	2030	Units
Projected Water Use Based on Future Gross Square Footage of Buildings		
Proposed Building Gross Square Footage (see Table 1)	954,523	Gross Square Feet
Proposed Building Gross Square Footage (not including proposed 180,000 gsf Parking Structure)	774,523	Gross Square Feet
2019 Average Daily Water Use per Gross Square Feet (see Table 3)	0.088	Gallons per Day / Gross Square Feet
Estimated 2030 Daily Water Use	**68,200**	**Gallons per Day**
Estimated 2030 Annual Water Use	**24,900,000**	**Gallons per Year**
Projected Water Use Based on Future Estimated Service Population		
Estimated 2030 Service Population (see Table 2)	11,561	Includes projected student enrollment of 10,735 and 826 staff
2019 Average Daily Water Use per Person (see Table 3)	5.97	Gallons per Day / Person
Estimated 2030 Daily Water Use	**69,000**	**Gallons per Day**
Estimated 2030 Annual Water Use	**25,200,000**	**Gallons per Year**

SAN JOSE WATER COMPANY PROJECTED WATER DEMANDS AND WATER SUPPLIES

The SJWC projected water demands and supplies from its 2015 UWMP are discussed below.

SJWC Water Demands

SJWC's 2015 UWMP presents demand projections for 2020 to 2040 for SJWC's water service area, which includes the SJCC campus. Demand projections are provided by use type (e.g., single family, multi-family, commercial, industrial, institutional, etc.) and are summarized below in Table 5. SJWC's 2015 UWMP does not specifically identify demand projections for specific customers, such as SJCC. However, it is assumed that projected water demands for the SJCC campus are included in SJWC's demand projections and are classified by SJWC as institutional/governmental. Per SJWC's demand projections, institutional/governmental water use makes up less than 5 percent of SJWC's overall projected water demands through 2040.

Based on the SJWC projections for institutional/governmental water use, the existing (2019) SJCC water use of about 20.4 million gallons per year is less than 1 percent of SJWC's projected 2020 institutional water demand (and less than 0.04 percent of SJWC's projected 2020 overall demand). The projected 2030 SJCC water use of 25.2 million gallons per year is about 1 percent of SJWC's projected 2030 institutional water demand (and less than 0.05 percent of SJWC's projected overall demand).

Table 5. San Jose Water Company Water Demand Projections, million gallons[(a)]

Use Type	2020	2025	2030	2035	2040
Single Family	20,673	21,355	22,077	22,860	23,682
Multi-Family	3,648	3,769	3,896	4,034	4,179
Commercial	15,761	16,281	16,831	17,428	18,055
Industrial	303	313	323	335	347
Institutional/Governmental	2,156	2,227	2,302	2,384	2,470
Sales/Transfers/Exchanges to other agencies (resale of drinking water)	177	182	189	195	202
Other (portable meters)	65	67	69	72	75
Sales/Transfers/Exchanges to other agencies (resale of raw water)	56	58	60	62	64
Losses	2,978	3,076	3,180	3,293	3,412
Total Potable Water Demand	**45,817**	**47,328**	**48,927**	**50,663**	**52,486**
Total Recycled Water Demand[(b)]	**1,327**	**2,233**	**2,721**	**2,727**	**2,727**
Total Water Demand	**47,144**	**49,561**	**51,648**	**53,390**	**55,213**

(a) From SJWC 2015 UWMP, Table 4-2.
(b) From SJWC 2015 UWMP, Table 4-3.

SJWC Water Supplies

SJWC has three sources of potable water supply: groundwater, imported treated surface water and local surface water. On average, groundwater from the major water-bearing aquifers of the Santa Clara Subbasin comprises about 33 percent of SJWC's potable water supply. These aquifers are recharged naturally by rainfall and streams and artificially mainly by recharge ponds operated by Valley Water (formerly known as the Santa Clara Valley Water District, SCVWD). SJWC is under contract with Valley Water for the purchase of treated surface water which makes up about 50 percent of SJWC's potable water supply. This water originates from several sources including local reservoirs, the State Water Project and the federally-funded Central Valley Project San Felipe Division. Water enters SJWC's system at various turnouts after it is treated at one of Valley Water's three water treatment plants. SJWC's final source of potable supply is from surface water in the local watersheds of the Santa Cruz Mountains. Surface water typically provides about 7 percent of total water supply depending on the amount of annual rainfall. A series of dams and automated intakes collect water released from SJWC's lakes. The water is then sent to SJWC's Montevina Filter Plant for treatment prior to entering the distribution system. SJWC's Saratoga Treatment Plant draws water from a local stream which collects water from the nearby Santa Cruz Mountains.

In addition to potable water supplies, SJWC is a retailer of recycled water supplies. In 1997, SJWC entered into a Wholesaler-Retailer Agreement with the City of San José to provide recycled water to SJWC's existing and new customers located near South Bay Water Recycling recycled water distribution facilities;

wherein the City of San José is the wholesaler and SJWC is the retailer. It should be noted that recycled water, though available in other parts of San José, is not currently delivered to the SJCC campus.

SJWC Water Supply Reliability

SJWC's 2015 UWMP evaluated the reliability of its water supplies and the ability to meet projected water demands through 2040 under average year conditions, single dry year conditions and multiple dry year conditions. SJWC's water sources are constrained in one or more ways, driven by hydrologic conditions, water quality, and legal restrictions.

As shown in Table 6, SJWC projected adequate supplies for years 2020 to 2040 to meet system demand under average year conditions.

Table 6. San Jose Water Company Projected Supply vs. Demand in Average Years, million gallons[(a)]

	2020	2025	2030	2035	2040
Supply Totals	47,144	49,561	51,648	53,390	55,213
Demand Totals	47,144	49,561	51,648	53,390	55,213
Difference	0	0	0	0	0

(a) From SJWC 2015 UWMP, Table 7-2. Includes both potable and recycled water supply and demand.

As shown in Table 7, SJWC projected adequate supplies for years 2020 to 2035 to meet system demand under single dry year conditions. A supply shortage of about 6 percent was projected in 2040.

Table 7. San Jose Water Company Projected Supply vs. Demand in Single Dry Years, million gallons[(a)]

	2020	2025	2030	2035	2040
Supply Totals	45,817	47,328	48,927	50,663	49,368
Demand Totals	45,817	47,328	48,927	50,663	52,486
Difference	0	0	0	0	(3,118)

(a) From SJWC 2015 UWMP, Table 7-3. Includes potable water supply and demand only.

As shown in Table 8, SJWC projected adequate supplies for 2020 to 2040 to meet system demands under the first year of a multiple year drought, but projected shortages during the second and third years of a multiple year drought from 2020 to 2040. The projected supply shortages reach almost 41 percent in the third year of a drought in 2040.

Table 8. San Jose Water Company Projected Supply vs. Demand in Multiple Dry Years, million gallons[(a)]

		2020	2025	2030	2035	2040
First Year	Supply Totals	45,817	47,328	48,927	50,663	52,486
	Demand Totals	45,817	47,328	48,927	50,663	52,486
	Difference	0	0	0	0	0
Second Year	Supply Totals	40,909	47,134	45,293	43,316	42,890
	Demand Totals	45,817	47,328	48,927	50,663	52,486
	Difference	(4,908)	(194)	(3,634)	(7,347)	(9,596)
Third Year	Supply Totals	31,843	40,120	36,857	32,901	31,049
	Demand Totals	45,817	47,328	48,927	50,663	52,486
	Difference	(13,974)	(7,208)	(12,070)	(17,762)	(21,437)

(a) From SJWC 2015 UWMP, Table 7-4. Includes potable water supply and demand only.

SJWC's 2015 UWMP stated that Valley Water's then current (2015) water supply reserves were insufficient to meet SJWC needs throughout an extended drought, and that there were increasing concerns about the reliability of imported treated surface water during average years, driven by risks associated with climate change, reductions in imported water supplies, revenue requirements, and threats to infrastructure.

In January 2019, the Valley Water Board of Directors approved an updated long-term water supply reliability level-of-service goal. The goal is to develop supplies to meet at least 100 percent of annual water demand identified in the Valley Water's Master Plan during non-drought years and at least 80 percent of annual water demand in drought years.

In November 2019, Valley Water completed its Water Supply Master Plan 2040 (WSMP 2040) which provides a strategy for meeting future water demands consistent with Valley Water's updated level-of-service goal. Valley Water's Ensure Sustainability water supply strategy relies on the following three elements to provide a reliable supply of water to meet needs through 2040: (1) secure existing supplies and infrastructure; (2) increase water conservation and water reuse; and (3) optimize the use of existing supplies and infrastructure. With the phased implementation of planned future projects, Valley Water's available supplies are projected to increase over time. Planned future projects include Transfer Bethany Pipeline (2025); Anderson Dam Seismic Retrofit and Potable Reuse (2030); Guadalupe, Calero, and Almaden Dam Seismic Retrofits and Pacheco Reservoir Expansion (2035); and an additional 35,000 acre-feet per year of water conservation.

With Valley Water's Ensure Sustainability water supply strategy in place, for a six-year drought similar to the 1987 to 1992 drought at a 2040 demand level, the supplies would be sufficient to meet 100 percent of demand during the first five years of drought and more than 90 percent in the last year. Implementation of the Ensure Sustainability water supply strategy would also reduce the frequency and magnitude of short-term water use reductions under 2040 demands. With full implementation of all elements of the water supply strategy, short-term water use reductions would occur only 3 percent of the time, and the maximum call for water use reductions would be 20 percent.

Both SJWC and Valley Water are currently preparing their 2020 UWMPs which are due to the California Department of Water Resources by July 1, 2021. These 2020 UWMPs were not available for consideration in this Water Supply Evaluation. However, based on Valley Water's updated long-term water supply reliability level-of-service goal and the recommendations in its WSMP 2040, it is anticipated that SJWC's 2020 UWMP will show improved water supply reliability as compared to the 2015 UWMP.

SJWC's 2015 UWMP includes a Water Shortage Contingency Plan which outlines water shortage stages and actions to be taken under each stage to reduce water demands in the event of a supply shortage. It is assumed that SJWC will update its Water Shortage Contingency Plan in conjunction with its 2020 UWMP. As a customer of SJWC, SJCC will be subject to the water demand reduction actions enacted by SJWC in the event of a water shortage.

WATER SUPPLY EVALUATION FINDINGS AND CONCLUSIONS

Findings and conclusions of this Water Supply Evaluation for the SJCC FMP are as follows:

- Water demands for the SJCC campus are projected to increase from about 20.4 million gallons per year (2019) to about 25.2 million gallons by 2030 under the SJCC FMP.
- The existing (2019) SJCC water use of about 20.4 million gallons per year is less than 1 percent of SJWC's projected 2020 institutional water demand and less than 0.04 percent of SJWC's projected 2020 overall demand. The projected 2030 SJCC water use of 25.2 million gallons per year is about 1 percent of SJWC's projected 2030 institutional water demand and less than 0.05 percent of SJWC's projected overall demand.
- SJWC's 2015 UWMP indicated that SJWC had adequate supplies to meet projected demands in its service area for average years through 2040, single dry years through 2035, and the first year of a multiple year drought through 2040. However, supply shortages were projected for a single dry year in 2040 and the second and third years of a multiple year drought from 2020 to 2040.
- As SJWC receives most of its supplies from Valley Water imported surface water supplies, SJWC's supply reliability is highly dependent on the reliability of Valley Water's supplies.
- In January 2019, the Valley Water Board of Directors approved an updated long-term water supply reliability level-of-service goal. The goal is to develop supplies to meet at least 100 percent of annual water demand identified in the Valley Water's Master Plan during non-drought years and at least 80 percent of annual water demand in drought years.
- In November 2019, Valley Water completed its Water Supply Master Plan 2040 (WSMP 2040) which provides a strategy for meeting future water demands consistent with Valley Water's updated level-of-service goal.
- Although SJWC's 2020 UWMP and Valley Water's 2020 UWMP were not available for consideration for this Water Supply Evaluation, it is anticipated that SJWC's 2020 UWMP will show improved water supply reliability as compared to the 2015 UWMP based on Valley Water's updated level-of-service goal and strategy for meeting future water demands. As such, it is anticipated that SJWC will have adequate water supplies to meet the projected demands for the SJCC FMP.
- As noted above, water shortages may still occur, but are not anticipated to be as severe as shown in the SJWC 2015 UWMP. In the event of a water shortage, SJCC will be subject to the water demand reduction actions enacted by SJWC as part of its Water Shortage Contingency Plan.

REFERENCES

Cambridge West Partnership, LLC. Fall 2015. *San José City College Educational Master Plan*.

San Jose Water Company. June 2016. *2015 Urban Water Management Plan*.

San José-Evergreen Community College District (SJECCD). June 2014. *District Standards + Campus Guidelines.*

Valley Water. November 2019. *Water Supply Master Plan 2040*.

Appendix G

Comments on the Initial Study/ Notice of Preparation (NOP)

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
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October 29, 2020

Terrence Degray
San Jose Evergreen Community College District
40 S. Market Street
San Jose, CA 95113

Re: 2020100536, San Jose City College Facilities Master Plan Project, Santa Clara County

Dear Mr. Degray:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).

2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.

3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).

4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:

- **a.** The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
- **b.** Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:

- **a.** If part or all of the APE has been previously surveyed for cultural resources.
- **b.** If any known cultural resources have already been recorded on or adjacent to the APE.
- **c.** If the probability is low, moderate, or high that cultural resources are located in the APE.
- **d.** If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.

- **a.** The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
- **b.** The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Nancy.Gonzalez-Lopez@nahc.ca.gov.

Sincerely,

Nancy Gonzalez-Lopez
Cultural Resources Analyst

cc: State Clearinghouse

County of Santa Clara

Roads and Airports Department
Planning, Land Development and Survey

101 Skyport Drive
San Jose, CA 95110-1302
(408) 573-2460 FAX 441-0276

November 30, 2020

Terrance DeGray,
Associate Vice Chancellor,
Physical Plant Development and Operations San Jose Evergreen Community College District
40 S. Market Street
San Jose, CA 95113
Email: Terrance.DeGray@sjeccd.edu

SUBJECT: Notice Of Preparation Of An Environmental Impact Report For The San Jose City College Facilities Master Plan

The County of Santa Clara Roads and Airports Department in conjunction to the County of Santa Clara Facilities and Fleet Department (collectively known as "The County") appreciates the opportunity to review the Notice Of Preparation Of An Environmental Impact Report For The San Jose City College Facilities Master, and is submitting the following comments:

THE COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

- The County suggests that this project consult the Bascom Complete Street Project. This is a planning effort in partnership between VTA and its Member Agencies to transform select roadways into high-quality, multimodal streets that prioritize bicycle, pedestrian and transit travel while still serving motorists. The Bascom Corridor Complete Streets Study is a joint project with the City of San Jose, City of Campbell, and the County of Santa Clara.
  The purpose of this planning study is to identify opportunities along Bascom Avenue to demonstrate and advance Complete Streets improvements. The study will evaluate transit travel times, signal coordination, signal timing modifications, multimodal access, safety, and connectivity.
  The project detail and report can be found here: https://www.vta.org/projects/bascom-corridor-complete-streets-study

- This project should account for and accommodate the Bascom Complete Streets corridor improvements that are found in the study Chapter 4 pages 118-127. Referenced below:
  - PROPOSED DESIGN CONCEPT
    - The roadway is re-purposed to provide two 10-foot-wide travel lanes and an 11 foot-wide lane to accommodate buses in each direction, supported by an 18 foot-wide center turn lane. Existing on-street parking on both sides of the street will be re-purposed as new Class-IV bicycle facilities with protective bollards that shield

cyclists from high-speed vehicle traffic. This new bicycle network connects with other planned facilities in the area, such as those on Enborg Lane, Renova Drive, Moorpark Avenue, and Parkmoor Avenue,and provides much needed bike connectivity for students and staff at San Jose City College.
All transit stops are moved to the far side of intersections and improved with bus shelters and other supportive amenities, including seating, signage, and real-time travel updates.

- Existing signal times will also be improved to synchronize with vehicle traffic. A new pedestrian signal is added at the mid-block crossing near Santa Clara Valley Medical Center. Sidewalk gaps approaching Enborg lane will be filled in to create continuous pedestrian infrastructure throughout the corridor segment.

- All existing crosswalks are improved with enhanced striping and directional ramps for ADA accessibility, improving safety for all crossing pedestrians, especially vulnerable individuals accessing nearby medical facilities. Based on community input, a new crosswalk is added at Enborg Lane to improve connectivity in the area. Pedestrian safety comfort at Moorpark intersection is enhanced by redesigning the intersection without the porkchop islands. Gateway signage is introduced at Enborg Lane, Moorpark Avenue, and Parkmoor Avenue to celebrate the regional destinations in the area.

- SHORT-TERM IMPROVEMENTS

  - All three travel lanes are retained and reduced in width. The existing center turn lane is also retained to allow for left-turn entries into key destinations. New 10 foot-wide protected bicycle lanes are added on either side of the roadway and are supported by bollards.
  - Sidewalks on either side of the street are made continuous and landscaped with new street trees. All existing crosswalks are improved with enhanced striping. A green-striped mixing zone is implemented at transit stop to alert drivers of the presence of bicyclists, helping to reduce the potential for conflict between travel modes.

- LONG-TERM IMPROVEMENTS

  - The center turn lane is converted into an 18 foot-wide median landscaped with a continuous row of street trees. Left turn pockets are provided at key destinations and intersections, which also preserves emergency vehicle access to the Santa Clara Valley Medical Center.
  - At bus stops, curb bulbouts extend into the 10-foot bicycle lanes to improve safety for on-loading and offloading passengers. This arrangement causes the bicycle lanes to jog right of these bulbouts away from the roadway, minimizing the potential for conflict between different travel modes. In areas where the sidewalk is constrained, sidewalks are widened by extending into the landscaped areas along adjacent properties.
  - Sidewalks are lined with pedestrian oriented streetlights to improve safety. Curb

bulbouts on cross streets are introduced to reduce vehicle turning speeds, beautify the streetscape and improve storm water management. These bulbouts also improve pedestrian safety by reducing crossing distances at all intersections.

- Regarding all the proposed uses for the proposed project, would generate traffic to and from the project site as well as construction traffic during project construction.
  The EIR will evaluate the potential for development under the proposed SJCC FMP to conflict with programs, plans, ordinances, and policies addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. The expected increase in vehicle trips under the SJCC FMP discussed in the Initial Study would in turn increase the total amount of vehicle miles traveled (VMT) to and from the campus. We recommend that Bascom, Moorpark, and other County facilities near the project are included in the EIR to evaluate and identify transportation impacts and mitigation measures.

- Please provide site circulation map to show drop-off/pick-up locations around campus perimeter.

Board of Supervisors: Mike Wasserman, Dave Cortese, Susan Ellenberg, S. Joseph Simitian, Cindy Chavez
County Executive: Jeffrey V. Smith

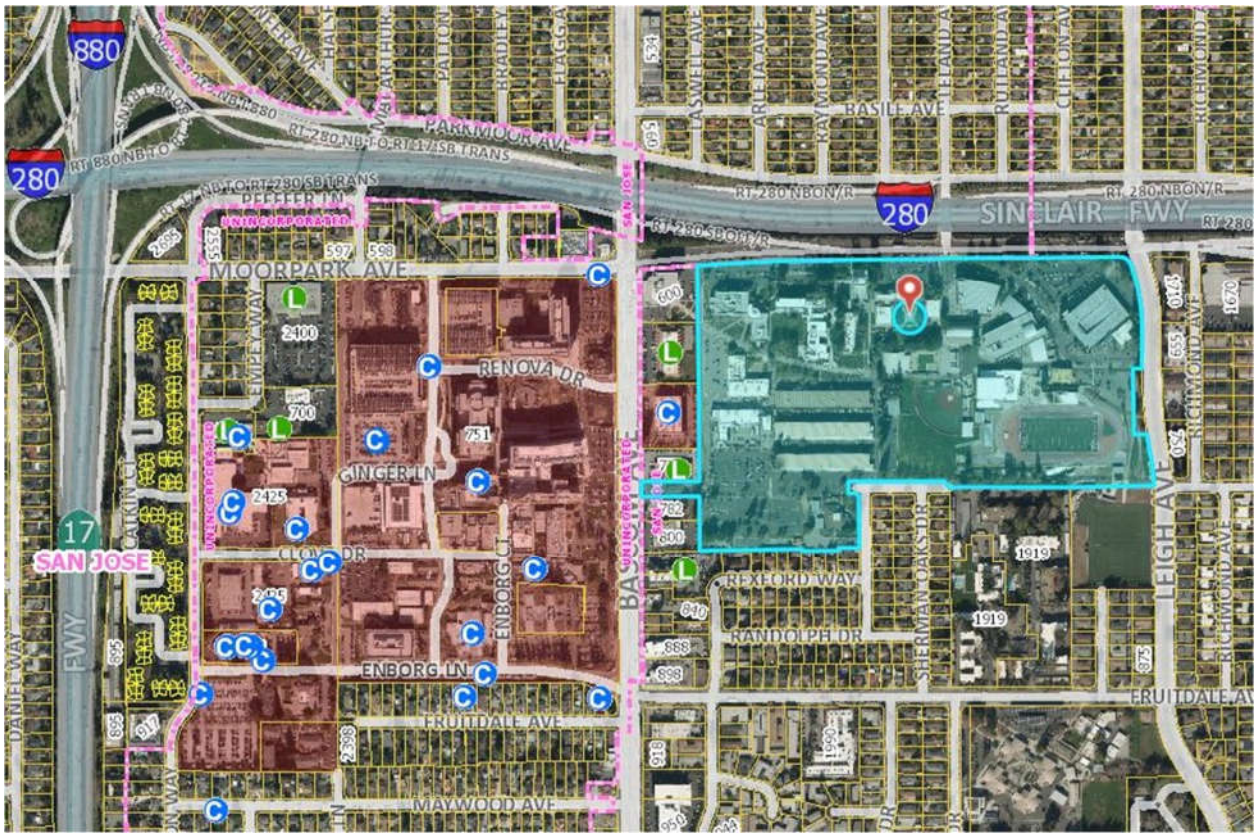
THE COUNTY OF SANTA CLARA FACILITIES AND FLEET DEPARTMENT

As mentioned in the NOP (pages 1, 3, and 17), the Santa Clara Valley Medical Center is adjacent to the project site. The Valley Medical Center is a County of Santa Clara owned medical campus. Services that this medical campus currently offers or has the capacity to offer in the future include ambulatory care, urgent care, emergency medical care, and specialty medical care, including Covid-19 treatment and care. In addition to the Valley Medical Center campus, the County has leased 3 buildings for health and hospital-related operations in the vicinity of the project site. The addresses of the County Facilities (Owned and Leased) in addition to the ones on VMC Campus are listed (Table 1) and a map depicting their proximity to the project site are below (Figure 1):

Table 1: Location of County Facilities Adjacent to Project Site
*Note: Does not include facilities on the Valley Medical Center Campus

Address	**County Owned/ Leased Facility**
650 S. Bascom Avenue, San Jose 95128	Leased
828 S. Bascom Avenue, San Jose 95128	Leased
770 S. Bascom Avenue, San Jose 95128	Leased
2400 Moorpark Avenue San Jose 95128	Leased
700 Empey Way Suite 110 San Jose 95128	Leased
720 Empey Way San Jose 95128	Leased
750 S. Bascom Avenue, San Jose 95128	Owned
2215 Fruitdale Avenue San Jose 95128	Owned
900 Thornton Way San Jose 95128	Owned
2220 Moorpark Avenue San Jose 95128	Owned
730 Empey Way San Jose 95128	Owned
2400 Enborg Lane San Jose 95128	Owned
2300 Enborg Lane San Jose 95128	Owned

Figure 2: Location of County Facilities with respect to the Project Site



Legend:
Blue: Proposed Project Site
Red: VMC Campus
L: County-Leased Facilities
C: County Owned Facilities

The County respectfully requests the San Jose Evergreen Community College to consider the following impacts to the Valley Medical Center in its San Jose City College Facilities Master Plan and related EIR.

Air Quality:

As stated on page 23 of the SJCC FMP Initial Study, the construction and development activities at the San Jose City College campus could expose sensitive receptors in the adjacent neighborhoods to substantial pollutant concentrations. The County Facilities listed in Table 1 and depicted in Figure 1 provide medical services to at-risk populations and others with serious health conditions. Therefore, the EIR should treat the County Facilities as sensitive receptors in the air quality impact analysis. The EIR should also evaluate all potential mitigation measures and project alternatives that could avoid or mitigate impacts to these sensitive receptors to less than significant levels.

Transportation:

- The County Facilities are accessible from Bascom Avenue, Moorpark Avenue, Parkmoor Avenue, and Fruitdale Avenue (Verify).
- As described on page 67, The proposed implementation of the SJCC FMP includes renovation and demolition activities. All the proposed activities for the project would generate traffic to and from the project site as well as construction traffic during project construction. The EIR should thoroughly evaluate all potential accessibility impacts to individuals using or serving the County Facilities such as emergency responders, employees, and patients. This analysis should include, but not be limited to, impacts on vehicular access, pedestrian access, and public transit operations.

Public Services:

- The EIR should analyze whether the project would result in additional demand for public services to the extent that existing facilities would need to be expanded or new facilities would need to be constructed. For example, if the project would result in additional traffic to the extent that that transportation/circulation system in the project vicinity would need to be modified or expanded.

Noise:

- As listed in page 60 of the SJCC FMP Initial Study, the proposed project would include construction and operation of education-related uses. Expanding the capacity of existing education uses within the SJCC campus may generate noise and vibration that could adversely affect nearby sensitive receptors. Construction-related noise could also affect sensitive receptors. As previously explained, the County Facilities are sensitive receptors. Thus, the EIR should evaluate the potential noise impacts to the County Facilities. The EIR should also evaluate all potential mitigation measures and project alternatives that could avoid or mitigate impacts to these sensitive receptors to less than significant levels.

Thank you for considering these comments. If you have any questions or concerns about these comments, please contact me at 408/573-2482 or Ellen.Talbo@rda.sccgov.org

Thank you,

Ellen Talbo,
County Transportation Planner
County Roads and Airports Department

Board of Supervisors: Mike Wasserman, Dave Cortese, Susan Ellenberg, S. Joseph Simitian, Cindy Chavez
County Executive: Jeffrey V. Smith

From: DeGray, Terrance
Sent: Wednesday, December 2, 2020 5:12 PM
To: Payne, Robyn (Bond Services)
Cc: Hawken, Christopher R.; Dale, Susan; Derry, Jenny (Bond Services)
Subject: FW: NOP for SJCC Facilities Master Plan

Hi Robyn,

Please provide these comments to ESA for the SJCC CEQA efforts.

Thanks,

Terrance
c: (804) 955-5512

From: Colleen Haggerty <CHaggerty@valleywater.org>
Sent: Tuesday, December 1, 2020 6:26 PM
To: DeGray, Terrance <Terrance.DeGray@sjeccd.edu>
Subject: NOP for SJCC Facilities Master Plan

[ALERT FROM ITSS: This message was sent from outside SJECCD's email. Do NOT respond to requests for personal information or passwords. Think twice before clicking on a link or opening an attachment.]

Terrance,
Valley Water has reviewed the NOP for the SJCC Facilities Master Plan and have the following comments for consideration in preparation of the DEIR:

1. Valley Water records indicate two wells located on APN: 282-43-016. To protect groundwater quality and in accordance with Valley Water Ordinance 90-1, all existing wells affected by new or redevelopment need to be identified and properly registered with the Valley Water and either be maintained or destroyed in accordance with Valley Water's standards. Destruction of any well and the construction of any new wells proposed, including monitoring wells, requires a permit from Valley Water prior to construction. Property owners or their representative should contact the Valley Water Wells and Water Measurement Unit at (408) 630-2660, for more information.
2. The DEIR should include a Water Supply Assessment (WSA) if the proposed development meets the threshold for completion of a WSA.
3. Consideration should be given measures that reduce reduce/avoid adverse impacts to water supply such as:
   - Requiring landscaping meet or exceed the requirements of the City's water efficient landscape regulations.
   - The installation of dual plumbing to facilitate and maximize the use of alternative water sources for irrigation, toilet flushing, cooling towers, and other non-potable water uses. Onsite reuse of water may be appropriate now or in the future.
   - Maximizing the use of alternative water sources for non-potable uses including stormwater, rainwater, and graywater.

When the DEIR is available for public review please forward a copy to us for our review.

thanks

Colleen Haggerty, PE
Associate Civil Engineer
Community Projects Review Unit
Santa Clara Valley Water District
5750 Almaden Expressway, San Jose, CA 95118
(408) 630-2322 direct | (408)265-2600 main | chaggerty@valleywater.org | www.valleywater.org
* Mailing address for FedEx, UPS, Golden State, *etc.*
Winfield Warehouse-5905 Winfield Blvd. San Jose, CA 95123-2428

County of Santa Clara

Roads and Airports Department
Planning, Land Development and Survey

101 Skyport Drive
San Jose, CA 95110-1302
(408) 573-2460 FAX 441-0276

February 22, 2021

Terrance DeGray,
Associate Vice Chancellor,
Physical Plant Development and Operations San Jose Evergreen Community College District
40 S. Market Street
San Jose, CA 95113
Email: Terrance.DeGray@sjeccd.edu

SUBJECT: Notice of Preparation of An Environmental Impact Report For The San Jose City College Facilities Master Plan

The County of Santa Clara Roads and Airports Department (The County) appreciates the opportunity to review the Notice of Preparation Of An Environmental Impact Report For The San Jose City College Facilities Master, and is submitting the following comments:

- If there are impacts to County facilities, the County would ask the project to modify or to contribute fair share to Bascom/Fruitdale to 8-phase operation.
- In addition to the proposed elements of the transportation section for CEQA, the County would like the two projects to consider preparing the Local Transportation Analysis (LTA) using Level-of-Service methodology at intersections where project trips are added to the existing traffic.
- The SJCC LTA to include neighborhood traffic issues in the area such as:
    - Speeding and cut-through traffic along MacArthur Ave and Leland Ave
    - Speeding and parking concerns along Laswell Ave
    - Existing operation for signalized intersection at Moorpark/Leland/Parkmoor and recommendations for improvements.
    - This project should account for and accommodate the Bascom Complete Street project corridor improvements (Chapter 4 pages 118-127) indicated in the previous initial comment already sent.

If you have any questions or concerns about these comments, please contact me at 408-573-2462 or ben.aghegnehu@rda.sccgov.org

Thank you.

Board of Supervisors: Mike Wasserman, Otto Lee, Susan Ellenberg, S. Joseph Simitian, Cindy Chavez
County Executive: Jeffrey V. Smith