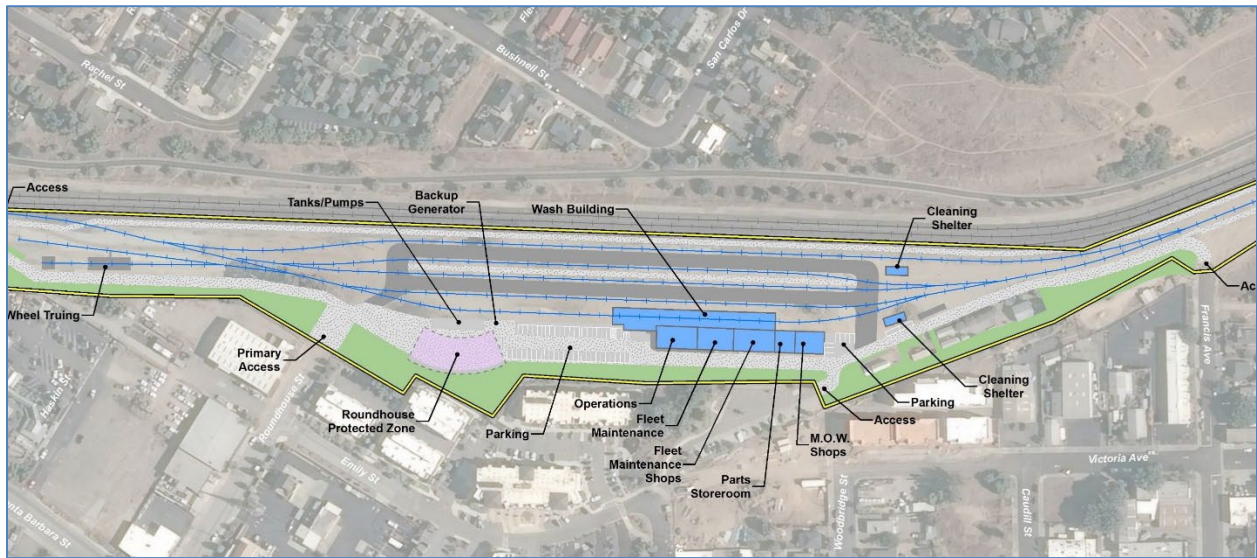


Final Air Quality Analysis Report

LOSSAN Rail Corridor Agency

Central Coast Layover Facility Project



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Project Overview

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

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

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

Project Location

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

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

Figure 1. Regional Location

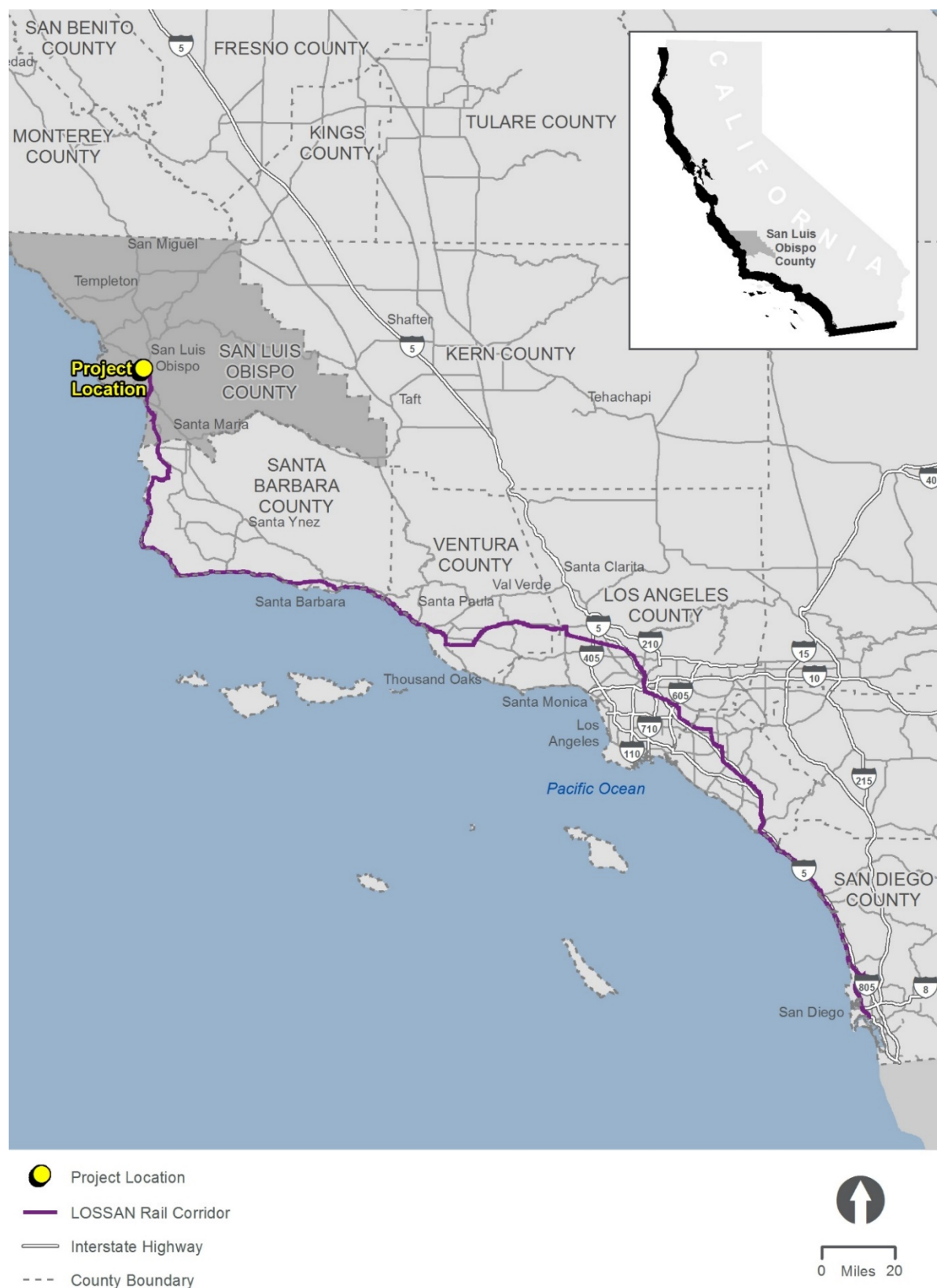
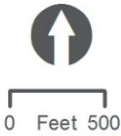


Figure 2. Project Site



-  Project Site
-  Existing Pacific Surfliner Layover Facility
-  Railroad Historic District
-  Existing San Luis Obispo Amtrak Station
-  LOSSAN Rail Corridor
-  San Luis Obispo Railroad Museum



Project Description

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

Rail Yard and Tracks

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

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

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

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

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

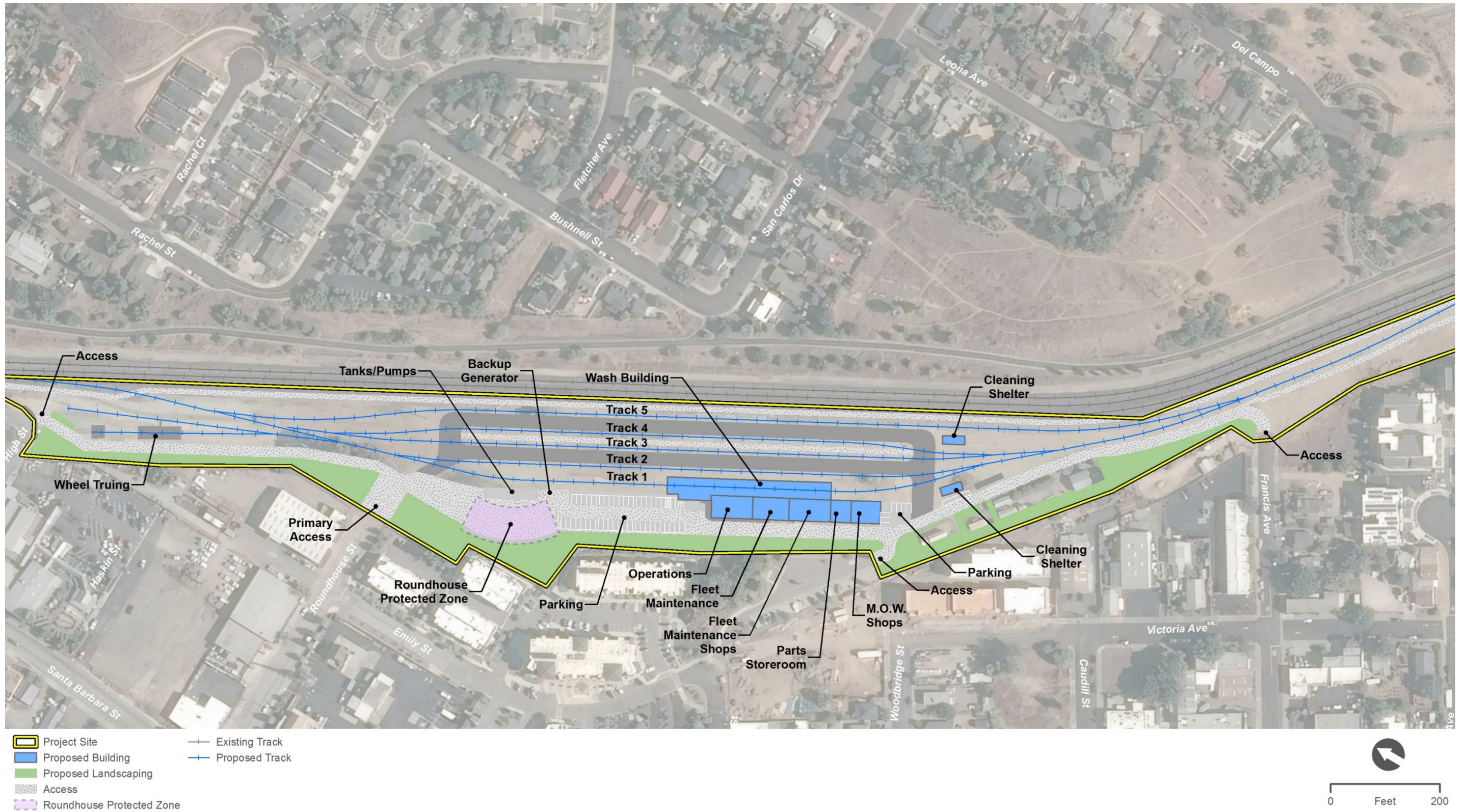
Buildings

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

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

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

Figure 3. Site Plan



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

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

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

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

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

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

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

Parking

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

Access

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

Landscape Plan

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

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

East Landscape Buffer

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

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

West Landscape Buffer and Class I Bike Trail

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

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

Roundhouse Protected Zone

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

The project's program elements would be arranged to avoid significant impact to the roundhouse footing, preserving as much exposed surface for view as possible. The proposed project would install a transparent perimeter fence along the southwest edge of the roundhouse, where bench seating and interpretive signage will be sited to create an informational node along the active transportation corridor.

Site Security

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

Phasing

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

Phase 1

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

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

Later Phases

Later phases would include the remaining Master Plan components as dictated by operational needs and as allowed by available funding. Initially this would focus on all items identified as essential components of the ultimate facility, followed later by those features that would expand overall capacity of the facility, as well as enhance operations and efficiency, but which are not immediately mandatory. The following project components could be constructed on the project site based on operational needs and available funding:

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

Construction

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

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

Phase 1

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

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

- Demolition and Rough Grading
- Utility Relocations
- West/East Landscape Buffer and Bike Path
- Access Drive, yard paving and service roads
- Fencing
- S&I Position, gage pit with canopy
- Storage track and 2 turnouts

- Exterior parking and driveway

Later Phases

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

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

Construction Staging and Access

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

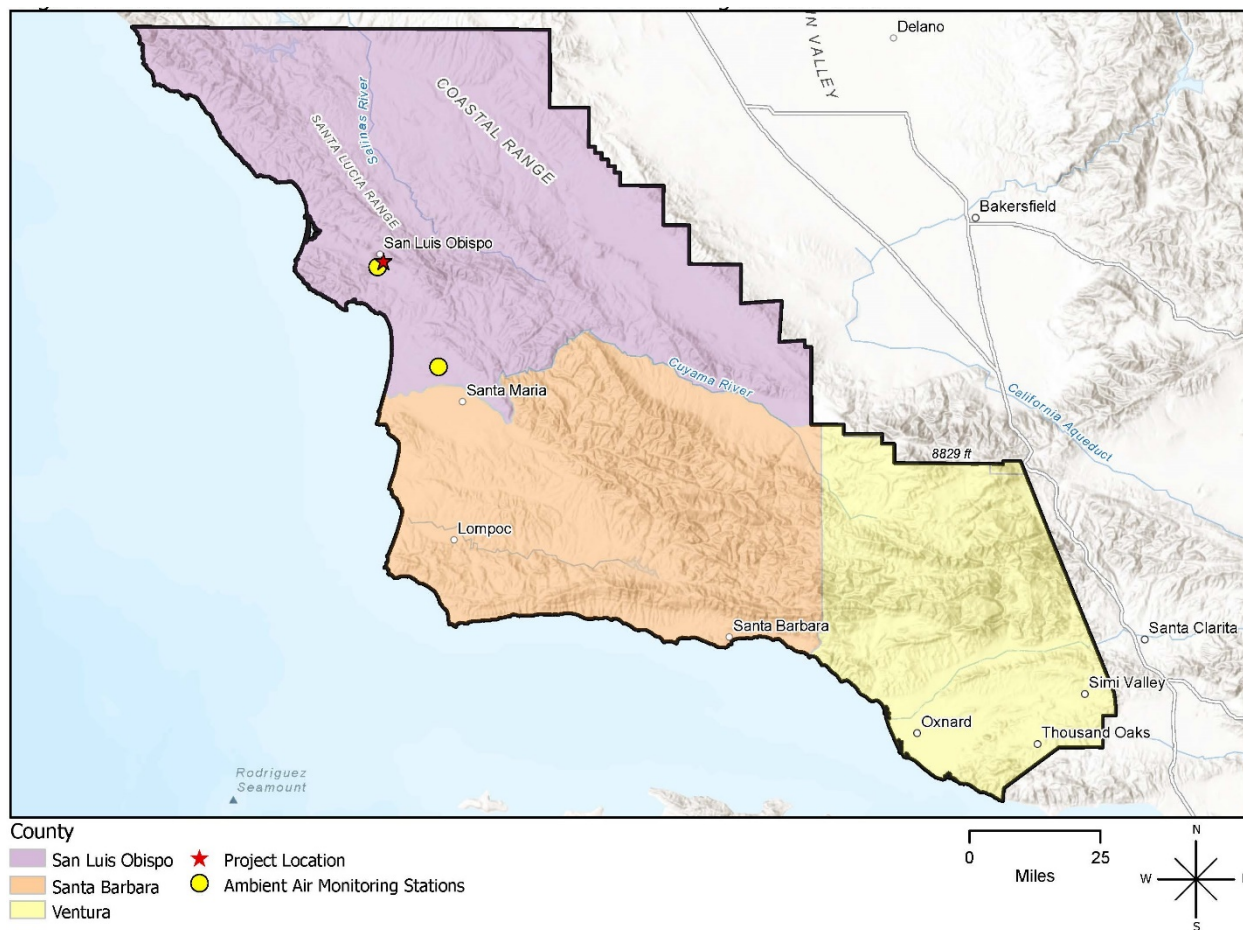
Regulatory Setting

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

Pollutant Specific Overview

Air pollutants are governed by multiple federal and state standards to regulate and mitigate health impacts. At the federal level, there are six criteria pollutants for which National Ambient Air Quality Standards (NAAQS) have been established: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO₂), ozone (O₃), particulate matter less than 2.5 microns in diameter (PM_{2.5}), particulate matter less than 10 microns in diameter (PM₁₀), and sulfur dioxide (SO₂). The United States Environmental Protection Agency (EPA) has also identified nine priority mobile source air toxics (MSAT) pollutants: 1,3 butadiene, acetaldehyde, acrolein, benzene, diesel particulate matter (DPM), ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter.

Figure 4. South Central Coast Air Basin



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

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	State Standard ^a	Federal Standard ^b	State Project Attainment Status	Federal Project Area Attainment Status
O ₃ ^c	1 hour	0.09 ppm	—	Nonattainment	—
O ₃	8 hours	0.070 ppm	0.070 ppm (4th highest in 3 years)	Nonattainment	Attainment
CO ^d	1 hour	20 ppm	35 ppm	Attainment	Attainment
CO	8 hours	9.0 ppm	9 ppm	Attainment	Attainment
PM ₁₀ ^e	24 hours	50 µg/m ³	150 µg/m ³ (expected number of	Nonattainment	Attainment

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

Notes:

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

- ^a California standards for O₃, CO (except 8-hour Lake Tahoe), SO₂ (1 and 24 hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and VRPs), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the CCR.
- ^b Federal standards (other than O₃, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The O₃ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
- ^c On October 1, 2015, the national 8-hour O₃ primary and secondary standards were lowered from 0.075 to 0.070 ppm. Transportation conformity applies in newly designated nonattainment areas for the 2015 national 8-hour O₃ primary and secondary standards on and after August 4th, 2019 (see [Transportation Conformity Guidance for 2015 Ozone NAAQS Nonattainment Areas](#)).
- ^d Transportation conformity requirements for CO no longer apply after June 1, 2018 for the following California Carbon Monoxide Maintenance Areas (see U.S. EPA CO Maintenance Letter).
- ^e On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard

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

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

Table 2. Criteria Pollutant Effects and Sources

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
O ₃	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known TACs. Biogenic VOC may also contribute.	Low-altitude O ₃ is almost entirely formed from ROG/VOC and NO _x in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.
CO	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical O ₃ . Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.
Respirable Particulate Matter (PM ₁₀)	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some TACs. Many toxic & other aerosol and solid compounds are part of PM ₁₀ .	Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.
Fine Particulate Matter (PM _{2.5})	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a TAC – is	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other

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

Source: Caltrans Standard Environmental Reference, May 2020.

Notes:

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

Mobile Source Air Toxics

Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments (CAAA) of 1990, whereby Congress mandated that the EPA regulate 188 air toxics, also known as hazardous air pollutants. The EPA has assessed this expansive list in its rule on the Control of Hazardous Air Pollutants from Mobile Sources (*Federal Register*, Vol. 72, No. 37, page 8430, February 26, 2007), and identified a group of 93 compounds emitted from mobile sources that are part of EPA’s Integrated Risk Information System (<https://www.epa.gov/iris>). In addition, the EPA identified nine compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk

drivers or contributors and non-hazard contributors from the 2011 National Air Toxics Assessment (<https://www.epa.gov/national-air-toxics-assessment>). These are *1,3-butadiene, acetaldehyde, acrolein, benzene, DPM, ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter*. While the Federal Highway Administration (FHWA) considers these the priority mobile source air toxics, the list is subject to change and may be adjusted in consideration of future EPA rules.

Greenhouse Gasses

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

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

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

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

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

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

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

by 2016, with the intention of gradually increasing the targets and the range of vehicles to which they would apply.

Regulations

Federal and California Clean Air Acts

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

National Environmental Policy Act (NEPA)

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

California Environmental Quality Act (CEQA)

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

Greenhouse Gas (GHG) Reduction Regulations

California has enacted aggressive GHG reduction targets, starting with Assembly Bill 32, the California Global Warming Solutions Act of 2006. Assembly Bill 32 is California's signature climate change legislation. It set the goal of reducing statewide GHG emissions to 1990 levels by 2020, and required the California Air Resources Board (ARB) to develop a Scoping Plan that describes the approach California will take to achieve that goal and to update it every 5 years. In 2015, Governor Jerry Brown enhanced the overall adaptation planning effort with Executive Order B-30-15, establishing an interim GHG reduction goal of 40 percent below 1990 levels by 2030, and requiring state agencies to factor climate change into all planning and investment decisions.

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

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

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

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

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

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

San Luis Obispo County Air Pollution Control District (APCD)

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

In 2009, the APCD adopted guidelines for assessment and mitigation of air quality impacts under CEQA. The CEQA Air Quality Handbook, which was updated in 2012 (APCD 2012) and subsequently amended in 2017 (APCD 2017a), is an advisory document that provides lead agencies, consultants, and project applicants with uniform procedures for addressing air quality issues in environmental documents. The CEQA Air Quality Handbook also includes standard construction and operational mitigation measures that may be applied to projects that exceed APCD thresholds. For instance, the APCD requires inclusion of Best Available Control Technology (BACT) for construction equipment when estimated ozone precursor emissions for the equipment and vehicle fleet are expected to exceed adopted thresholds of significance and implementation of fugitive dust control measures (watering of the grading site, vegetation of exposed soils, early roadway paving, construction vehicle speed control, etc.) for any project

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

with a grading area greater than 4 acres or that are located within 1,000 feet of any sensitive receptor.

Clean Air Plan

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

APCD Strategic Action Plan

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

- **Goal: Achieve and maintain attainment with National and State health based standards.**

Performance Measures:

1. State and Federal air quality standards are attained
2. Ozone design values and precursor emissions trend downward or do not increase over a running 10-year period
3. PM10 and PM2.5 design values and emissions trend downward over a running 10-year period

- **Goal: Manage toxic air contaminants to protect public health and meet risk thresholds.**

Performance Measures:

1. All new development approved by lead agencies meets the [SLOAPCD] Board [of Directors]- approved health risk thresholds in the APCD CEQA Handbook
2. All new Authorities to Construct approved by APCD meet the Board-approved health risk thresholds
3. All sources subject to State and Federal Air Toxics Regulations are in compliance with applicable requirements

- **Goal: Ensure air quality and public health impacts from land use are addressed.**

Performance Measures:

1. Approved air quality mitigation measures for new development projects are fully implemented.
2. Ratio of new residential development generated outside vs. inside urban and village reserve lines declines annually (specific reduction goal to be established after baseline is determined)

3. All new development approved by lead agencies meets the Board-approved health risk thresholds in the APCD CEQA Handbook

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

Performance Measures:

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

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

Performance Measures:

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

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

Performance Measures:

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

City of San Luis Obispo

Climate Action Plan

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

sources, including energy consumption, transportation, and organic waste disposal, to achieve this target.

Clean Energy Choice Program for New Buildings

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

Environmental Setting

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

Current Ambient Air Quality

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

San Joaquin Valley Fever

San Joaquin Valley Fever (Valley Fever), formally known as Coccidioidomycosis, is an infectious disease caused by the fungus *Coccidioides immitis*. Valley Fever is a disease of concern in the Basin. Infection is caused by inhalation of *Coccidioides immitis* spores that have become airborne when dry, dusty soil or dirt is disturbed by natural processes, such as wind or earthquakes, or by human-induced ground-disturbing activities, such as construction, farming, or other activities (APCD, 2021). In 2019, the number of cases of Valley Fever reported in

California was 9,004, with 265 cases reported in San Luis Obispo County (California Department of Public Health 2019). Between 2009 and 2012, the proportion of Valley Fever cases in the vicinity of the project site (City of San Luis Obispo) ranged from 0 to 38 cases per 100,000 people (County of San Luis Obispo 2014).

Table 3. Local Ambient Air Quality Measured at Higuera Street Station

Pollutant	2017	2018	2019
8-Hour Ozone (ppm), 8-Hr Maximum	0.066	0.053	0.060
Number of Days of State exceedances (>0.070)	0	0	0
Number of days of Federal exceedances (>0.070)	0	0	0
Ozone (ppm), Worst Hour	0.074	0.062	0.064
Number of days of State exceedances (>0.09 ppm)	0	0	0
Number of days of Federal exceedances (>0.112 ppm)	0	0	0
Nitrogen Dioxide (ppb) - Worst Hour ¹	32.0	25.0	25.0
Number of days of State exceedances (>0.18 ppm)	0	0	0
Number of days of Federal exceedances (0.10 ppm)	0	0	0
Particulate Matter 10 microns, mg/m ³ , Worst 24 Hours	70.1	46.4	103.7
Number of days above Federal standard (>150 mg/m ³)	0	0	0
Number of days above State standard (>50 mg/m ³)	5	0	1
Particulate Matter <2.5 microns, mg/m ³ , Worst 24 Hours	25.6	38.4	14.8
Number of days above Federal standard (>35 mg/m ³)	0	1	0
¹ Nitrogen dioxide data is not available at the Higuera Street monitoring station for 2017-2019 and is instead provided for the next nearest station: Nipomo-Regional Park, located approximately 16 miles south of the project site. Source: CARB 2021			

Sensitive Receptors

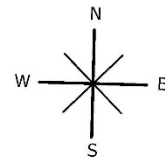
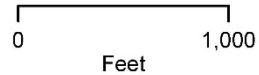
Ambient air quality standards were established to represent the levels of air quality considered sufficient, with a margin of safety, to protect public health and welfare. They are designed to protect the segment of the public that is most susceptible to respiratory distress, such as children under 14, the elderly over 65, persons engaged in strenuous work or exercise, and people with cardiovascular and chronic respiratory diseases. The majority of sensitive receptor locations are places such as schools, hospitals, and residences. Project vicinity sensitive receptors are shown in Figure 5.

Figure 5. Sensitive Receptor Locations



-  1/4 Mile Buffer
-  Project Site
-  Railroad Tracks
-  Residential Areas

-  **Sensitive Receptors**
- 1 Hawthorne Elementary School
- 2 Central California School
- 3 Christian Day School
- 4 Sinsheimer Elementary School
- 5 Meadow Park
- 6 Johnson Park
- 7 Sinsheimer Park



Impact Analysis

Methodology

Criteria pollutant and GHG emissions for project construction and operation were estimated using CalEEMod version 2020.4.0. CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. The model was developed for the California Air Pollution Control Officers Association (CAPCOA) in collaboration with the California air districts. CalEEMod allows for the use of default data (e.g., emission factors, trip lengths, meteorology, source inventory) provided by the various California air districts to account for local requirements and conditions, and/or user-defined inputs. The model calculates criteria pollutant emissions of CO, PM₁₀, PM_{2.5}, SO₂, and the ozone precursors, ROG and NO_x. The calculation methodology and input data used in CalEEMod can be found in the CalEEMod User's Guide Appendices A, D, and E (CAPCOA 2021).

The input data and subsequent construction and operation emission estimates for the proposed project are discussed below. CalEEMod output files for the project are included in Appendix B to this report. The "General Light Industrial" land use category was applied to all project buildings, and the "Other Non-Asphalt Surfaces" land use category was applied to the railroad right of way improvements.

An air toxics health risk assessment (HRA) was also prepared for this project that focuses on CCLF diesel particulate matter (DPM) emissions. Locomotive emissions were calculated per the United States Environmental Protection Agency (EPA) publication *Emission Factors for Locomotives* (EPA 2009). The HRA is included in the appendix to this report.

Construction Emissions

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

Described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the Project Description, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. For the purpose of providing a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

The quantity, duration, and the intensity of construction activity influences the amount of construction emissions and their related pollutant concentrations that occur at any one time. The emission forecasts modeled for this report reflect conservative assumptions where a relatively large amount of construction is occurring contemporaneously in a relatively intensive manner. If construction is delayed or occurs over a longer period, emissions would typically be reduced because of (1) a more modern and cleaner-burning construction equipment fleet mix than assumed in the CalEEMod, and/or (2) a less intensive buildout schedule (i.e., fewer daily emissions occurring over a longer time interval).

Per APCD prescribed methodology, GHG emissions from project construction activity must be quantified and amortized over the life of the project. The amortized construction emissions must be added to the annual average operational emissions and then compared to the operational thresholds. APCD recommends using 50 years for residential projects and 25 years for commercial projects.

Given the phased nature of this project, final project buildout would not likely occur until 10 years or more following initial construction activity. To assume a 25-year amortization period would effectively assume a 15-year (or less) useful life for latter project development phases. For this reason, a 30-year amortization period would be more appropriate yet still provide a conservative estimate of proposed project GHG emissions.

Operational Emissions

Operations-period emissions would include those related to worker commute and vendor trips, building/site maintenance activities, building energy consumption demands, and locomotive movement/idling activity. CalEEMod defaults were used to estimate criteria pollutant and GHG emissions associated with CCLF area, energy, and mobile sources. Locomotive emissions were calculated per the EPA publication *Emission Factors for Locomotives* (EPA 2009). Given that the Pacific Surfliner fleet will be 100 percent Tier-4 compliant prior to Phase 1 development, emissions rates were calculated accordingly.

Thresholds of Significance

Air Quality

The following thresholds are based on Appendix G of the *State CEQA Guidelines*. Impacts would be significant if the project would:

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

Per CEQA Guidelines, the significance criteria established by the regional air quality management or air quality pollution control district may be relied upon to make determinations. The APCD's recommended significance criteria are described in its *CEQA Air Quality Handbook* and are included below.

Consistency with Applicable Air Quality Plans

As recommended by the APCD, the most appropriate standard for assessing the significance of potential air quality impacts is the preparation of a consistency analysis where the project is evaluated against the land use goals, policies, and population projections contained in the current Clean Air Plan. The rationale for requiring the preparation of a consistency analysis is to ensure the attainment projections developed by the APCD are met and maintained. The APCD's *CEQA Air Quality Handbook* recommends evaluation if the project is consistent with the land use and transportation control measures and strategies outlined in the Clean Air Plan.

Construction and Operational Emissions Thresholds

The San Luis Obispo APCD (2012, 2017a) has adopted the *CEQA Air Quality Handbook* for quantifying and determining the significance of air quality emissions. Thresholds of significance contained in the *CEQA Air Quality Handbook* include:

- **Construction emissions** would be considered significant if the project were to generate more than 137 pounds of ROG and NO_x (combined) daily, or 2.5 tons of ROG and NO_x (combined) quarterly (Tier 1).
- **Construction emissions** would be considered significant if the project were to generate more than 7 pounds of diesel particulate matter daily, or 0.13 tons of diesel particulate matter quarterly (Tier 1).

- **Construction emissions** would be considered significant if the project were to generate more than 2.5 tons of PM₁₀ quarterly.
- The APCD has not established quantitative thresholds for CO emissions during construction.
- **Operations emissions** would be considered significant if the project were to generate more than 25 pounds per day of ROG and NO_x (combined), 1.25 pounds per day of diesel particulate matter (DPM), 25 pounds per day of PM₁₀, or 550 pounds per day of CO.
- **Operations emissions** would be considered significant if the project were to generate more than 25 tons per year of ROG and NO_x (combined), or 25 tons per year of PM₁₀.
- **Health risk impacts** would be considered significant if incremental cancer risk exceed 10 in 1 million or hazard index value exceed 1.0.

Greenhouse Gas Emissions

The following thresholds are based on Appendix G of the State CEQA Guidelines. Impacts would be significant if the project would:

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

Most individual projects do not generate sufficient GHG emissions to directly influence climate change. However, physical changes caused by a project can contribute incrementally to significant cumulative effects, even if individual changes resulting from a project are limited. As a result, the issue of climate change typically involves an analysis of whether a project's contribution towards an impact would be cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (CEQA Guidelines Section 15064[h][1]).

The qualitative threshold option is based on a consistency analysis in comparison to a Qualified GHG Reduction Strategy, or equitably similar adopted policies, ordinances and programs. If a project complies with a Qualified GHG Reduction Strategy that is specifically applicable to the project, then the project would be considered less than significant. The City of San Luis Obispo's 2020 CAP, which is based on SB 32 GHG emissions reduction goals, serves as the City's Qualified GHG Reduction Strategy, consistent with APCD guidance and CEQA Guidelines Section 15183.5(b), which allows for streamlining of the GHG impacts analysis of projects that are consistent with the 2020 CAP. This impact analysis includes an analysis of the

project's conformance with the City's adopted 2020 CAP. Therefore, the project's contribution to cumulative impacts related to GHG emissions and climate change would be cumulatively considerable if the project would be inconsistent with the City's 2020 CAP.

Attachment C to the City's 2020 CAP provides guidelines for determining a project's consistency with the 2020 CAP, and also provides quantitative GHG emission efficiency thresholds for residential, non-residential, and mixed-use projects. For non-residential projects, such as the proposed project, the GHG efficiency threshold is 0.7 MT CO₂e per employee. Projects that are consistent with the demographic forecasts and land use assumptions used in the 2020 CAP can use the City's CEQA GHG Emissions Analysis Compliance Checklist to demonstrate consistency with the 2020 CAP's GHG emissions reduction strategy, and if consistent, can tier from the existing programmatic environmental review contained in the adopted Initial Study-Negative Declaration (IS-ND) for the 2020 CAP. Projects that are not consistent with the demographic forecasts and land use assumptions should then consider if the project would reduce GHG emissions compared to existing on-site conditions. Projects that would result in reduced GHG emissions can also use the City's CEQA GHG Emissions Analysis Compliance Checklist to demonstrate consistency with the 2020 CAP. Projects that would not result in reduced GHG emissions are required to quantify project GHG emissions and compare the emissions to the 2020 CAP's provided efficiency threshold for the appropriate project type (City of San Luis Obispo 2020a).

Project Impacts

Air Quality

Threshold a: Would the project conflict with or obstruct implementation of the applicable air quality plan?

To be considered consistent with the San Luis Obispo County Clean Air Plan, a project must be consistent with the land use planning and transportation control measures and strategies outlined in the Clean Air Plan.

The project proposes to relocate and expand the existing Pacific Surfliner layover facility approximately 0.3-mile south of its existing location. The current location and proposed new location are both located entirely within the city's Railroad Historic District. Operation and maintenance activities (including corresponding workers) that currently occur at the existing facility would simply shift to the proposed new location. The existing facility would be decommissioned and no longer utilized. Per the reasons identified above, the proposed project would be consistent with the land use planning and transportation control measures and strategies outlined in the Clean Air Plan. Impacts would be less than significant.

Threshold b: Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Construction

As described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the Project Description, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. To provide a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

Project construction would generate temporary criteria pollutant emissions primarily because of operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transport building materials. As shown in Table 4, project construction emissions would not exceed APCD significance thresholds. As such, impacts would be less than significant.

Table 4. Estimate of Criteria Pollutant Emissions during Construction

Construction Period	ROG	NO _x	ROG + NO _x		CO	SO ₂	PM10		DPM	
	PPD	PPD	PPD	TPQ	PPD	PPD	PPD	TPQ	PPD	TPQ
Phase 1	3	28	31	0.5	27	<1	15	0.3	1	<0.1
Later Phases	13	10	23	0.2	7	<1	5	<0.1	<1	<0.1
APCD Significance Threshold	N/A	N/A	137	2.5	N/A	N/A	N/A	2.5	7	0.13
Exceed Daily Threshold?	--	--	No	No	--	--	--	No	No	No
PPD = pounds per day; TPQ = tons per quarter; DPM = diesel particulate matter See Appendix for Emissions Summary and CalEEMod modeling output sheets.										

Operations

Discussed above under *Methodology*, emissions sources would include (1) mobile emissions related to worker commute and vendor trips, (2) area source emissions related to building/site maintenance activities, (3) off-site emissions related to building energy consumption demands, (4) and locomotive movement and idling activity. Table 5 provides a conservative estimate of criteria pollutant emissions during long-term project operations. Due to lack of funding, the timing of full project buildout is uncertain. The year 2027 is used for this analysis to present maximum potential emissions. As shown in Table 5, operations-period emissions would not exceed APCD significance thresholds. Impacts would be less than significant.

Table 5. Estimate of Criteria Pollutant Emissions during Operations

	ROG	NO _x	ROG + NO _x		CO	SO ₂	PM10		DPM*
	PPD	PPD	PPD	TPY	PPD	PPD	PPD	TPY	PPD
Project Buildout – 2027	1	<1	1	<1	3	<1	<1	<1	0.34
APCD Significance Threshold	N/A	N/A	25	25	N/A	N/A	25	25	1.25
Exceed Daily Threshold?	--	--	No	No	--	--	--	No	No

* Includes locomotive idle emissions.
 PPD = pounds per day; TPY = tons per year; DPM = diesel particulate matter
 See Appendix for Emissions Summary and CalEEMod modeling output sheets.

Threshold c: Would the project expose sensitive receptors to substantial pollutant concentrations?

Carbon Monoxide (CO) Hot Spots

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

The entire Basin is in conformance with state and federal CO standards, and most air quality monitoring stations no longer report CO levels. No stations within the vicinity of the project site have monitored CO in the last 20 years, and the County is not required to monitor for CO (SLOAPCD 2017b). As shown in Table 5, project operations from area, energy, and mobile emissions sources combined would result in a net increase in maximum daily CO emissions of approximately 3 pounds. The APCD daily and annual CO threshold of 550 pounds per day is designed to be protective of public health. Based on the low background level of CO in the project area, ever-improving vehicle emissions standards for new cars in accordance with state and federal regulations, and the project’s low level of operational CO emissions, the project would not create new CO hotspots or contribute substantially to existing CO hotspots. Therefore, the project would not expose sensitive receptors to substantial CO concentrations, and localized air quality impacts related to CO hot spots would be less than significant.

San Joaquin Valley Fever

Project construction activities, including grading and construction vehicle traffic, could generate substantial localized quantities of dust and expose sensitive receptors (i.e., nearby residents, construction workers, etc.) to potential health hazards associated with the *Coccidioides* fungus, particularly during periods of high wind. Extended periods of high heat or unusually windy conditions could increase fugitive dust emissions and the associated potential for exposure to *Coccidioides immitis* spores. The project applicant and all construction contractors operating on

the site would be required to implement all of California Title 8 safety and health regulations necessary to protect employees from Valley Fever, which is caused by the *Coccidioides* fungus. Nevertheless, sensitive receptors could be exposed to potential health hazards associated with the *Coccidioides* fungus during project construction, and this impact would be potentially significant, requiring preparation of a Construction Valley Fever Plan to ensure the implementation of risk-minimizing Valley Fever suppression measures during construction (refer to Mitigation Measure AQ-1). Impacts would be less than significant with mitigation.

Naturally Occurring Asbestos (NOA)

Although the project would not result in the demolition of structures that may contain asbestos materials, the project would result in excavation and grading of soils within a mapped NOA buffer area, which may release NOA into the air. Since the project site lies within an area with the potential to contain NOA per the San Luis Obispo APCD NOA map, compliance with the NOA ATCM would be required. The NOA Air Toxics Control Measure (ATCM) requires submittal of a geologic evaluation determining whether serpentine rock is present on a project site, and if so, to what extent (less or more than 1 acre). Depending on the results of the geologic evaluation, the project would be required to file an exemption request form (if no serpentine is present), a Mini Dust Control Measure Plan (if less than 1 acre of serpentine is present), or an Asbestos Dust Control Measure Plan (if more than 1 acre of serpentine is present).

Presuming the project would disturb more than 1 acre of serpentine, the project would be required to submit a geologic evaluation and Asbestos Dust Control Measure Plan to the APCD for approval. Because serpentine rock containing NOA may be present on the project site, compliance with the NOA ATCM outlined in Mitigation Measure AQ-2 would be required. Impacts would be less than significant with mitigation.

Diesel Particulate Matter (DPM) Emissions

Construction-related activities would result in short-term, project-generated emissions of DPM exhaust emissions from off-road, heavy-duty diesel equipment for site preparation grading, building construction, and other construction activities. DPM was identified as a toxic air contaminant (TAC) by the California Air Resources Board in 1998.

Operational TACs include both organic and inorganic chemical substances that may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. Operation of the project, which includes specialized light industrial uses, would not generate substantial TAC emissions because they would not involve use of substances known to emit TACs.

As shown previously in Table 4 and Table 5, neither project construction nor operational emissions would exceed the APCD's adopted DPM thresholds. Nevertheless, a DPM health risk

assessment (HRA) was prepared to ascertain the incremental cancer risk that may result from locomotive engine idling associated with the proposed CCLF. The HRA is provided in the Appendix to this report. Each train overnighing at the CCLF would idle up to 30 minutes per day, approximately 15 minutes at shutdown and startup. Two trains would overnight at the CCLF at completion of Phase 1 construction. This number is estimated to increase to three trains in five years, then to four trains in ten years.

Although commercial and school uses are present within ¼-mile of the proposed CCLF, the HRA focused on residential uses only. This is because locomotive idling would generally occur between the hours 9 pm and 6 am, when workers and students are not present. As shown below in Table 6, potential impacts would not exceed APCD significance thresholds. Impacts would be less than significant.

Table 6. Estimate of Incremental Cancer Risk

	Incremental Cancer Risk	Hazzard Index
Residential MEI Location	3.7 in 1 million	0.001
APCD Significance Criteria	10.0 in 1 million	1.0
Exceed Threshold?	No	No
MEI = maximally exposed individual See Appendix for risk calculation worksheet and AERMOD modeling output sheets.		

Mitigation Measures

AQ-1 Valley Fever Suppression Measures

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

- A. If peak daily wind speeds exceed 15 mph or peak daily temperatures exceed 95 degrees Fahrenheit for three consecutive days, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) shall be implemented prior to and immediately following ground disturbing activities. The additional dust suppression shall continue until winds are 10 mph or lower and outdoor air temperatures are below a peak daily temperature of 90 degrees for at least two consecutive days.
- B. Heavy construction equipment traveling on un-stabilized roads within the project site shall be preceded by a water truck to dampen roadways and reduce dust from transportation along such roads.
- C. The LOSSAN Rail Corridor Agency shall notify the San Luis Obispo County Public Health Department and the City not more than 60 nor less than 30 days before construction activities commence to allow the San Luis Obispo County Public Health Department the opportunity to provide educational outreach to community members and medical providers, as well as

enhanced disease surveillance in the area both during and after construction activities involving grading.

- D. Prior to any project grading activity, the project construction contractor(s) shall prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction, including the fact that certain ethnic groups and immune-compromised persons are at greater risk of becoming ill with Valley Fever. The objective of the training shall be to ensure the workers are aware of the danger associated with Valley Fever. The worker training program shall be included in the standard in-person training for project workers and shall identify safety measures to be implemented by construction contractors during construction. Prior to initiating any grading, the LOSSAN Rail Corridor Agency shall provide the City and the San Luis Obispo County Public Health Department with copies of all educational training material for review and approval. No later than 30 days after any new employee or employees begin work, the project developer shall submit evidence to the City that each employee has acknowledged receipt of the training (e.g., sign-in sheets with a statement verifying receipt and understanding of the training).
- E. The LOSSAN Rail Corridor Agency shall work with a medical professional, in consultation with the San Luis Obispo County Public Health Department, to develop an educational handout for on-site workers and surrounding residents within three miles of the project site that includes the following information on Valley Fever:
- Potential sources/causes
 - Common symptoms
 - Options or remedies available should someone be experiencing these symptoms
 - The location of available testing for infection

Prior to any project grading activity, this handout shall have been created by the LOSSAN Rail Corridor Agency and reviewed by the City. No less than 30 days prior to any surface disturbance (e.g., grading, filling, trenching) work commencing, this handout shall be mailed to all existing residences within three miles of the project site.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit the Construction Valley Fever Plan to the City and SLOAPCD for review prior to the issuance of grading permits for the first project phase. The LOSSAN Rail Corridor Agency shall submit proof that San Luis Obispo County Public Health Department has been notified prior to commencement of construction activities; a worker training program has been conducted; and

the educational handout has been mailed to existing residences within three miles of the project site.

Monitoring. The City shall verify compliance with the Construction Valley Fever Plan during the grading phases of project construction. The City shall also verify notification of the San Luis Obispo County Public Health Department, implementation of the worker training program, and mailing of the educational handout via developer -submitted materials.

AQ-2 Naturally Occurring Asbestos Air Toxics Control Measure Compliance

The LOSSAN Rail Corridor Agency shall prepare a geologic evaluation to determine and describe the extent of serpentine rock on the project site. Depending on the conclusions of the geologic evaluation, the LOSSAN Rail Corridor Agency shall prepare and file:

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

If the project requires either a Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan, the LOSSAN Rail Corridor Agency will be required to submit the geologic evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the APCD for approval prior to the issuance of grading permits for the first project phase.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit the geologic evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the City and APCD for review prior to the issuance of grading permits for the first project phase.

Monitoring. The City shall verify compliance with the Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan during the grading phases of project construction.

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

Project construction would generate odors associated with fugitive dust and construction equipment exhaust. The proposed construction activities would not differ significantly from those resulting from any other type of construction project. Any effects would be short-term in nature and limited to the project construction phase. Impacts would be less than significant.

Cumulative Impacts

Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time. The region of analysis for cumulative effects on air quality is

the Basin. The Basin experiences chronic exceedances of state and federal ambient air quality standards because of past and present projects and is subject to continued nonattainment status by reasonably foreseeable future projects. These nonattainment conditions within the region are considered cumulatively significant. The APCD has prepared, and periodically updates, the County's regional Clean Air Plan that sets forth a comprehensive and integrated program that will lead the Basin into compliance with the federal and State air quality standards.

As previously discussed, the proposed project would be consistent with the Clean Air Plan, which is intended to bring the Basin into attainment for all criteria pollutants. Per APCD rules and mandates, as well as the CEQA requirement that significant impacts be mitigated to the extent feasible, these same requirements (i.e., implementation of all feasible mitigation measures and compliance with adopted Clean Air Plan emissions control measures) would also be imposed on all projects Basin-wide, which would include all nearby projects. For these reasons identified above, project emissions would not be cumulatively considerable.

Greenhouse Gas Emissions

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

Threshold b: Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Construction

As described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the *Project Description*, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. For the purpose of providing a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

Project construction would generate temporary GHG emissions primarily because of operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transport building materials. As shown in Table 7, construction would generate an estimated total of 759.19 MT CO₂e. Amortized over a 30-year period,⁵ construction would generate an estimated 25.31 MT CO₂e per year. Amortized construction emissions are included with operations emissions to determine significance.

⁵ See construction GHG emissions discussion under *Methodology* on page 24.

Table 7. Estimate of GHG Emissions during Construction

Phase and Evaluation Year	Emissions in MT of CO ₂ e
Phase 1 – 2024	569.09
Later Phases – 2025	190.10
Total	759.19
Amortized of 30 Years	25.31
MT = metric tons; CO ₂ e = carbon dioxide equivalent See Appendix for CalEEMod modeling output sheets.	

Operations

Project operations would generate GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation. Given that the proposed project would replace the existing Pacific Surfliner layover facility that is located approximately 0.3-mile to the north, current employees (along with their existing trip-generating activity and related GHG emissions) would simply transfer from the existing facility to the proposed new facility. As shown in Table 8, the project’s annual operational emissions combined with amortized construction emissions would total approximately 41.48 MT CO₂e per year, or approximately 0.64 MT CO₂e per employee per year. As such, project GHG emissions would not exceed the City’s 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year. Proposed project GHG emissions would be less than significant.

Table 8. Project Annual GHG Emissions Estimate

Emissions Source	Emissions in MT of CO ₂ e
Construction	25.31
Operations	16.27
Annual Total GHG Emissions	41.48
Service Population	65
Emissions per Employee	0.64
Efficiency Threshold	0.7
Exceed Threshold?	No
MT = metric tons; CO ₂ e = carbon dioxide equivalent See Appendix for CalEEMod modeling output sheets.	

Cumulative Impacts

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

CEQA requires that projects be evaluated to ascertain whether a project’s contribution towards climate change, in terms of GHG emissions, is cumulatively considerable. As discussed above under *Operations*, project GHG emissions would not exceed the efficiency thresholds set by the City’s 2020 CAP, and would therefore be considered consistent with the City’s 2020 CAP. As such, proposed project GHG emissions would not be cumulatively considerable.

References

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- California Air Resources Board. 2021. Top 4 Summary. <https://www.arb.ca.gov/adam/topfour/topfour1.php> (accessed September 2021).
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- San Luis Obispo County APCD. 2012. *2012 CEQA Air Quality Handbook*. Available: https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/CEQA_Handbook_2012_v2%20%28Updated%20Memo%20Table1-1_July2021%29_LinkedwithMemo.pdf. (accessed September 2021)
- _____. 2017a. *Clarification Memorandum for the San Luis Obispo County Air Pollution Control District's 2012 CEQA Air Quality Handbook*.
- _____. 2017b. 2017 Ambient Air Monitoring Network Plan. June 2017. <https://www.epa.gov/sites/production/files/2017-10/documents/caplan2017-sanluisobispo.pdf> (accessed September 2021).
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Appendix to Air Quality Analysis Report

CalEEMod Outputs

- Phase 1
- Later Phases

GHG Emissions Summary

Health Risk Assessment

Appendix to Air Quality Analysis Report

LOSSAN Corridor Agency Central Coast Layover Facility

LOSSAN CCLF Phase 1 - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**LOSSAN CCLF Phase 1
San Luis Obispo County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	13.00	Acre	13.00	566,280.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Phase 1 Project Elements
- Off-road Equipment - Exchanged scraper for excavator
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Trips and VMT - Project-specific adjustments
- Grading - 12,900 CY of earthen materials to be hauled away from site.
- Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance

LOSSAN CCLF Phase 1 - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	10.00	90.00
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	10.00	120.00
tblGrading	AcresOfGrading	90.00	13.00
tblGrading	AcresOfGrading	101.25	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	MaterialExported	0.00	3,225.00
tblGrading	MaterialExported	0.00	9,675.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00

2.0 Emissions Summary

LOSSAN CCLF Phase 1 - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1957	1.9760	1.3051	3.0000e-003	1.1766	0.0866	1.2632	0.6393	0.0797	0.7190	0.0000	265.1903	265.1903	0.0810	1.1400e-003	267.5563
2025	0.1987	1.9308	1.4962	3.3900e-003	1.1997	0.0790	1.2787	0.6517	0.0731	0.7248	0.0000	297.9465	297.9465	0.0779	5.5000e-003	301.5315
Maximum	0.1987	1.9760	1.4962	3.3900e-003	1.1997	0.0866	1.2787	0.6517	0.0797	0.7248	0.0000	297.9465	297.9465	0.0810	5.5000e-003	301.5315

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0394	0.1680	1.5076	3.0000e-003	0.4685	4.8100e-003	0.4733	0.2519	4.8000e-003	0.2567	0.0000	265.1900	265.1900	0.0810	1.1400e-003	267.5560
2025	0.0440	0.3495	1.7029	3.3900e-003	0.4848	5.3900e-003	0.4901	0.2587	5.3500e-003	0.2641	0.0000	297.9462	297.9462	0.0779	5.5000e-003	301.5312
Maximum	0.0440	0.3495	1.7029	3.3900e-003	0.4848	5.3900e-003	0.4901	0.2587	5.3500e-003	0.2641	0.0000	297.9462	297.9462	0.0810	5.5000e-003	301.5312

LOSSAN CCLF Phase 1 - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	78.87	86.75	-14.61	0.00	59.89	93.84	62.10	60.45	93.35	63.93	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2024	6-30-2024	0.7362	0.0726
2	7-1-2024	9-30-2024	0.6834	0.0575
3	10-1-2024	12-31-2024	0.7132	0.0734
4	1-1-2025	3-31-2025	0.6557	0.0855
5	4-1-2025	6-30-2025	0.7845	0.1671
6	7-1-2025	9-30-2025	0.6482	0.1318
		Highest	0.7845	0.1671

LOSSAN CCLF Phase 1 - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0484	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0484	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2024	5/24/2024	5	40	Demo and Rough Grading
2	Utility Relocation	Site Preparation	5/27/2024	9/27/2024	5	90	Utility Relocations
3	Sitework	Site Preparation	9/30/2024	3/14/2025	5	120	Landscaping

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4	Storage Track	Site Preparation	3/17/2025	8/29/2025	5	120	Storage Track
5	Paving	Paving	8/11/2025	10/3/2025	5	40	Access Drive, Service Roads

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 13

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Scrapers	2	6.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Utility Relocation	Rubber Tired Dozers	3	6.00	247	0.40
Utility Relocation	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Sitework	Rubber Tired Dozers	3	6.00	247	0.40
Sitework	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Rubber Tired Dozers	3	6.00	247	0.40
Storage Track	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Welders	2	8.00	46	0.45
Paving	Pavers	2	6.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38

Trips and VMT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Utility Relocation	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Sitework	6	15.00	0.00	319.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Storage Track	8	20.00	0.00	957.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0972	0.0000	0.0972	0.0504	0.0000	0.0504	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0429	0.4436	0.3179	7.8000e-004		0.0180	0.0180		0.0165	0.0165	0.0000	68.1643	68.1643	0.0221	0.0000	68.7154
Total	0.0429	0.4436	0.3179	7.8000e-004	0.0972	0.0180	0.1152	0.0504	0.0165	0.0669	0.0000	68.1643	68.1643	0.0221	0.0000	68.7154

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-004	6.2000e-004	7.3900e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1910	2.1910	6.0000e-005	6.0000e-005	2.2101
Total	9.0000e-004	6.2000e-004	7.3900e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1910	2.1910	6.0000e-005	6.0000e-005	2.2101

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					0.0379	0.0000	0.0379	0.0197	0.0000	0.0197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5200e-003	0.0412	0.3775	7.8000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	68.1642	68.1642	0.0221	0.0000	68.7154
Total	9.5200e-003	0.0412	0.3775	7.8000e-004	0.0379	1.2700e-003	0.0392	0.0197	1.2700e-003	0.0209	0.0000	68.1642	68.1642	0.0221	0.0000	68.7154

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-004	6.2000e-004	7.3900e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1910	2.1910	6.0000e-005	6.0000e-005	2.2101
Total	9.0000e-004	6.2000e-004	7.3900e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1910	2.1910	6.0000e-005	6.0000e-005	2.2101

3.3 Utility Relocation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6097	0.0000	0.6097	0.3352	0.0000	0.3352	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0850	0.8683	0.5434	1.1800e-003		0.0393	0.0393		0.0361	0.0361	0.0000	103.6783	103.6783	0.0335	0.0000	104.5165
Total	0.0850	0.8683	0.5434	1.1800e-003	0.6097	0.0393	0.6490	0.3352	0.0361	0.3713	0.0000	103.6783	103.6783	0.0335	0.0000	104.5165

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0300e-003	1.4000e-003	0.0166	5.0000e-005	6.5000e-003	3.0000e-005	6.5300e-003	1.7300e-003	3.0000e-005	1.7500e-003	0.0000	4.9298	4.9298	1.3000e-004	1.3000e-004	4.9726
Total	2.0300e-003	1.4000e-003	0.0166	5.0000e-005	6.5000e-003	3.0000e-005	6.5300e-003	1.7300e-003	3.0000e-005	1.7500e-003	0.0000	4.9298	4.9298	1.3000e-004	1.3000e-004	4.9726

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2378	0.0000	0.2378	0.1307	0.0000	0.1307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0144	0.0625	0.6253	1.1800e-003		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	103.6781	103.6781	0.0335	0.0000	104.5164
Total	0.0144	0.0625	0.6253	1.1800e-003	0.2378	1.9200e-003	0.2397	0.1307	1.9200e-003	0.1326	0.0000	103.6781	103.6781	0.0335	0.0000	104.5164

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0300e-003	1.4000e-003	0.0166	5.0000e-005	6.5000e-003	3.0000e-005	6.5300e-003	1.7300e-003	3.0000e-005	1.7500e-003	0.0000	4.9298	4.9298	1.3000e-004	1.3000e-004	4.9726
Total	2.0300e-003	1.4000e-003	0.0166	5.0000e-005	6.5000e-003	3.0000e-005	6.5300e-003	1.7300e-003	3.0000e-005	1.7500e-003	0.0000	4.9298	4.9298	1.3000e-004	1.3000e-004	4.9726

3.4 Sitework - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4539	0.0000	0.4539	0.2495	0.0000	0.2495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0632	0.6464	0.4045	8.8000e-004		0.0292	0.0292		0.0269	0.0269	0.0000	77.1827	77.1827	0.0250	0.0000	77.8068
Total	0.0632	0.6464	0.4045	8.8000e-004	0.4539	0.0292	0.4831	0.2495	0.0269	0.2764	0.0000	77.1827	77.1827	0.0250	0.0000	77.8068

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3.4 Sitework - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	0.0146	2.9100e-003	5.0000e-005	1.5200e-003	1.2000e-004	1.6400e-003	4.2000e-004	1.1000e-004	5.3000e-004	0.0000	5.3743	5.3743	2.0000e-004	8.5000e-004	5.6330
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.0400e-003	0.0124	4.0000e-005	4.8400e-003	2.0000e-005	4.8600e-003	1.2900e-003	2.0000e-005	1.3100e-003	0.0000	3.6700	3.6700	9.0000e-005	1.0000e-004	3.7019
Total	1.7400e-003	0.0156	0.0153	9.0000e-005	6.3600e-003	1.4000e-004	6.5000e-003	1.7100e-003	1.3000e-004	1.8400e-003	0.0000	9.0442	9.0442	2.9000e-004	9.5000e-004	9.3349

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1770	0.0000	0.1770	0.0973	0.0000	0.0973	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0107	0.0466	0.4655	8.8000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	77.1826	77.1826	0.0250	0.0000	77.8067
Total	0.0107	0.0466	0.4655	8.8000e-004	0.1770	1.4300e-003	0.1785	0.0973	1.4300e-003	0.0987	0.0000	77.1826	77.1826	0.0250	0.0000	77.8067

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3.4 Sitework - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	0.0146	2.9100e-003	5.0000e-005	1.5200e-003	1.2000e-004	1.6400e-003	4.2000e-004	1.1000e-004	5.3000e-004	0.0000	5.3743	5.3743	2.0000e-004	8.5000e-004	5.6330
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5100e-003	1.0400e-003	0.0124	4.0000e-005	4.8400e-003	2.0000e-005	4.8600e-003	1.2900e-003	2.0000e-005	1.3100e-003	0.0000	3.6700	3.6700	9.0000e-005	1.0000e-004	3.7019
Total	1.7400e-003	0.0156	0.0153	9.0000e-005	6.3600e-003	1.4000e-004	6.5000e-003	1.7100e-003	1.3000e-004	1.8400e-003	0.0000	9.0442	9.0442	2.9000e-004	9.5000e-004	9.3349

3.4 Sitework - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3591	0.0000	0.3591	0.1974	0.0000	0.1974	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0465	0.4750	0.3117	7.0000e-004		0.0205	0.0205		0.0189	0.0189	0.0000	61.0695	61.0695	0.0198	0.0000	61.5633
Total	0.0465	0.4750	0.3117	7.0000e-004	0.3591	0.0205	0.3796	0.1974	0.0189	0.2163	0.0000	61.0695	61.0695	0.0198	0.0000	61.5633

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3.4 Sitework - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.8000e-004	0.0112	2.3300e-003	4.0000e-005	1.2000e-003	9.0000e-005	1.2900e-003	3.3000e-004	9.0000e-005	4.2000e-004	0.0000	4.1643	4.1643	1.6000e-004	6.6000e-004	4.3651
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	7.4000e-004	9.1700e-003	3.0000e-005	3.8300e-003	2.0000e-005	3.8400e-003	1.0200e-003	2.0000e-005	1.0300e-003	0.0000	2.8366	2.8366	7.0000e-005	7.0000e-005	2.8601
Total	1.3100e-003	0.0119	0.0115	7.0000e-005	5.0300e-003	1.1000e-004	5.1300e-003	1.3500e-003	1.1000e-004	1.4500e-003	0.0000	7.0009	7.0009	2.3000e-004	7.3000e-004	7.2252

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1400	0.0000	0.1400	0.0770	0.0000	0.0770	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-003	0.0368	0.3682	7.0000e-004		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	61.0694	61.0694	0.0198	0.0000	61.5632
Total	8.5000e-003	0.0368	0.3682	7.0000e-004	0.1400	1.1300e-003	0.1412	0.0770	1.1300e-003	0.0781	0.0000	61.0694	61.0694	0.0198	0.0000	61.5632

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3.4 Sitework - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.8000e-004	0.0112	2.3300e-003	4.0000e-005	1.2000e-003	9.0000e-005	1.2900e-003	3.3000e-004	9.0000e-005	4.2000e-004	0.0000	4.1643	4.1643	1.6000e-004	6.6000e-004	4.3651
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	7.4000e-004	9.1700e-003	3.0000e-005	3.8300e-003	2.0000e-005	3.8400e-003	1.0200e-003	2.0000e-005	1.0300e-003	0.0000	2.8366	2.8366	7.0000e-005	7.0000e-005	2.8601
Total	1.3100e-003	0.0119	0.0115	7.0000e-005	5.0300e-003	1.1000e-004	5.1300e-003	1.3500e-003	1.1000e-004	1.4500e-003	0.0000	7.0009	7.0009	2.3000e-004	7.3000e-004	7.2252

3.5 Storage Track - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8130	0.0000	0.8130	0.4469	0.0000	0.4469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1317	1.2365	0.9039	1.8800e-003		0.0514	0.0514		0.0477	0.0477	0.0000	160.8570	160.8570	0.0469	0.0000	162.0286
Total	0.1317	1.2365	0.9039	1.8800e-003	0.8130	0.0514	0.8644	0.4469	0.0477	0.4945	0.0000	160.8570	160.8570	0.0469	0.0000	162.0286

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3.5 Storage Track - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2200e-003	0.0759	0.0158	2.9000e-004	8.1800e-003	6.1000e-004	8.7900e-003	2.2500e-003	5.8000e-004	2.8300e-003	0.0000	28.2860	28.2860	1.0800e-003	4.4900e-003	29.6497
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4100e-003	2.2300e-003	0.0277	9.0000e-005	0.0116	5.0000e-005	0.0116	3.0700e-003	5.0000e-005	3.1200e-003	0.0000	8.5634	8.5634	2.1000e-004	2.2000e-004	8.6344
Total	4.6300e-003	0.0781	0.0435	3.8000e-004	0.0197	6.6000e-004	0.0204	5.3200e-003	6.3000e-004	5.9500e-003	0.0000	36.8493	36.8493	1.2900e-003	4.7100e-003	38.2841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3171	0.0000	0.3171	0.1743	0.0000	0.1743	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0245	0.2039	1.0133	1.8800e-003		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003	0.0000	160.8568	160.8568	0.0469	0.0000	162.0284
Total	0.0245	0.2039	1.0133	1.8800e-003	0.3171	2.9200e-003	0.3200	0.1743	2.9200e-003	0.1772	0.0000	160.8568	160.8568	0.0469	0.0000	162.0284

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3.5 Storage Track - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2200e-003	0.0759	0.0158	2.9000e-004	8.1800e-003	6.1000e-004	8.7900e-003	2.2500e-003	5.8000e-004	2.8300e-003	0.0000	28.2860	28.2860	1.0800e-003	4.4900e-003	29.6497
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4100e-003	2.2300e-003	0.0277	9.0000e-005	0.0116	5.0000e-005	0.0116	3.0700e-003	5.0000e-005	3.1200e-003	0.0000	8.5634	8.5634	2.1000e-004	2.2000e-004	8.6344
Total	4.6300e-003	0.0781	0.0435	3.8000e-004	0.0197	6.6000e-004	0.0204	5.3200e-003	6.3000e-004	5.9500e-003	0.0000	36.8493	36.8493	1.2900e-003	4.7100e-003	38.2841

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0137	0.1287	0.2187	3.4000e-004		6.2800e-003	6.2800e-003		5.7800e-003	5.7800e-003	0.0000	30.0289	30.0289	9.7100e-003	0.0000	30.2717
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0137	0.1287	0.2187	3.4000e-004		6.2800e-003	6.2800e-003		5.7800e-003	5.7800e-003	0.0000	30.0289	30.0289	9.7100e-003	0.0000	30.2717

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3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.6000e-004	6.9200e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1408	2.1408	5.0000e-005	6.0000e-005	2.1586
Total	8.5000e-004	5.6000e-004	6.9200e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1408	2.1408	5.0000e-005	6.0000e-005	2.1586

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.0182	0.2594	3.4000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	30.0289	30.0289	9.7100e-003	0.0000	30.2717
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.2100e-003	0.0182	0.2594	3.4000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	30.0289	30.0289	9.7100e-003	0.0000	30.2717

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3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.6000e-004	6.9200e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1408	2.1408	5.0000e-005	6.0000e-005	2.1586
Total	8.5000e-004	5.6000e-004	6.9200e-003	2.0000e-005	2.8900e-003	1.0000e-005	2.9000e-003	7.7000e-004	1.0000e-005	7.8000e-004	0.0000	2.1408	2.1408	5.0000e-005	6.0000e-005	2.1586

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.502926	0.057913	0.201381	0.142041	0.033535	0.008550	0.008361	0.005979	0.000919	0.000356	0.031380	0.000886	0.005774

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004
Unmitigated	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0366					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004
Total	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0366					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004
Total	0.0484	0.0000	2.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.3000e-004	4.3000e-004	0.0000	0.0000	4.5000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**LOSSAN CCLF Phase 1
San Luis Obispo County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	13.00	Acre	13.00	566,280.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Phase 1 Project Elements

Off-road Equipment - Exchanged scraper for excavator

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Trips and VMT - Project-specific adjustments

Grading - 12,900 CY of earthen materials to be hauled away from site.

Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	10.00	90.00
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	10.00	120.00
tblGrading	AcresOfGrading	90.00	13.00
tblGrading	AcresOfGrading	101.25	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	MaterialExported	0.00	3,225.00
tblGrading	MaterialExported	0.00	9,675.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00

2.0 Emissions Summary

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.1878	22.2064	16.2748	0.0400	13.7445	0.8986	14.6208	7.5001	0.8267	8.3064	0.0000	3,882.040 1	3,882.040 1	1.2180	0.0311	3,913.397 1
2025	3.0003	28.3278	27.0905	0.0559	14.0352	1.1819	15.2171	7.5780	1.0942	8.6722	0.0000	5,415.028 1	5,415.028 1	1.4223	0.0890	5,477.114 6
Maximum	3.0003	28.3278	27.0905	0.0559	14.0352	1.1819	15.2171	7.5780	1.0942	8.6722	0.0000	5,415.028 1	5,415.028 1	1.4223	0.0890	5,477.114 6

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.5204	2.0900	19.2526	0.0400	5.4792	0.0641	5.5261	2.9568	0.0641	3.0035	0.0000	3,882.040 1	3,882.040 1	1.2180	0.0311	3,913.397 1
2025	0.7376	5.5926	30.9528	0.0559	5.7699	0.0883	5.8582	3.0347	0.0878	3.1225	0.0000	5,415.028 1	5,415.028 1	1.4223	0.0890	5,477.114 6
Maximum	0.7376	5.5926	30.9528	0.0559	5.7699	0.0883	5.8582	3.0347	0.0878	3.1225	0.0000	5,415.028 1	5,415.028 1	1.4223	0.0890	5,477.114 6

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	75.75	84.80	-15.77	0.00	59.51	92.67	61.85	60.26	92.10	63.92	0.00	0.00	0.00	0.00	0.00	0.00

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	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	0.2654	1.0000e-005	1.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005	0.0000	3.0300e-003

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	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	0.2654	1.0000e-005	1.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005	0.0000	3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2024	5/24/2024	5	40	Demo and Rough Grading
2	Utility Relocation	Site Preparation	5/27/2024	9/27/2024	5	90	Utility Relocations
3	Sitework	Site Preparation	9/30/2024	3/14/2025	5	120	Landscaping
4	Storage Track	Site Preparation	3/17/2025	8/29/2025	5	120	Storage Track
5	Paving	Paving	8/11/2025	10/3/2025	5	40	Access Drive, Service Roads

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 13

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Scrapers	2	6.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Utility Relocation	Rubber Tired Dozers	3	6.00	247	0.40
Utility Relocation	Tractors/Loaders/Backhoes	3	6.00	97	0.37

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sitework	Rubber Tired Dozers	3	6.00	247	0.40
Sitework	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Rubber Tired Dozers	3	6.00	247	0.40
Storage Track	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Welders	2	8.00	46	0.45
Paving	Pavers	2	6.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Utility Relocation	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Sitework	6	15.00	0.00	319.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Storage Track	8	20.00	0.00	957.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8612	0.0000	4.8612	2.5199	0.0000	2.5199			0.0000			0.0000
Off-Road	2.1432	22.1784	15.8945	0.0388		0.8979	0.8979		0.8261	0.8261		3,756.9135	3,756.9135	1.2151		3,787.2900
Total	2.1432	22.1784	15.8945	0.0388	4.8612	0.8979	5.7591	2.5199	0.8261	3.3460		3,756.9135	3,756.9135	1.2151		3,787.2900

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8959	0.0000	1.8959	0.9828	0.0000	0.9828			0.0000			0.0000
Off-Road	0.4759	2.0621	18.8723	0.0388		0.0635	0.0635		0.0635	0.0635	0.0000	3,756.9135	3,756.9135	1.2151		3,787.2900
Total	0.4759	2.0621	18.8723	0.0388	1.8959	0.0635	1.9593	0.9828	0.0635	1.0462	0.0000	3,756.9135	3,756.9135	1.2151		3,787.2900

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.8877	19.2958	12.0750	0.0262		0.8722	0.8722		0.8024	0.8024		2,539.6824	2,539.6824	0.8214		2,560.2170
Total	1.8877	19.2958	12.0750	0.0262	13.5497	0.8722	14.4219	7.4480	0.8024	8.2504		2,539.6824	2,539.6824	0.8214		2,560.2170

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,539.682 4	2,539.682 4	0.8214		2,560.217 0
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,539.682 4	2,539.682 4	0.8214		2,560.217 0

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.8877	19.2958	12.0750	0.0262		0.8722	0.8722		0.8024	0.8024		2,539.6824	2,539.6824	0.8214		2,560.2170
Total	1.8877	19.2958	12.0750	0.0262	13.5497	0.8722	14.4219	7.4480	0.8024	8.2504		2,539.6824	2,539.6824	0.8214		2,560.2170

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-003	0.4222	0.0864	1.6200e-003	0.0465	3.4600e-003	0.0500	0.0127	3.3100e-003	0.0161		176.7766	176.7766	6.4300e-003	0.0280	185.2884
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0517	0.4502	0.4667	2.8300e-003	0.1948	4.1400e-003	0.1989	0.0521	3.9300e-003	0.0560		301.9033	301.9033	9.3800e-003	0.0311	311.3955

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-003	0.4222	0.0864	1.6200e-003	0.0465	3.4600e-003	0.0500	0.0127	3.3100e-003	0.0161		176.7766	176.7766	6.4300e-003	0.0280	185.2884
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0446	0.0280	0.3803	1.2100e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		125.1267	125.1267	2.9500e-003	3.0400e-003	126.1071
Total	0.0517	0.4502	0.4667	2.8300e-003	0.1948	4.1400e-003	0.1989	0.0521	3.9300e-003	0.0560		301.9033	301.9033	9.3800e-003	0.0311	311.3955

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.7554	17.9241	11.7616	0.0262		0.7745	0.7745		0.7126	0.7126		2,540.2859	2,540.2859	0.8216		2,560.8254
Total	1.7554	17.9241	11.7616	0.0262	13.5497	0.7745	14.3242	7.4480	0.7126	8.1606		2,540.2859	2,540.2859	0.8216		2,560.8254

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.9000e-003	0.4083	0.0874	1.5800e-003	0.0465	3.3800e-003	0.0499	0.0128	3.2400e-003	0.0160		173.1588	173.1588	6.6000e-003	0.0275	181.5072
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652
Total	0.0490	0.4334	0.4431	2.7500e-003	0.1948	4.0300e-003	0.1988	0.0521	3.8300e-003	0.0559		295.4095	295.4095	9.2800e-003	0.0303	304.6724

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,540.2859	2,540.2859	0.8216		2,560.8254
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,540.2859	2,540.2859	0.8216		2,560.8254

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.9000e-003	0.4083	0.0874	1.5800e-003	0.0465	3.3800e-003	0.0499	0.0128	3.2400e-003	0.0160		173.1588	173.1588	6.6000e-003	0.0275	181.5072
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652
Total	0.0490	0.4334	0.4431	2.7500e-003	0.1948	4.0300e-003	0.1988	0.0521	3.8300e-003	0.0559		295.4095	295.4095	9.2800e-003	0.0303	304.6724

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Storage Track - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	2.1950	20.6082	15.0649	0.0313		0.8563	0.8563		0.7943	0.7943		2,955.241 4	2,955.241 4	0.8610		2,976.766 6
Total	2.1950	20.6082	15.0649	0.0313	13.5497	0.8563	14.4060	7.4480	0.7943	8.2424		2,955.241 4	2,955.241 4	0.8610		2,976.766 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0207	1.2248	0.2623	4.7500e-003	0.1395	0.0102	0.1497	0.0382	9.7200e-003	0.0480		519.4764	519.4764	0.0198	0.0824	544.5217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0561	0.0335	0.4742	1.5600e-003	0.1977	8.6000e-004	0.1986	0.0524	7.9000e-004	0.0532		163.0009	163.0009	3.5800e-003	3.7900e-003	164.2203
Total	0.0769	1.2583	0.7365	6.3100e-003	0.3372	0.0110	0.3482	0.0907	0.0105	0.1012		682.4773	682.4773	0.0234	0.0862	708.7420

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Storage Track - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.4083	3.3977	16.8889	0.0313		0.0486	0.0486		0.0486	0.0486	0.0000	2,955.241 4	2,955.241 4	0.8610		2,976.766 6
Total	0.4083	3.3977	16.8889	0.0313	5.2844	0.0486	5.3330	2.9047	0.0486	2.9533	0.0000	2,955.241 4	2,955.241 4	0.8610		2,976.766 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0207	1.2248	0.2623	4.7500e-003	0.1395	0.0102	0.1497	0.0382	9.7200e-003	0.0480		519.4764	519.4764	0.0198	0.0824	544.5217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0561	0.0335	0.4742	1.5600e-003	0.1977	8.6000e-004	0.1986	0.0524	7.9000e-004	0.0532		163.0009	163.0009	3.5800e-003	3.7900e-003	164.2203
Total	0.0769	1.2583	0.7365	6.3100e-003	0.3372	0.0110	0.3482	0.0907	0.0105	0.1012		682.4773	682.4773	0.0234	0.0862	708.7420

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6864	6.4362	10.9335	0.0171		0.3139	0.3139		0.2888	0.2888		1,655.0589	1,655.0589	0.5353		1,668.4409
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6864	6.4362	10.9335	0.0171		0.3139	0.3139		0.2888	0.2888		1,655.0589	1,655.0589	0.5353		1,668.4409

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652
Total	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2104	0.9115	12.9718	0.0171		0.0281	0.0281		0.0281	0.0281	0.0000	1,655.0589	1,655.0589	0.5353		1,668.4409
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2104	0.9115	12.9718	0.0171		0.0281	0.0281		0.0281	0.0281	0.0000	1,655.0589	1,655.0589	0.5353		1,668.4409

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652
Total	0.0421	0.0251	0.3557	1.1700e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		122.2506	122.2506	2.6800e-003	2.8400e-003	123.1652

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.502926	0.057913	0.201381	0.142041	0.033535	0.008550	0.008361	0.005979	0.000919	0.000356	0.031380	0.000886	0.005774

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Unmitigated	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2006					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Total	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2006					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Total	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

7.0 Water Detail

7.1 Mitigation Measures Water

LOSSAN CCLF Phase 1 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**LOSSAN CCLF Phase 1
San Luis Obispo County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	13.00	Acre	13.00	566,280.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Phase 1 Project Elements

Off-road Equipment - Exchanged scraper for excavator

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Trips and VMT - Project-specific adjustments

Grading - 12,900 CY of earthen materials to be hauled away from site.

Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	10.00	90.00
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	10.00	120.00
tblGrading	AcresOfGrading	90.00	13.00
tblGrading	AcresOfGrading	101.25	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	AcresOfGrading	135.00	0.00
tblGrading	MaterialExported	0.00	3,225.00
tblGrading	MaterialExported	0.00	9,675.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00

2.0 Emissions Summary

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.1926	22.2102	16.2665	0.0400	13.7445	0.8986	14.6208	7.5001	0.8267	8.3064	0.0000	3,876.8115	3,876.8115	1.2183	0.0314	3,908.2542
2025	3.0101	28.3715	27.0775	0.0558	14.0352	1.1819	15.2171	7.5780	1.0942	8.6723	0.0000	5,403.5863	5,403.5863	1.4228	0.0897	5,465.8799
Maximum	3.0101	28.3715	27.0775	0.0558	14.0352	1.1819	15.2171	7.5780	1.0942	8.6723	0.0000	5,403.5863	5,403.5863	1.4228	0.0897	5,465.8799

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.5252	2.0938	19.2443	0.0400	5.4792	0.0641	5.5261	2.9568	0.0641	3.0035	0.0000	3,876.8115	3,876.8115	1.2183	0.0314	3,908.2542
2025	0.7474	5.6363	30.9398	0.0558	5.7699	0.0883	5.8582	3.0347	0.0878	3.1225	0.0000	5,403.5863	5,403.5863	1.4228	0.0897	5,465.8799
Maximum	0.7474	5.6363	30.9398	0.0558	5.7699	0.0883	5.8582	3.0347	0.0878	3.1225	0.0000	5,403.5863	5,403.5863	1.4228	0.0897	5,465.8799

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	75.54	84.72	-15.78	0.00	59.51	92.67	61.85	60.26	92.10	63.92	0.00	0.00	0.00	0.00	0.00	0.00

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	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	0.2654	1.0000e-005	1.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005	0.0000	3.0300e-003

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	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	0.2654	1.0000e-005	1.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005	0.0000	3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2024	5/24/2024	5	40	Demo and Rough Grading
2	Utility Relocation	Site Preparation	5/27/2024	9/27/2024	5	90	Utility Relocations
3	Sitework	Site Preparation	9/30/2024	3/14/2025	5	120	Landscaping
4	Storage Track	Site Preparation	3/17/2025	8/29/2025	5	120	Storage Track
5	Paving	Paving	8/11/2025	10/3/2025	5	40	Access Drive, Service Roads

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 13

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Scrapers	2	6.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Utility Relocation	Rubber Tired Dozers	3	6.00	247	0.40
Utility Relocation	Tractors/Loaders/Backhoes	3	6.00	97	0.37

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sitework	Rubber Tired Dozers	3	6.00	247	0.40
Sitework	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Rubber Tired Dozers	3	6.00	247	0.40
Storage Track	Tractors/Loaders/Backhoes	3	6.00	97	0.37
Storage Track	Welders	2	8.00	46	0.45
Paving	Pavers	2	6.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Utility Relocation	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Sitework	6	15.00	0.00	319.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Storage Track	8	20.00	0.00	957.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8612	0.0000	4.8612	2.5199	0.0000	2.5199			0.0000			0.0000
Off-Road	2.1432	22.1784	15.8945	0.0388		0.8979	0.8979		0.8261	0.8261		3,756.9135	3,756.9135	1.2151		3,787.2900
Total	2.1432	22.1784	15.8945	0.0388	4.8612	0.8979	5.7591	2.5199	0.8261	3.3460		3,756.9135	3,756.9135	1.2151		3,787.2900

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8959	0.0000	1.8959	0.9828	0.0000	0.9828			0.0000			0.0000
Off-Road	0.4759	2.0621	18.8723	0.0388		0.0635	0.0635		0.0635	0.0635	0.0000	3,756.9135	3,756.9135	1.2151		3,787.2900
Total	0.4759	2.0621	18.8723	0.0388	1.8959	0.0635	1.9593	0.9828	0.0635	1.0462	0.0000	3,756.9135	3,756.9135	1.2151		3,787.2900

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.8877	19.2958	12.0750	0.0262		0.8722	0.8722		0.8024	0.8024		2,539.6824	2,539.6824	0.8214		2,560.2170
Total	1.8877	19.2958	12.0750	0.0262	13.5497	0.8722	14.4219	7.4480	0.8024	8.2504		2,539.6824	2,539.6824	0.8214		2,560.2170

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Utility Relocation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.8877	19.2958	12.0750	0.0262		0.8722	0.8722		0.8024	0.8024		2,539.6824	2,539.6824	0.8214		2,560.2170
Total	1.8877	19.2958	12.0750	0.0262	13.5497	0.8722	14.4219	7.4480	0.8024	8.2504		2,539.6824	2,539.6824	0.8214		2,560.2170

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7600e-003	0.4344	0.0877	1.6200e-003	0.0465	3.4700e-003	0.0500	0.0127	3.3200e-003	0.0161		176.9244	176.9244	6.4200e-003	0.0281	185.4429
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0561	0.4661	0.4596	2.7800e-003	0.1948	4.1500e-003	0.1989	0.0521	3.9400e-003	0.0560		296.8225	296.8225	9.6100e-003	0.0314	306.4071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,539.6824	2,539.6824	0.8214		2,560.2170

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7600e-003	0.4344	0.0877	1.6200e-003	0.0465	3.4700e-003	0.0500	0.0127	3.3200e-003	0.0161		176.9244	176.9244	6.4200e-003	0.0281	185.4429
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0561	0.4661	0.4596	2.7800e-003	0.1948	4.1500e-003	0.1989	0.0521	3.9400e-003	0.0560		296.8225	296.8225	9.6100e-003	0.0314	306.4071

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	1.7554	17.9241	11.7616	0.0262		0.7745	0.7745		0.7126	0.7126		2,540.2859	2,540.2859	0.8216		2,560.8254
Total	1.7554	17.9241	11.7616	0.0262	13.5497	0.7745	14.3242	7.4480	0.7126	8.1606		2,540.2859	2,540.2859	0.8216		2,560.8254

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.5600e-003	0.4202	0.0887	1.5900e-003	0.0465	3.3900e-003	0.0499	0.0128	3.2400e-003	0.0160		173.3093	173.3093	6.5800e-003	0.0275	181.6645
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481
Total	0.0533	0.4487	0.4372	2.7100e-003	0.1948	4.0400e-003	0.1988	0.0521	3.8300e-003	0.0559		290.4628	290.4628	9.4800e-003	0.0306	299.8126

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Sitework - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.3207	1.3897	13.8952	0.0262		0.0428	0.0428		0.0428	0.0428	0.0000	2,540.2859	2,540.2859	0.8216		2,560.8254
Total	0.3207	1.3897	13.8952	0.0262	5.2844	0.0428	5.3271	2.9047	0.0428	2.9475	0.0000	2,540.2859	2,540.2859	0.8216		2,560.8254

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.5600e-003	0.4202	0.0887	1.5900e-003	0.0465	3.3900e-003	0.0499	0.0128	3.2400e-003	0.0160		173.3093	173.3093	6.5800e-003	0.0275	181.6645
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481
Total	0.0533	0.4487	0.4372	2.7100e-003	0.1948	4.0400e-003	0.1988	0.0521	3.8300e-003	0.0559		290.4628	290.4628	9.4800e-003	0.0306	299.8126

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Storage Track - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.5497	0.0000	13.5497	7.4480	0.0000	7.4480			0.0000			0.0000
Off-Road	2.1950	20.6082	15.0649	0.0313		0.8563	0.8563		0.7943	0.7943		2,955.241 4	2,955.241 4	0.8610		2,976.766 6
Total	2.1950	20.6082	15.0649	0.0313	13.5497	0.8563	14.4060	7.4480	0.7943	8.2424		2,955.241 4	2,955.241 4	0.8610		2,976.766 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0197	1.2606	0.2660	4.7600e-003	0.1395	0.0102	0.1497	0.0382	9.7300e-003	0.0480		519.9278	519.9278	0.0197	0.0825	544.9935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0623	0.0380	0.4646	1.5000e-003	0.1977	8.6000e-004	0.1986	0.0524	7.9000e-004	0.0532		156.2047	156.2047	3.8700e-003	4.1300e-003	157.5309
Total	0.0820	1.2986	0.7307	6.2600e-003	0.3372	0.0110	0.3483	0.0907	0.0105	0.1012		676.1325	676.1325	0.0236	0.0866	702.5244

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Storage Track - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2844	0.0000	5.2844	2.9047	0.0000	2.9047			0.0000			0.0000
Off-Road	0.4083	3.3977	16.8889	0.0313		0.0486	0.0486		0.0486	0.0486	0.0000	2,955.241 4	2,955.241 4	0.8610		2,976.766 6
Total	0.4083	3.3977	16.8889	0.0313	5.2844	0.0486	5.3330	2.9047	0.0486	2.9533	0.0000	2,955.241 4	2,955.241 4	0.8610		2,976.766 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0197	1.2606	0.2660	4.7600e-003	0.1395	0.0102	0.1497	0.0382	9.7300e-003	0.0480		519.9278	519.9278	0.0197	0.0825	544.9935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0623	0.0380	0.4646	1.5000e-003	0.1977	8.6000e-004	0.1986	0.0524	7.9000e-004	0.0532		156.2047	156.2047	3.8700e-003	4.1300e-003	157.5309
Total	0.0820	1.2986	0.7307	6.2600e-003	0.3372	0.0110	0.3483	0.0907	0.0105	0.1012		676.1325	676.1325	0.0236	0.0866	702.5244

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6864	6.4362	10.9335	0.0171		0.3139	0.3139		0.2888	0.2888		1,655.0589	1,655.0589	0.5353		1,668.4409
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6864	6.4362	10.9335	0.0171		0.3139	0.3139		0.2888	0.2888		1,655.0589	1,655.0589	0.5353		1,668.4409

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481
Total	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2104	0.9115	12.9718	0.0171		0.0281	0.0281		0.0281	0.0281	0.0000	1,655.0589	1,655.0589	0.5353		1,668.4409
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2104	0.9115	12.9718	0.0171		0.0281	0.0281		0.0281	0.0281	0.0000	1,655.0589	1,655.0589	0.5353		1,668.4409

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481
Total	0.0468	0.0285	0.3485	1.1200e-003	0.1483	6.5000e-004	0.1489	0.0393	5.9000e-004	0.0399		117.1535	117.1535	2.9000e-003	3.0900e-003	118.1481

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.502926	0.057913	0.201381	0.142041	0.033535	0.008550	0.008361	0.005979	0.000919	0.000356	0.031380	0.000886	0.005774

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Unmitigated	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2006					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Total	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0647					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2006					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003
Total	0.2654	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.8500e-003	2.8500e-003	1.0000e-005		3.0300e-003

7.0 Water Detail

7.1 Mitigation Measures Water

LOSSAN CCLF Phase 1 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**LOSSAN CCLF Later Phases
San Luis Obispo County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	3.00	1000sqft	0.07	3,000.00	0
General Light Industry	2.90	1000sqft	0.07	2,900.00	0
General Light Industry	1.50	1000sqft	0.03	1,500.00	0
General Light Industry	2.20	1000sqft	0.05	2,200.00	0
General Light Industry	10.00	1000sqft	0.23	10,000.00	0
General Light Industry	1.90	1000sqft	0.04	1,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Later Phases Project Elements
- Land Use - 6 Buildings per Project Description
- Construction Phase - Phase 2 Conservative Schedule
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Project-specific assumptions

Grading - 9,200 CY of earthen materials to be hauled away from project site.

Energy Use - No natural gas use.

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	160.00
tblConstructionPhase	NumDays	2.00	30.00
tblConstructionPhase	NumDays	5.00	40.00

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tblConstructionPhase	NumDays	1.00	75.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	AcresOfGrading	22.50	1.50
tblGrading	AcresOfGrading	28.13	0.50
tblGrading	MaterialExported	0.00	1,840.00
tblGrading	MaterialExported	0.00	7,360.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblSolidWaste	SolidWasteGenerationRate	26.66	8.80

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0192	0.2305	0.1412	5.0000e-004	0.0751	7.6000e-003	0.0827	0.0391	7.0000e-003	0.0461	0.0000	45.3982	45.3982	0.0100	2.3900e-003	46.3617
2026	0.1864	0.6690	0.8170	1.5700e-003	0.0168	0.0271	0.0439	4.4900e-003	0.0251	0.0296	0.0000	139.1898	139.1898	0.0367	2.7200e-003	140.9183
2027	0.1326	0.0121	0.0194	3.0000e-005	2.0000e-004	5.4000e-004	7.4000e-004	5.0000e-005	5.4000e-004	6.0000e-004	0.0000	2.8178	2.8178	1.5000e-004	0.0000	2.8226
Maximum	0.1864	0.6690	0.8170	1.5700e-003	0.0751	0.0271	0.0827	0.0391	0.0251	0.0461	0.0000	139.1898	139.1898	0.0367	2.7200e-003	140.9183

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	5.2700e-003	0.0578	0.1861	5.0000e-004	0.0331	8.7000e-004	0.0340	0.0163	8.6000e-004	0.0171	0.0000	45.3982	45.3982	0.0100	2.3900e-003	46.3617
2026	0.1380	0.1132	0.8941	1.5700e-003	0.0166	2.4500e-003	0.0191	4.4700e-003	2.4300e-003	6.9000e-003	0.0000	139.1897	139.1897	0.0367	2.7200e-003	140.9181
2027	0.1312	1.3800e-003	0.0197	3.0000e-005	2.0000e-004	4.0000e-005	2.4000e-004	5.0000e-005	4.0000e-005	1.0000e-004	0.0000	2.8178	2.8178	1.5000e-004	0.0000	2.8226
Maximum	0.1380	0.1132	0.8941	1.5700e-003	0.0331	2.4500e-003	0.0340	0.0163	2.4300e-003	0.0171	0.0000	139.1897	139.1897	0.0367	2.7200e-003	140.9181

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	18.87	81.09	-12.50	0.00	45.77	90.48	58.16	52.31	89.79	68.36	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	10-6-2025	1-5-2026	0.2495	0.0643
2	1-6-2026	4-5-2026	0.1812	0.0498
3	4-6-2026	7-5-2026	0.2023	0.0305
4	7-6-2026	10-5-2026	0.2046	0.0308
5	10-6-2026	1-5-2027	0.2640	0.1498
6	1-6-2027	4-5-2027	0.1181	0.1082
		Highest	0.2640	0.1498

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	16.1130	16.1130	2.6100e-003	3.2000e-004	16.2723
Mobile	0.0537	0.0756	0.5071	1.0500e-003	0.1204	9.5000e-004	0.1214	0.0322	8.9000e-004	0.0331	0.0000	97.2591	97.2591	5.9900e-003	4.7700e-003	98.8308
Waste						0.0000	0.0000		0.0000	0.0000	1.7863	0.0000	1.7863	0.1056	0.0000	4.4255
Water						0.0000	0.0000		0.0000	0.0000	1.5774	2.4892	4.0665	0.1624	3.8700e-003	9.2813
Total	0.1626	0.0756	0.5074	1.0500e-003	0.1204	9.5000e-004	0.1214	0.0322	8.9000e-004	0.0331	3.3637	115.8619	119.2256	0.2766	8.9600e-003	128.8107

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	16.1130	16.1130	2.6100e-003	3.2000e-004	16.2723
Mobile	0.0537	0.0756	0.5071	1.0500e-003	0.1204	9.5000e-004	0.1214	0.0322	8.9000e-004	0.0331	0.0000	97.2591	97.2591	5.9900e-003	4.7700e-003	98.8308
Waste						0.0000	0.0000		0.0000	0.0000	1.7863	0.0000	1.7863	0.1056	0.0000	4.4255
Water						0.0000	0.0000		0.0000	0.0000	1.5774	2.4892	4.0665	0.1624	3.8700e-003	9.2813
Total	0.1626	0.0756	0.5074	1.0500e-003	0.1204	9.5000e-004	0.1214	0.0322	8.9000e-004	0.0331	3.3637	115.8619	119.2256	0.2766	8.9600e-003	128.8107

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/6/2025	11/14/2025	5	30	
2	Site Preparation	Site Preparation	11/17/2025	2/27/2026	5	75	
3	Building Construction	Building Construction	3/2/2026	10/9/2026	5	160	

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4	Paving	Paving	10/12/2026	12/4/2026	5	40
5	Architectural Coating	Architectural Coating	12/7/2026	1/29/2027	5	40

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	6.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Site Preparation	2	5.00	0.00	728.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

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Grading	3	8.00	0.00	182.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0685	0.0000	0.0685	0.0373	0.0000	0.0373	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.1310	0.0809	2.1000e-004		5.2300e-003	5.2300e-003		4.8100e-003	4.8100e-003	0.0000	18.5705	18.5705	6.0100e-003	0.0000	18.7207
Total	0.0125	0.1310	0.0809	2.1000e-004	0.0685	5.2300e-003	0.0738	0.0373	4.8100e-003	0.0421	0.0000	18.5705	18.5705	6.0100e-003	0.0000	18.7207

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	0.0144	3.0100e-003	5.0000e-005	1.5600e-003	1.2000e-004	1.6700e-003	4.3000e-004	1.1000e-004	5.4000e-004	0.0000	5.3794	5.3794	2.0000e-004	8.5000e-004	5.6387
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.2000e-004	2.7500e-003	1.0000e-005	1.1600e-003	1.0000e-005	1.1600e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.8309	0.8309	2.0000e-005	2.0000e-005	0.8380
Total	5.7000e-004	0.0147	5.7600e-003	6.0000e-005	2.7200e-003	1.3000e-004	2.8300e-003	7.4000e-004	1.1000e-004	8.5000e-004	0.0000	6.2102	6.2102	2.2000e-004	8.7000e-004	6.4767

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					0.0267	0.0000	0.0267	0.0146	0.0000	0.0146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5900e-003	0.0112	0.1073	2.1000e-004		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	18.5705	18.5705	6.0100e-003	0.0000	18.7206
Total	2.5900e-003	0.0112	0.1073	2.1000e-004	0.0267	3.4000e-004	0.0271	0.0146	3.4000e-004	0.0149	0.0000	18.5705	18.5705	6.0100e-003	0.0000	18.7206

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3.2 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	0.0144	3.0100e-003	5.0000e-005	1.5600e-003	1.2000e-004	1.6700e-003	4.3000e-004	1.1000e-004	5.4000e-004	0.0000	5.3794	5.3794	2.0000e-004	8.5000e-004	5.6387
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.2000e-004	2.7500e-003	1.0000e-005	1.1600e-003	1.0000e-005	1.1600e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.8309	0.8309	2.0000e-005	2.0000e-005	0.8380
Total	5.7000e-004	0.0147	5.7600e-003	6.0000e-005	2.7200e-003	1.3000e-004	2.8300e-003	7.4000e-004	1.1000e-004	8.5000e-004	0.0000	6.2102	6.2102	2.2000e-004	8.7000e-004	6.4767

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4800e-003	0.0593	0.0473	1.2000e-004		2.0500e-003	2.0500e-003		1.8800e-003	1.8800e-003	0.0000	10.5786	10.5786	3.4200e-003	0.0000	10.6641
Total	5.4800e-003	0.0593	0.0473	1.2000e-004	2.7000e-004	2.0500e-003	2.3200e-003	3.0000e-005	1.8800e-003	1.9100e-003	0.0000	10.5786	10.5786	3.4200e-003	0.0000	10.6641

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3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1000e-004	0.0254	5.3000e-003	1.0000e-004	2.7400e-003	2.0000e-004	2.9400e-003	7.5000e-004	2.0000e-004	9.5000e-004	0.0000	9.4677	9.4677	3.6000e-004	1.5000e-003	9.9241
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.5000e-004	1.8900e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5712	0.5712	1.0000e-005	2.0000e-005	0.5761
Total	6.4000e-004	0.0256	7.1900e-003	1.1000e-004	3.5300e-003	2.0000e-004	3.7400e-003	9.6000e-004	2.0000e-004	1.1600e-003	0.0000	10.0389	10.0389	3.7000e-004	1.5200e-003	10.5002

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					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4700e-003	6.3900e-003	0.0658	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.5786	10.5786	3.4200e-003	0.0000	10.6641
Total	1.4700e-003	6.3900e-003	0.0658	1.2000e-004	1.0000e-004	2.0000e-004	3.0000e-004	1.0000e-005	2.0000e-004	2.1000e-004	0.0000	10.5786	10.5786	3.4200e-003	0.0000	10.6641

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3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1000e-004	0.0254	5.3000e-003	1.0000e-004	2.7400e-003	2.0000e-004	2.9400e-003	7.5000e-004	2.0000e-004	9.5000e-004	0.0000	9.4677	9.4677	3.6000e-004	1.5000e-003	9.9241
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.5000e-004	1.8900e-003	1.0000e-005	7.9000e-004	0.0000	8.0000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5712	0.5712	1.0000e-005	2.0000e-005	0.5761
Total	6.4000e-004	0.0256	7.1900e-003	1.1000e-004	3.5300e-003	2.0000e-004	3.7400e-003	9.6000e-004	2.0000e-004	1.1600e-003	0.0000	10.0389	10.0389	3.7000e-004	1.5200e-003	10.5002

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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9800e-003	0.0755	0.0602	1.5000e-004		2.6000e-003	2.6000e-003		2.4000e-003	2.4000e-003	0.0000	13.4637	13.4637	4.3500e-003	0.0000	13.5725
Total	6.9800e-003	0.0755	0.0602	1.5000e-004	2.7000e-004	2.6000e-003	2.8700e-003	3.0000e-005	2.4000e-003	2.4300e-003	0.0000	13.4637	13.4637	4.3500e-003	0.0000	13.5725

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-004	0.0313	6.8100e-003	1.2000e-004	3.4900e-003	2.5000e-004	3.7400e-003	9.6000e-004	2.4000e-004	1.2000e-003	0.0000	11.7929	11.7929	4.7000e-004	1.8700e-003	12.3622
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	1.0100e-003	0.0000	1.0200e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.7049	0.7049	2.0000e-005	2.0000e-005	0.7107
Total	7.8000e-004	0.0314	9.0800e-003	1.3000e-004	4.5000e-003	2.5000e-004	4.7600e-003	1.2300e-003	2.4000e-004	1.4700e-003	0.0000	12.4978	12.4978	4.9000e-004	1.8900e-003	13.0729

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					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8800e-003	8.1300e-003	0.0837	1.5000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.4637	13.4637	4.3500e-003	0.0000	13.5725
Total	1.8800e-003	8.1300e-003	0.0837	1.5000e-004	1.0000e-004	2.5000e-004	3.5000e-004	1.0000e-005	2.5000e-004	2.6000e-004	0.0000	13.4637	13.4637	4.3500e-003	0.0000	13.5725

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-004	0.0313	6.8100e-003	1.2000e-004	3.4900e-003	2.5000e-004	3.7400e-003	9.6000e-004	2.4000e-004	1.2000e-003	0.0000	11.7929	11.7929	4.7000e-004	1.8700e-003	12.3622
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.8000e-004	2.2700e-003	1.0000e-005	1.0100e-003	0.0000	1.0200e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.7049	0.7049	2.0000e-005	2.0000e-005	0.7107
Total	7.8000e-004	0.0314	9.0800e-003	1.3000e-004	4.5000e-003	2.5000e-004	4.7600e-003	1.2300e-003	2.4000e-004	1.4700e-003	0.0000	12.4978	12.4978	4.9000e-004	1.8900e-003	13.0729

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0441	0.4386	0.5623	9.1000e-004		0.0193	0.0193		0.0178	0.0178	0.0000	80.2366	80.2366	0.0260	0.0000	80.8853
Total	0.0441	0.4386	0.5623	9.1000e-004		0.0193	0.0193		0.0178	0.0178	0.0000	80.2366	80.2366	0.0260	0.0000	80.8853

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0124	4.0500e-003	5.0000e-005	1.4600e-003	7.0000e-005	1.5300e-003	4.2000e-004	7.0000e-005	4.9000e-004	0.0000	4.3870	4.3870	1.1000e-004	6.4000e-004	4.5813
Worker	1.9400e-003	1.2100e-003	0.0155	5.0000e-005	6.9300e-003	3.0000e-005	6.9600e-003	1.8400e-003	3.0000e-005	1.8700e-003	0.0000	4.8333	4.8333	1.1000e-004	1.2000e-004	4.8733
Total	2.2800e-003	0.0136	0.0196	1.0000e-004	8.3900e-003	1.0000e-004	8.4900e-003	2.2600e-003	1.0000e-004	2.3600e-003	0.0000	9.2203	9.2203	2.2000e-004	7.6000e-004	9.4546

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.0484	0.6181	9.1000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	80.2365	80.2365	0.0260	0.0000	80.8852
Total	0.0112	0.0484	0.6181	9.1000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	80.2365	80.2365	0.0260	0.0000	80.8852

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0124	4.0500e-003	5.0000e-005	1.4600e-003	7.0000e-005	1.5300e-003	4.2000e-004	7.0000e-005	4.9000e-004	0.0000	4.3870	4.3870	1.1000e-004	6.4000e-004	4.5813
Worker	1.9400e-003	1.2100e-003	0.0155	5.0000e-005	6.9300e-003	3.0000e-005	6.9600e-003	1.8400e-003	3.0000e-005	1.8700e-003	0.0000	4.8333	4.8333	1.1000e-004	1.2000e-004	4.8733
Total	2.2800e-003	0.0136	0.0196	1.0000e-004	8.3900e-003	1.0000e-004	8.4900e-003	2.2600e-003	1.0000e-004	2.3600e-003	0.0000	9.2203	9.2203	2.2000e-004	7.6000e-004	9.4546

3.5 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0113	0.0984	0.1405	2.3000e-004		4.3700e-003	4.3700e-003		4.0900e-003	4.0900e-003	0.0000	18.8018	18.8018	5.4800e-003	0.0000	18.9387
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0113	0.0984	0.1405	2.3000e-004		4.3700e-003	4.3700e-003		4.0900e-003	4.0900e-003	0.0000	18.8018	18.8018	5.4800e-003	0.0000	18.9387

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	6.0000e-004	7.7700e-003	3.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	2.4167	2.4167	6.0000e-005	6.0000e-005	2.4367
Total	9.7000e-004	6.0000e-004	7.7700e-003	3.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	2.4167	2.4167	6.0000e-005	6.0000e-005	2.4367

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	2.2400e-003	9.7000e-003	0.1381	2.3000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	18.8018	18.8018	5.4800e-003	0.0000	18.9387
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.2400e-003	9.7000e-003	0.1381	2.3000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	18.8018	18.8018	5.4800e-003	0.0000	18.9387

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	6.0000e-004	7.7700e-003	3.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	2.4167	2.4167	6.0000e-005	6.0000e-005	2.4367
Total	9.7000e-004	6.0000e-004	7.7700e-003	3.0000e-005	3.4700e-003	1.0000e-005	3.4800e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	2.4167	2.4167	6.0000e-005	6.0000e-005	2.4367

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1183					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	0.0109	0.0172	3.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289
Total	0.1200	0.0109	0.0172	3.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	4.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1276	0.1276	0.0000	0.0000	0.1286
Total	5.0000e-005	3.0000e-005	4.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1276	0.1276	0.0000	0.0000	0.1286

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1183					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8000e-004	1.2200e-003	0.0174	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289
Total	0.1186	1.2200e-003	0.0174	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	4.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1276	0.1276	0.0000	0.0000	0.1286
Total	5.0000e-005	3.0000e-005	4.1000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1276	0.1276	0.0000	0.0000	0.1286

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7900e-003	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	0.1326	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846

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3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	4.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1369	0.1369	0.0000	0.0000	0.1380
Total	5.0000e-005	3.0000e-005	4.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1369	0.1369	0.0000	0.0000	0.1380

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1000e-004	1.3500e-003	0.0192	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	0.1311	1.3500e-003	0.0192	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	4.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1369	0.1369	0.0000	0.0000	0.1380
Total	5.0000e-005	3.0000e-005	4.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1369	0.1369	0.0000	0.0000	0.1380

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	12150	1.1242	1.8000e-004	2.0000e-005	1.1353
General Light Industry	15390	1.4239	2.3000e-004	3.0000e-005	1.4380
General Light Industry	17820	1.6488	2.7000e-004	3.0000e-005	1.6651
General Light Industry	23490	2.1734	3.5000e-004	4.0000e-005	2.1949
General Light Industry	24300	2.2483	3.6000e-004	4.0000e-005	2.2706
General Light Industry	81000	7.4944	1.2100e-003	1.5000e-004	7.5685
Total		16.1130	2.6000e-003	3.1000e-004	16.2723

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	15390	1.4239	2.3000e-004	3.0000e-005	1.4380
General Light Industry	17820	1.6488	2.7000e-004	3.0000e-005	1.6651
General Light Industry	23490	2.1734	3.5000e-004	4.0000e-005	2.1949
General Light Industry	24300	2.2483	3.6000e-004	4.0000e-005	2.2706
General Light Industry	81000	7.4944	1.2100e-003	1.5000e-004	7.5685
General Light Industry	12150	1.1242	1.8000e-004	2.0000e-005	1.1353
Total		16.1130	2.6000e-003	3.1000e-004	16.2723

6.0 Area Detail

6.1 Mitigation Measures Area

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004
Unmitigated	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0840					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004
Total	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0840					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004
Total	0.1089	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-004	7.0000e-004	0.0000	0.0000	7.5000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.0665	0.1624	3.8700e-003	9.2813
Unmitigated	4.0665	0.1624	3.8700e-003	9.2813

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	4.97187 / 0	4.0665	0.1624	3.8700e-003	9.2813
Total		4.0665	0.1624	3.8700e-003	9.2813

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	4.97187 / 0	4.0665	0.1624	3.8700e-003	9.2813
Total		4.0665	0.1624	3.8700e-003	9.2813

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.7863	0.1056	0.0000	4.4255
Unmitigated	1.7863	0.1056	0.0000	4.4255

LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	8.8	1.7863	0.1056	0.0000	4.4255
Total		1.7863	0.1056	0.0000	4.4255

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	8.8	1.7863	0.1056	0.0000	4.4255
Total		1.7863	0.1056	0.0000	4.4255

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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LOSSAN CCLF Later Phases - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**LOSSAN CCLF Later Phases
San Luis Obispo County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	3.00	1000sqft	0.07	3,000.00	0
General Light Industry	2.90	1000sqft	0.07	2,900.00	0
General Light Industry	1.50	1000sqft	0.03	1,500.00	0
General Light Industry	2.20	1000sqft	0.05	2,200.00	0
General Light Industry	10.00	1000sqft	0.23	10,000.00	0
General Light Industry	1.90	1000sqft	0.04	1,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Later Phases Project Elements
- Land Use - 6 Buildings per Project Description
- Construction Phase - Phase 2 Conservative Schedule
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Project-specific assumptions

Grading - 9,200 CY of earthen materials to be hauled away from project site.

Energy Use - No natural gas use.

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	160.00
tblConstructionPhase	NumDays	2.00	30.00
tblConstructionPhase	NumDays	5.00	40.00

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	1.00	75.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	AcresOfGrading	22.50	1.50
tblGrading	AcresOfGrading	28.13	0.50
tblGrading	MaterialExported	0.00	1,840.00
tblGrading	MaterialExported	0.00	7,360.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblSolidWaste	SolidWasteGenerationRate	26.66	8.80

2.0 Emissions Summary

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.8732	9.6792	5.7828	0.0183	4.7548	0.3564	5.1112	2.5385	0.3282	2.8667	0.0000	1,823.1305	1,823.1305	0.4579	0.1012	1,853.7048
2026	12.6327	5.6461	7.4243	0.0133	0.2263	0.2425	0.3973	0.0604	0.2231	0.2525	0.0000	1,363.8399	1,363.8399	0.3605	0.0991	1,399.7123
2027	12.6325	1.1483	1.8510	3.1200e-003	0.0198	0.0516	0.0714	5.2400e-003	0.0516	0.0568	0.0000	296.3357	296.3357	0.0157	3.4000e-004	296.8278
Maximum	12.6327	9.6792	7.4243	0.0183	4.7548	0.3564	5.1112	2.5385	0.3282	2.8667	0.0000	1,823.1305	1,823.1305	0.4579	0.1012	1,853.7048

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.2107	1.8862	7.5436	0.0183	1.9674	0.0311	1.9984	1.0205	0.0307	1.0512	0.0000	1,823.1305	1,823.1305	0.4579	0.1012	1,853.7048
2026	12.4916	1.8360	7.9750	0.0133	0.2220	0.0242	0.2462	0.0600	0.0236	0.0836	0.0000	1,363.8399	1,363.8399	0.3605	0.0991	1,399.7123
2027	12.4913	0.1315	1.8743	3.1200e-003	0.0198	4.0400e-003	0.0238	5.2400e-003	4.0300e-003	9.2700e-003	0.0000	296.3357	296.3357	0.0157	3.4000e-004	296.8278
Maximum	12.4916	1.8862	7.9750	0.0183	1.9674	0.0311	1.9984	1.0205	0.0307	1.0512	0.0000	1,823.1305	1,823.1305	0.4579	0.1012	1,853.7048

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.61	76.61	-15.51	0.00	55.83	90.89	59.35	58.31	90.32	63.98	0.00	0.00	0.00	0.00	0.00	0.00

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.3360	0.4297	2.9932	6.5500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2047		666.3754	666.3754	0.0381	0.0306	676.4318
Total	0.9328	0.4297	2.9954	6.5500e-003	0.7478	5.7500e-003	0.7536	0.1994	5.4000e-003	0.2048		666.3802	666.3802	0.0381	0.0306	676.4368

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.3360	0.4297	2.9932	6.5500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2047		666.3754	666.3754	0.0381	0.0306	676.4318
Total	0.9328	0.4297	2.9954	6.5500e-003	0.7478	5.7500e-003	0.7536	0.1994	5.4000e-003	0.2048		666.3802	666.3802	0.0381	0.0306	676.4368

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/6/2025	11/14/2025	5	30	
2	Site Preparation	Site Preparation	11/17/2025	2/27/2026	5	75	
3	Building Construction	Building Construction	3/2/2026	10/9/2026	5	160	
4	Paving	Paving	10/12/2026	12/4/2026	5	40	
5	Architectural Coating	Architectural Coating	12/7/2026	1/29/2027	5	40	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	6.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Site Preparation	2	5.00	0.00	728.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	182.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5696	0.0000	4.5696	2.4884	0.0000	2.4884			0.0000			0.0000
Off-Road	0.8350	8.7341	5.3948	0.0141		0.3484	0.3484		0.3205	0.3205		1,364.6987	1,364.6987	0.4414		1,375.7329
Total	0.8350	8.7341	5.3948	0.0141	4.5696	0.3484	4.9180	2.4884	0.3205	2.8089		1,364.6987	1,364.6987	0.4414		1,375.7329

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0158	0.9317	0.1995	3.6200e-003	0.1061	7.7200e-003	0.1139	0.0291	7.3900e-003	0.0365		395.1712	395.1712	0.0151	0.0627	414.2234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0224	0.0134	0.1885	6.3000e-004	0.0791	3.4000e-004	0.0794	0.0210	3.2000e-004	0.0213		63.2607	63.2607	1.4300e-003	1.5200e-003	63.7485
Total	0.0382	0.9451	0.3880	4.2500e-003	0.1852	8.0600e-003	0.1933	0.0501	7.7100e-003	0.0578		458.4319	458.4319	0.0165	0.0642	477.9719

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7821	0.0000	1.7821	0.9705	0.0000	0.9705			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,364.6987	1,364.6987	0.4414		1,375.7329
Total	0.1725	0.7475	7.1557	0.0141	1.7821	0.0230	1.8051	0.9705	0.0230	0.9935	0.0000	1,364.6987	1,364.6987	0.4414		1,375.7329

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0158	0.9317	0.1995	3.6200e-003	0.1061	7.7200e-003	0.1139	0.0291	7.3900e-003	0.0365		395.1712	395.1712	0.0151	0.0627	414.2234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0224	0.0134	0.1885	6.3000e-004	0.0791	3.4000e-004	0.0794	0.0210	3.2000e-004	0.0213		63.2607	63.2607	1.4300e-003	1.5200e-003	63.7485
Total	0.0382	0.9451	0.3880	4.2500e-003	0.1852	8.0600e-003	0.1933	0.0501	7.7100e-003	0.0578		458.4319	458.4319	0.0165	0.0642	477.9719

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0700e-003	0.0000	7.0700e-003	7.6000e-004	0.0000	7.6000e-004			0.0000			0.0000
Off-Road	0.3324	3.5938	2.8678	7.3000e-003		0.1240	0.1240		0.1141	0.1141		706.7216	706.7216	0.2286		712.4358
Total	0.3324	3.5938	2.8678	7.3000e-003	7.0700e-003	0.1240	0.1311	7.6000e-004	0.1141	0.1149		706.7216	706.7216	0.2286		712.4358

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	1.4907	0.3192	5.7900e-003	0.1698	0.0124	0.1822	0.0465	0.0118	0.0584		632.2739	632.2739	0.0241	0.1003	662.7574
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.3500e-003	0.1178	3.9000e-004	0.0494	2.1000e-004	0.0496	0.0131	2.0000e-004	0.0133		39.5379	39.5379	8.9000e-004	9.5000e-004	39.8428
Total	0.0392	1.4991	0.4370	6.1800e-003	0.2192	0.0126	0.2318	0.0597	0.0120	0.0717		671.8118	671.8118	0.0250	0.1012	702.6002

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	3.0000e-004	0.0000	3.0000e-004			0.0000			0.0000
Off-Road	0.0893	0.3871	3.9877	7.3000e-003		0.0119	0.0119		0.0119	0.0119	0.0000	706.7216	706.7216	0.2286		712.4358
Total	0.0893	0.3871	3.9877	7.3000e-003	2.7600e-003	0.0119	0.0147	3.0000e-004	0.0119	0.0122	0.0000	706.7216	706.7216	0.2286		712.4358

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	1.4907	0.3192	5.7900e-003	0.1698	0.0124	0.1822	0.0465	0.0118	0.0584		632.2739	632.2739	0.0241	0.1003	662.7574
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.3500e-003	0.1178	3.9000e-004	0.0494	2.1000e-004	0.0496	0.0131	2.0000e-004	0.0133		39.5379	39.5379	8.9000e-004	9.5000e-004	39.8428
Total	0.0392	1.4991	0.4370	6.1800e-003	0.2192	0.0126	0.2318	0.0597	0.0120	0.0717		671.8118	671.8118	0.0250	0.1012	702.6002

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0700e-003	0.0000	7.0700e-003	7.6000e-004	0.0000	7.6000e-004			0.0000			0.0000
Off-Road	0.3324	3.5938	2.8678	7.3000e-003		0.1240	0.1240		0.1141	0.1141		706.7216	706.7216	0.2286		712.4358
Total	0.3324	3.5938	2.8678	7.3000e-003	7.0700e-003	0.1240	0.1311	7.6000e-004	0.1141	0.1149		706.7216	706.7216	0.2286		712.4358

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0245	1.4413	0.3227	5.6500e-003	0.1698	0.0120	0.1819	0.0466	0.0115	0.0581		618.7875	618.7875	0.0246	0.0982	648.6593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0133	7.5700e-003	0.1107	3.8000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		38.3307	38.3307	8.2000e-004	8.9000e-004	38.6172
Total	0.0378	1.4488	0.4334	6.0300e-003	0.2193	0.0122	0.2315	0.0597	0.0117	0.0714		657.1183	657.1183	0.0254	0.0991	687.2765

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	3.0000e-004	0.0000	3.0000e-004			0.0000			0.0000
Off-Road	0.0893	0.3871	3.9877	7.3000e-003		0.0119	0.0119		0.0119	0.0119	0.0000	706.7216	706.7216	0.2286		712.4358
Total	0.0893	0.3871	3.9877	7.3000e-003	2.7600e-003	0.0119	0.0147	3.0000e-004	0.0119	0.0122	0.0000	706.7216	706.7216	0.2286		712.4358

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0245	1.4413	0.3227	5.6500e-003	0.1698	0.0120	0.1819	0.0466	0.0115	0.0581		618.7875	618.7875	0.0246	0.0982	648.6593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0133	7.5700e-003	0.1107	3.8000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		38.3307	38.3307	8.2000e-004	8.9000e-004	38.6172
Total	0.0378	1.4488	0.4334	6.0300e-003	0.2193	0.0122	0.2315	0.0597	0.0117	0.0714		657.1183	657.1183	0.0254	0.0991	687.2765

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3200e-003	0.1505	0.0496	5.6000e-004	0.0186	8.7000e-004	0.0195	5.3600e-003	8.4000e-004	6.1900e-003		60.3996	60.3996	1.4800e-003	8.8500e-003	63.0738
Worker	0.0239	0.0136	0.1993	6.8000e-004	0.0890	3.7000e-004	0.0893	0.0236	3.4000e-004	0.0239		68.9953	68.9953	1.4700e-003	1.6100e-003	69.5109
Total	0.0283	0.1642	0.2489	1.2400e-003	0.1076	1.2400e-003	0.1088	0.0290	1.1800e-003	0.0301		129.3949	129.3949	2.9500e-003	0.0105	132.5847

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3200e-003	0.1505	0.0496	5.6000e-004	0.0186	8.7000e-004	0.0195	5.3600e-003	8.4000e-004	6.1900e-003		60.3996	60.3996	1.4800e-003	8.8500e-003	63.0738
Worker	0.0239	0.0136	0.1993	6.8000e-004	0.0890	3.7000e-004	0.0893	0.0236	3.4000e-004	0.0239		68.9953	68.9953	1.4700e-003	1.6100e-003	69.5109
Total	0.0283	0.1642	0.2489	1.2400e-003	0.1076	1.2400e-003	0.1088	0.0290	1.1800e-003	0.0301		129.3949	129.3949	2.9500e-003	0.0105	132.5847

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0479	0.0273	0.3985	1.3700e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		137.9907	137.9907	2.9400e-003	3.2100e-003	139.0218
Total	0.0479	0.0273	0.3985	1.3700e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		137.9907	137.9907	2.9400e-003	3.2100e-003	139.0218

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1119	0.4851	6.9028	0.0113		0.0149	0.0149		0.0149	0.0149	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1119	0.4851	6.9028	0.0113		0.0149	0.0149		0.0149	0.0149	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0479	0.0273	0.3985	1.3700e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		137.9907	137.9907	2.9400e-003	3.2100e-003	139.0218
Total	0.0479	0.0273	0.3985	1.3700e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		137.9907	137.9907	2.9400e-003	3.2100e-003	139.0218

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	12.6274	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	3.0300e-003	0.0443	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		15.3323	15.3323	3.3000e-004	3.6000e-004	15.4469
Total	5.3200e-003	3.0300e-003	0.0443	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		15.3323	15.3323	3.3000e-004	3.6000e-004	15.4469

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	12.4863	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	3.0300e-003	0.0443	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		15.3323	15.3323	3.3000e-004	3.6000e-004	15.4469
Total	5.3200e-003	3.0300e-003	0.0443	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		15.3323	15.3323	3.3000e-004	3.6000e-004	15.4469

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	12.6274	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0500e-003	2.7600e-003	0.0418	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.8876	14.8876	3.0000e-004	3.4000e-004	14.9959
Total	5.0500e-003	2.7600e-003	0.0418	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.8876	14.8876	3.0000e-004	3.4000e-004	14.9959

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	12.4863	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0500e-003	2.7600e-003	0.0418	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.8876	14.8876	3.0000e-004	3.4000e-004	14.9959
Total	5.0500e-003	2.7600e-003	0.0418	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.8876	14.8876	3.0000e-004	3.4000e-004	14.9959

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3360	0.4297	2.9932	6.5500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2047		666.3754	666.3754	0.0381	0.0306	676.4318
Unmitigated	0.3360	0.4297	2.9932	6.5500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2047		666.3754	666.3754	0.0381	0.0306	676.4318

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	14.88	5.97	15.00	44,965	44,965
General Light Industry	14.38	5.77	14.50	43,466	43,466
General Light Industry	7.44	2.99	7.50	22,482	22,482
General Light Industry	10.91	4.38	11.00	32,974	32,974
General Light Industry	49.60	19.90	50.00	149,883	149,883
General Light Industry	9.42	3.78	9.50	28,478	28,478
Total	106.64	42.79	107.50	322,249	322,249

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.502926	0.057913	0.201381	0.142041	0.033535	0.008550	0.008361	0.005979	0.000919	0.000356	0.031380	0.000886	0.005774

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Unmitigated	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Total	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.7100e-003	4.7100e-003	1.0000e-005	5.0100e-003
Total	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.7100e-003	4.7100e-003	1.0000e-005	5.0100e-003

7.0 Water Detail

7.1 Mitigation Measures Water

LOSSAN CCLF Later Phases - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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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
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**LOSSAN CCLF Later Phases
San Luis Obispo County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	3.00	1000sqft	0.07	3,000.00	0
General Light Industry	2.90	1000sqft	0.07	2,900.00	0
General Light Industry	1.50	1000sqft	0.03	1,500.00	0
General Light Industry	2.20	1000sqft	0.05	2,200.00	0
General Light Industry	10.00	1000sqft	0.23	10,000.00	0
General Light Industry	1.90	1000sqft	0.04	1,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2027
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Later Phases Project Elements
- Land Use - 6 Buildings per Project Description
- Construction Phase - Phase 2 Conservative Schedule
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -
- Off-road Equipment -

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Project-specific assumptions

Grading - 9,200 CY of earthen materials to be hauled away from project site.

Energy Use - No natural gas use.

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	160.00
tblConstructionPhase	NumDays	2.00	30.00
tblConstructionPhase	NumDays	5.00	40.00

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	1.00	75.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	AcresOfGrading	22.50	1.50
tblGrading	AcresOfGrading	28.13	0.50
tblGrading	MaterialExported	0.00	1,840.00
tblGrading	MaterialExported	0.00	7,360.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblSolidWaste	SolidWasteGenerationRate	26.66	8.80

2.0 Emissions Summary

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.8748	9.7082	5.7819	0.0183	4.7548	0.3565	5.1113	2.5385	0.3282	2.8667	0.0000	1,820.8370	1,820.8370	0.4579	0.1014	1,851.4694
2026	12.6333	5.6532	7.4167	0.0133	0.2263	0.2425	0.3973	0.0604	0.2231	0.2525	0.0000	1,362.8014	1,362.8014	0.3606	0.0992	1,398.7240
2027	12.6331	1.1486	1.8502	3.1100e-003	0.0198	0.0516	0.0714	5.2400e-003	0.0516	0.0568	0.0000	295.7169	295.7169	0.0157	3.7000e-004	296.2185
Maximum	12.6333	9.7082	7.4167	0.0183	4.7548	0.3565	5.1113	2.5385	0.3282	2.8667	0.0000	1,820.8370	1,820.8370	0.4579	0.1014	1,851.4694

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.2124	1.9309	7.5427	0.0183	1.9674	0.0311	1.9984	1.0205	0.0307	1.0513	0.0000	1,820.8370	1,820.8370	0.4579	0.1014	1,851.4694
2026	12.4922	1.8795	7.9732	0.0133	0.2220	0.0242	0.2462	0.0600	0.0236	0.0836	0.0000	1,362.8014	1,362.8014	0.3606	0.0992	1,398.7240
2027	12.4919	0.1319	1.8735	3.1100e-003	0.0198	4.0400e-003	0.0238	5.2400e-003	4.0300e-003	9.2700e-003	0.0000	295.7169	295.7169	0.0157	3.7000e-004	296.2185
Maximum	12.4922	1.9309	7.9732	0.0183	1.9674	0.0311	1.9984	1.0205	0.0307	1.0513	0.0000	1,820.8370	1,820.8370	0.4579	0.1014	1,851.4694

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.3299	0.4605	3.1533	6.3500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2048		646.0594	646.0594	0.0410	0.0322	656.6631
Total	0.9267	0.4605	3.1555	6.3500e-003	0.7478	5.7500e-003	0.7536	0.1994	5.4000e-003	0.2048		646.0641	646.0641	0.0410	0.0322	656.6681

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.3299	0.4605	3.1533	6.3500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2048		646.0594	646.0594	0.0410	0.0322	656.6631
Total	0.9267	0.4605	3.1555	6.3500e-003	0.7478	5.7500e-003	0.7536	0.1994	5.4000e-003	0.2048		646.0641	646.0641	0.0410	0.0322	656.6681

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/6/2025	11/14/2025	5	30	
2	Site Preparation	Site Preparation	11/17/2025	2/27/2026	5	75	
3	Building Construction	Building Construction	3/2/2026	10/9/2026	5	160	
4	Paving	Paving	10/12/2026	12/4/2026	5	40	
5	Architectural Coating	Architectural Coating	12/7/2026	1/29/2027	5	40	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	6.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Site Preparation	2	5.00	0.00	728.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	182.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5696	0.0000	4.5696	2.4884	0.0000	2.4884			0.0000			0.0000
Off-Road	0.8350	8.7341	5.3948	0.0141		0.3484	0.3484		0.3205	0.3205		1,364.6987	1,364.6987	0.4414		1,375.7329
Total	0.8350	8.7341	5.3948	0.0141	4.5696	0.3484	4.9180	2.4884	0.3205	2.8089		1,364.6987	1,364.6987	0.4414		1,375.7329

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0150	0.9589	0.2024	3.6200e-003	0.1061	7.7400e-003	0.1139	0.0291	7.4000e-003	0.0365		395.5146	395.5146	0.0150	0.0627	414.5823
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0249	0.0152	0.1847	6.0000e-004	0.0791	3.4000e-004	0.0794	0.0210	3.2000e-004	0.0213		60.6237	60.6237	1.5500e-003	1.6500e-003	61.1542
Total	0.0399	0.9741	0.3870	4.2200e-003	0.1852	8.0800e-003	0.1933	0.0501	7.7200e-003	0.0578		456.1383	456.1383	0.0166	0.0644	475.7365

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7821	0.0000	1.7821	0.9705	0.0000	0.9705			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,364.6987	1,364.6987	0.4414		1,375.7329
Total	0.1725	0.7475	7.1557	0.0141	1.7821	0.0230	1.8051	0.9705	0.0230	0.9935	0.0000	1,364.6987	1,364.6987	0.4414		1,375.7329

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0150	0.9589	0.2024	3.6200e-003	0.1061	7.7400e-003	0.1139	0.0291	7.4000e-003	0.0365		395.5146	395.5146	0.0150	0.0627	414.5823
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0249	0.0152	0.1847	6.0000e-004	0.0791	3.4000e-004	0.0794	0.0210	3.2000e-004	0.0213		60.6237	60.6237	1.5500e-003	1.6500e-003	61.1542
Total	0.0399	0.9741	0.3870	4.2200e-003	0.1852	8.0800e-003	0.1933	0.0501	7.7200e-003	0.0578		456.1383	456.1383	0.0166	0.0644	475.7365

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0700e-003	0.0000	7.0700e-003	7.6000e-004	0.0000	7.6000e-004			0.0000			0.0000
Off-Road	0.3324	3.5938	2.8678	7.3000e-003		0.1240	0.1240		0.1141	0.1141		706.7216	706.7216	0.2286		712.4358
Total	0.3324	3.5938	2.8678	7.3000e-003	7.0700e-003	0.1240	0.1311	7.6000e-004	0.1141	0.1149		706.7216	706.7216	0.2286		712.4358

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0240	1.5343	0.3238	5.7900e-003	0.1698	0.0124	0.1822	0.0465	0.0118	0.0584		632.8234	632.8234	0.0240	0.1004	663.3317
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0156	9.4900e-003	0.1154	3.7000e-004	0.0494	2.1000e-004	0.0496	0.0131	2.0000e-004	0.0133		37.8898	37.8898	9.7000e-004	1.0300e-003	38.2214
Total	0.0395	1.5438	0.4392	6.1600e-003	0.2192	0.0126	0.2318	0.0597	0.0120	0.0717		670.7132	670.7132	0.0250	0.1014	701.5531

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	3.0000e-004	0.0000	3.0000e-004			0.0000			0.0000
Off-Road	0.0893	0.3871	3.9877	7.3000e-003		0.0119	0.0119		0.0119	0.0119	0.0000	706.7216	706.7216	0.2286		712.4358
Total	0.0893	0.3871	3.9877	7.3000e-003	2.7600e-003	0.0119	0.0147	3.0000e-004	0.0119	0.0122	0.0000	706.7216	706.7216	0.2286		712.4358

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0240	1.5343	0.3238	5.7900e-003	0.1698	0.0124	0.1822	0.0465	0.0118	0.0584		632.8234	632.8234	0.0240	0.1004	663.3317
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0156	9.4900e-003	0.1154	3.7000e-004	0.0494	2.1000e-004	0.0496	0.0131	2.0000e-004	0.0133		37.8898	37.8898	9.7000e-004	1.0300e-003	38.2214
Total	0.0395	1.5438	0.4392	6.1600e-003	0.2192	0.0126	0.2318	0.0597	0.0120	0.0717		670.7132	670.7132	0.0250	0.1014	701.5531

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0700e-003	0.0000	7.0700e-003	7.6000e-004	0.0000	7.6000e-004			0.0000			0.0000
Off-Road	0.3324	3.5938	2.8678	7.3000e-003		0.1240	0.1240		0.1141	0.1141		706.7216	706.7216	0.2286		712.4358
Total	0.3324	3.5938	2.8678	7.3000e-003	7.0700e-003	0.1240	0.1311	7.6000e-004	0.1141	0.1149		706.7216	706.7216	0.2286		712.4358

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0232	1.4838	0.3272	5.6600e-003	0.1698	0.0121	0.1819	0.0466	0.0115	0.0581		619.3441	619.3441	0.0246	0.0983	649.2410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0148	8.5900e-003	0.1086	3.6000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		36.7357	36.7357	8.9000e-004	9.7000e-004	37.0472
Total	0.0380	1.4924	0.4358	6.0200e-003	0.2193	0.0123	0.2315	0.0597	0.0117	0.0714		656.0798	656.0798	0.0254	0.0992	686.2882

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	3.0000e-004	0.0000	3.0000e-004			0.0000			0.0000
Off-Road	0.0893	0.3871	3.9877	7.3000e-003		0.0119	0.0119		0.0119	0.0119	0.0000	706.7216	706.7216	0.2286		712.4358
Total	0.0893	0.3871	3.9877	7.3000e-003	2.7600e-003	0.0119	0.0147	3.0000e-004	0.0119	0.0122	0.0000	706.7216	706.7216	0.2286		712.4358

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0232	1.4838	0.3272	5.6600e-003	0.1698	0.0121	0.1819	0.0466	0.0115	0.0581		619.3441	619.3441	0.0246	0.0983	649.2410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0148	8.5900e-003	0.1086	3.6000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		36.7357	36.7357	8.9000e-004	9.7000e-004	37.0472
Total	0.0380	1.4924	0.4358	6.0200e-003	0.2193	0.0123	0.2315	0.0597	0.0117	0.0714		656.0798	656.0798	0.0254	0.0992	686.2882

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1800e-003	0.1558	0.0516	5.6000e-004	0.0186	8.8000e-004	0.0195	5.3600e-003	8.4000e-004	6.2000e-003		60.5142	60.5142	1.4700e-003	8.8700e-003	63.1954
Worker	0.0267	0.0155	0.1955	6.5000e-004	0.0890	3.7000e-004	0.0893	0.0236	3.4000e-004	0.0239		66.1243	66.1243	1.6000e-003	1.7500e-003	66.6850
Total	0.0308	0.1713	0.2471	1.2100e-003	0.1076	1.2500e-003	0.1088	0.0290	1.1800e-003	0.0301		126.6385	126.6385	3.0700e-003	0.0106	129.8804

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1800e-003	0.1558	0.0516	5.6000e-004	0.0186	8.8000e-004	0.0195	5.3600e-003	8.4000e-004	6.2000e-003		60.5142	60.5142	1.4700e-003	8.8700e-003	63.1954
Worker	0.0267	0.0155	0.1955	6.5000e-004	0.0890	3.7000e-004	0.0893	0.0236	3.4000e-004	0.0239		66.1243	66.1243	1.6000e-003	1.7500e-003	66.6850
Total	0.0308	0.1713	0.2471	1.2100e-003	0.1076	1.2500e-003	0.1088	0.0290	1.1800e-003	0.0301		126.6385	126.6385	3.0700e-003	0.0106	129.8804

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0533	0.0309	0.3910	1.3100e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		132.2485	132.2485	3.1900e-003	3.5000e-003	133.3699
Total	0.0533	0.0309	0.3910	1.3100e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		132.2485	132.2485	3.1900e-003	3.5000e-003	133.3699

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1119	0.4851	6.9028	0.0113		0.0149	0.0149		0.0149	0.0149	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1119	0.4851	6.9028	0.0113		0.0149	0.0149		0.0149	0.0149	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0533	0.0309	0.3910	1.3100e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		132.2485	132.2485	3.1900e-003	3.5000e-003	133.3699
Total	0.0533	0.0309	0.3910	1.3100e-003	0.1780	7.3000e-004	0.1787	0.0472	6.7000e-004	0.0479		132.2485	132.2485	3.1900e-003	3.5000e-003	133.3699

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	12.6274	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9200e-003	3.4400e-003	0.0435	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		14.6943	14.6943	3.5000e-004	3.9000e-004	14.8189
Total	5.9200e-003	3.4400e-003	0.0435	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		14.6943	14.6943	3.5000e-004	3.9000e-004	14.8189

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	12.4863	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9200e-003	3.4400e-003	0.0435	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		14.6943	14.6943	3.5000e-004	3.9000e-004	14.8189
Total	5.9200e-003	3.4400e-003	0.0435	1.5000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3200e-003		14.6943	14.6943	3.5000e-004	3.9000e-004	14.8189

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	12.6274	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6400e-003	3.1300e-003	0.0411	1.4000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.2688	14.2688	3.3000e-004	3.7000e-004	14.3866
Total	5.6400e-003	3.1300e-003	0.0411	1.4000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.2688	14.2688	3.3000e-004	3.7000e-004	14.3866

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.4566					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	12.4863	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6400e-003	3.1300e-003	0.0411	1.4000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.2688	14.2688	3.3000e-004	3.7000e-004	14.3866
Total	5.6400e-003	3.1300e-003	0.0411	1.4000e-004	0.0198	8.0000e-005	0.0199	5.2400e-003	7.0000e-005	5.3100e-003		14.2688	14.2688	3.3000e-004	3.7000e-004	14.3866

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3299	0.4605	3.1533	6.3500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2048		646.0594	646.0594	0.0410	0.0322	656.6631
Unmitigated	0.3299	0.4605	3.1533	6.3500e-003	0.7478	5.7400e-003	0.7536	0.1994	5.3900e-003	0.2048		646.0594	646.0594	0.0410	0.0322	656.6631

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	14.88	5.97	15.00	44,965	44,965
General Light Industry	14.38	5.77	14.50	43,466	43,466
General Light Industry	7.44	2.99	7.50	22,482	22,482
General Light Industry	10.91	4.38	11.00	32,974	32,974
General Light Industry	49.60	19.90	50.00	149,883	149,883
General Light Industry	9.42	3.78	9.50	28,478	28,478
Total	106.64	42.79	107.50	322,249	322,249

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.502926	0.057913	0.201381	0.142041	0.033535	0.008550	0.008361	0.005979	0.000919	0.000356	0.031380	0.000886	0.005774

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Unmitigated	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003
Total	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.7100e-003	4.7100e-003	1.0000e-005		5.0100e-003

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-004	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.7100e-003	4.7100e-003	1.0000e-005	5.0100e-003
Total	0.5968	2.0000e-005	2.1900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.7100e-003	4.7100e-003	1.0000e-005	5.0100e-003

7.0 Water Detail

7.1 Mitigation Measures Water

LOSSAN CCLF Later Phases - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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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
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Emissions Summary

GHG Emissions Summary

Construction GHG Emissions

Phase 1	569.09
Later Phases	<u>190.10</u>
	<u><u>759.19</u></u>

30 yr amortized cnst	25.31	
CalEEMod operations	128.81	
mobile off-set	(98.83)	(existing facility workers will work at new facility)
waste/water off-set	(13.71)	(existing facility will be decommissioned)
Net Operations	<u>16.27</u>	
	<u><u>41.58</u></u>	MT CO ₂ e
	65	employee population
	0.64	emissions/employee population

Health Risk Assessment

Overview

Diesel exhaust emissions, specifically diesel particulate matter (DPM), is considered a toxic air contaminant (TAC) by the California Air Resources Board (CARB). As such, this air toxics human health risk assessment (HRA) was conducted to assess the health risk to nearby residential uses associated with the proposed project. A health risk assessment consists of three parts: (1) a TAC emissions inventory, (2) air dispersion modeling to evaluate off-site concentrations of TAC emissions, and (3) assessment of risks associated with predicted concentrations.

Uncertainty in Risk Assessment

There is a great deal of uncertainty associated with the process of risk assessment. The uncertainty arises from lack of data in many areas necessitating the use of assumptions. The assumptions used in the OEHHA guidelines are designed to err on the side of health protection in order to avoid underestimation of risk to the public. Sources of uncertainty, which may overestimate or underestimate risk, include: 1) extrapolation of toxicity data in animals to humans, 2) uncertainty in the estimation of emissions, 3) uncertainty in the air dispersion models, and 4) uncertainty in the exposure estimates. In addition to uncertainty, there is a natural range or variability in measured parameters defining the exposure scenario. Scientific studies with representative sampling and large enough sample sizes can characterize this variability. In the specific context of a Hot Spots risk assessment, the source of variability with the greatest quantitative impact is variation among the human population in such properties as height, weight, food consumption, breathing rates, and susceptibility to chemical toxicants (OEHHA, 2015).

Methodology

Model Selection

Dispersion modeling was performed using the United States Environmental Protection Agency developed AERMOD gaussian plume dispersion model, version 10.10.1. See model output sheets for model setup parameters.

Modeled Sources

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

Source Parameters

Locomotive stack release height, diameter, exit velocity, and exit temperature were obtained from the Metrolink *Health Risk Assessment for the Central Maintenance Facility* (Metrolink, 2014) for the locomotive engine model most representative of the Pacific Surfliner locomotive fleet at the appropriate engine throttle settings.

Emissions Rates

The Pacific Surfliner fleet consists of Siemens Charger ALC-42 locomotives that meet USEPA Tier-4 emissions standards. Locomotive emissions were calculated per the United States Environmental Protection Agency (USEPA) publication *Emission Factors for Locomotives* (EPA, 2009) using Tier-4 emissions factors and fuel consumption rates.

Exposure Assessment and Risk Calculation

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

References

- California Office of Environmental Health Hazard Assessment (OEHHA). 2015. Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments. February. Available: <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>
- Metrolink. 2014. Health Risk Assessment for the Central Maintenance Facility. November. Available: <https://metrolinktrains.com/globalassets/news/metrolink-news/cmf-hra-2014.pdf>
- United States Environmental Protection Agency (USEPA). 2009. Emission Factors for Locomotives. April. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>

Attachments

- Health Risk Assessment Cancer Risk Calculations
- Emissions Summary
- Source and Building Placements
- Receptor Placements
- AERMOD model outputs

Health Risk Assessment

Cancer Risk Calculations

2015 OEHHA Methodology

Diesel Particulate Matter Emission Rate Calculation / Scaler - Residential Use

Diesel Particulate Concentration (ug/m3)	0.00147	0.00184	0.00267	0.00294
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Cancer Risk Calculations - DPM

Parameter	Age				Total
	3rd Tri	0 < 2	2<16	16-30	
Breathing Rate	361	1090	745	335	
Exposure Frequency (EF)	350	350	350	350	
Exposure Duration (ED) (years)	0.25	2	14.00	13.75	30.00
Averaging Time (AT)	25550	25550	25550	25550	
Age Sensitivity Factor (ASF)	10	10	3	1	
Fraction of Time at Home (FAH)	0.85	0.85	0.72	0.73	
30-Year (Lifetime) Concentration (ug/m3)	1.47E-03	1.84E-03	2.67E-03	2.94E-03	
30-Year (Lifetime) Dose (mg/kg-d)	5.09E-07	1.92E-06	1.91E-06	9.44E-07	
Carcinogen Potency (CPF) (mg/kg-d) ⁻¹ - Diesel Particulate Matter	1.1	1.1	1.1	1.1	
Cancer Risk	3.96E-08	1.20E-06	2.11E-06	3.48E-07	3.70E-06
Risk per Million (DPM)					3.70
Chronic Risk (HI)					0.001

Emissions Summary

Tier-4 Locomotive Emissions Factors							
Method	CO	VOC	NO_x	SO_x	PM₁₀	PM_{2.5}	CO₂
g/bhp-hr	1.28000	0.04212	1.00000		0.01500		
g/gallon				0.093888			10217.28
Locomotive Emissions Factors (g/gal)							
Year	CO	VOC	NO_x	SO_x	PM₁₀	PM_{2.5}	CO₂
All	26.6	0.876	21	0.09	0.31	0.303	10,217
Source: Derived from <i>Emissions Factors for Locomotives</i> (April 2009), USEPA Available: https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF							

Idle Fuel Use Estimates						
Trains	Count	Locos/ Train	Loco Count	Idle time/ train (hr)	Fuel/Idle hour (gal)	Fuel use/ day (gal)
Year 2025	2.00	1.00	2.00	0.50	15.00	15.00
Years 2026-2031	3.00	1.00	3.00	0.50	15.00	22.50
Years 2032-2055	4.00	1.00	4.00	0.50	15.00	30.00
Source: Train count and idle estimates provided by HDR; idle fuel rate from Link Union Station EIR.						

Emissions Summary

Daily Locomotive Idle Emissions in Pounds per Day							
Year	CO	VOC	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
2025	0.88044	0.02897	0.68784	0.00310	0.01032	0.01001	338
2026-2031	1.32066	0.04346	1.03176	0.00466	0.01548	0.01501	507
2032-2055	1.76088	0.05794	1.37568	0.00621	0.02064	0.02002	676

Daily Locomotive Spur Movement Emissions in Pounds per Day							
Year	CO	VOC	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
2025	1.99	0.07	1.56	0.01	0.02	0.02	764
2026-2031	2.99	0.10	2.33	0.01	0.04	0.03	1,146
2032-2055	3.98	0.13	3.11	0.01	0.05	0.05	1,529

Notes:
Assumes 20 gallons per hour traveling at 5 mph.

Distance: 0.187 mile
Travel time: 0.0374 hours

Daily Locomotive Wash Movement Emissions in Pounds per Day							
Year	CO	VOC	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
2025	10.54	0.35	8.24	0.04	0.12	0.12	4,046
2026-2031	15.81	0.52	12.36	0.06	0.19	0.18	6,069
2032-2055	21.09	0.69	16.47	0.07	0.25	0.24	8,092

Notes:
Assumes 20 gallons per hour traveling at 3 mph.

Distance: 0.594 mile
Travel time: 0.198 hours

Daily Locomotive Track Movement Emissions in Pounds per Day							
Year	CO	VOC	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
2025	2.54	0.08	1.98	0.01	0.03	0.03	974
2026-2031	3.81	0.13	2.97	0.01	0.04	0.04	1,461
2032-2055	5.08	0.17	3.97	0.02	0.06	0.06	1,948

Notes:
Assumes 20 gallons per hour traveling at 3 mph.

Distance: 0.143 mile
Travel time: 0.047667 hours

Emissions Summary

AERMOD DPM Emissions Inputs in Pounds per Day					
Residential	Years	Idle	Spur	Wash	Track
3rd trimester	2025	0.002579	0.023338	0.123552	0.029744
0<2	2025-26	0.003224	0.029172	0.154440	0.037180
2<16	2027-40	0.004698	0.042508	0.225041	0.054177
16<30	2041-55	0.005159	0.046675	0.247104	0.059488
Hourly Emissions					
3rd trimester		2.866E-04	2.593E-03	1.373E-02	3.305E-03
0<2		3.583E-04	3.241E-03	1.716E-02	4.131E-03
2<16		5.220E-04	4.723E-03	2.500E-02	6.020E-03
16<30		5.732E-04	5.186E-03	2.746E-02	6.610E-03
g/sec					
3rd trimester			7.203E-07	3.813E-06	9.180E-07
0<2			9.004E-07	4.767E-06	1.148E-06
2<16			1.312E-06	6.946E-06	1.672E-06
16<30			1.441E-06	7.627E-06	1.836E-06

Activity hours: 9.00

Seconds per hour: 3,600

PROJECT TITLE:
LOSSAN CCLF DPM HRA
Source and Building Placements

COMMENTS:

SOURCES:
10

RECEPTORS:
1120

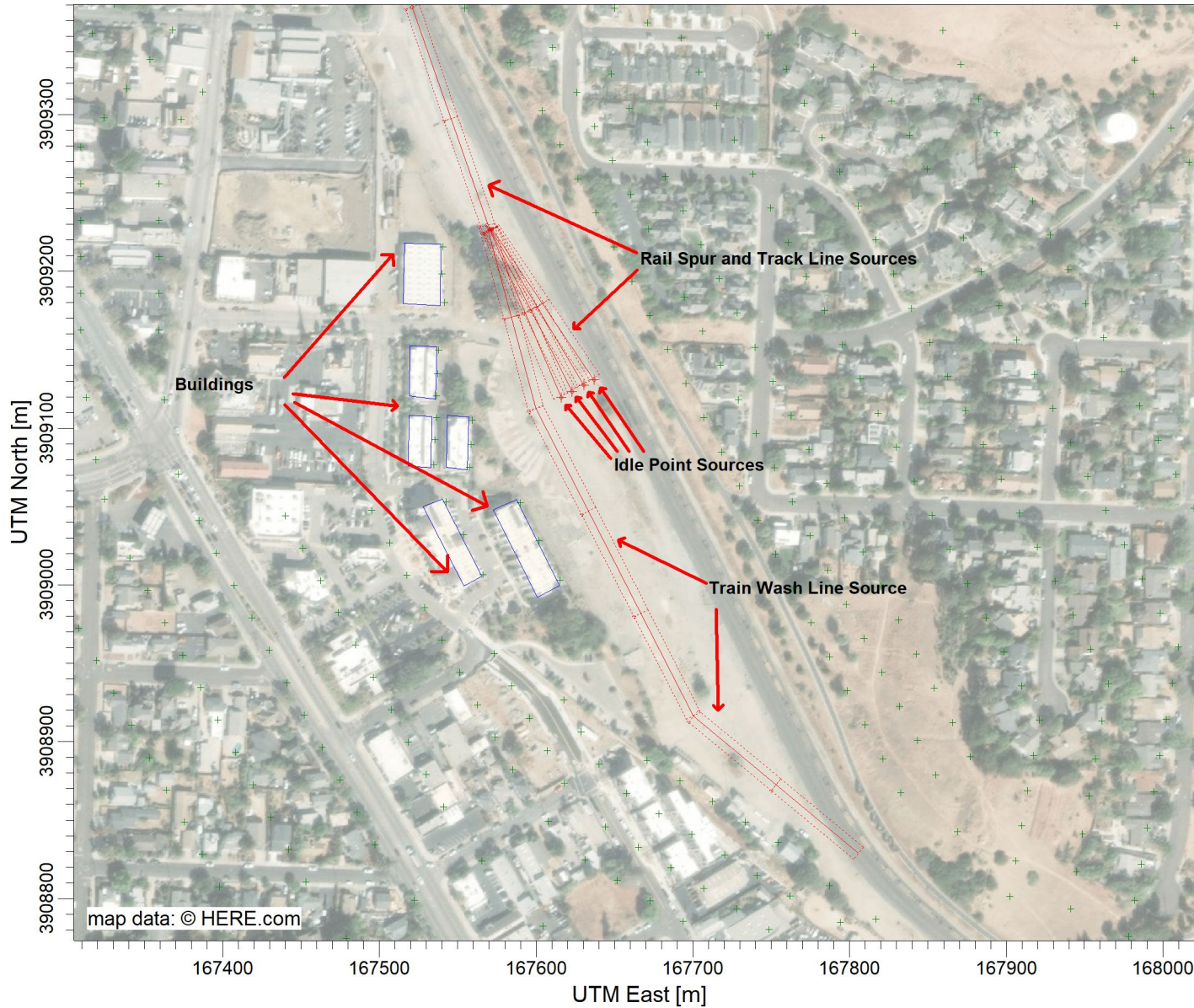
COMPANY NAME:
ERPinc (www.erpinc.com)

MODELER:
Keith Cooper

DATE:
10/28/2021

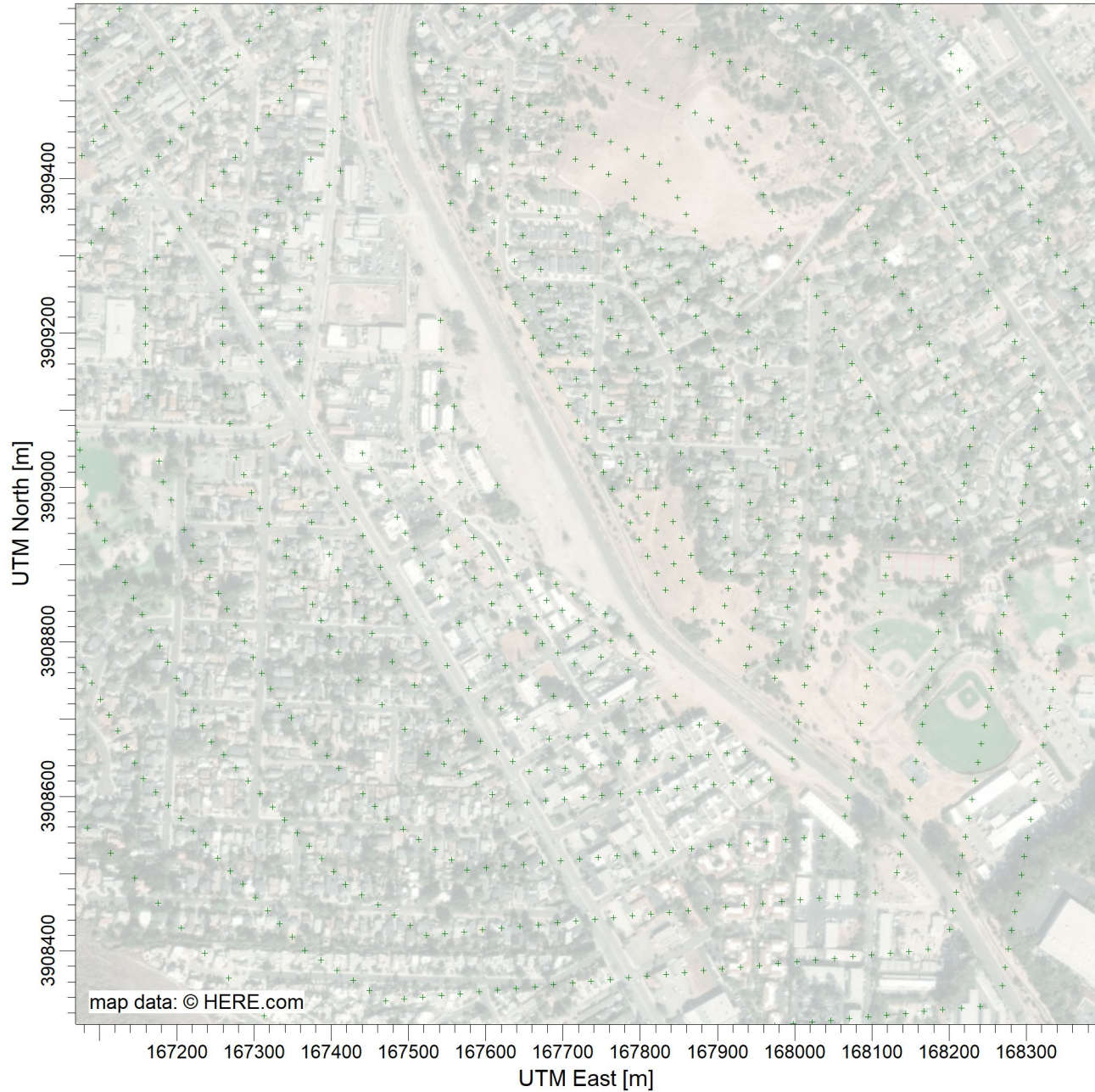
SCALE: 1:4,066


PROJECT NO.:



PROJECT TITLE:

**LOSSAN CCLF DPM HRA
Receptor Placements**



COMMENTS:

SOURCES:

4

COMPANY NAME:

ERPinc (www.erpinc.com)

RECEPTORS:

1114

MODELER:

Keith Cooper

SCALE:

1:8,310

0

 0.3 km

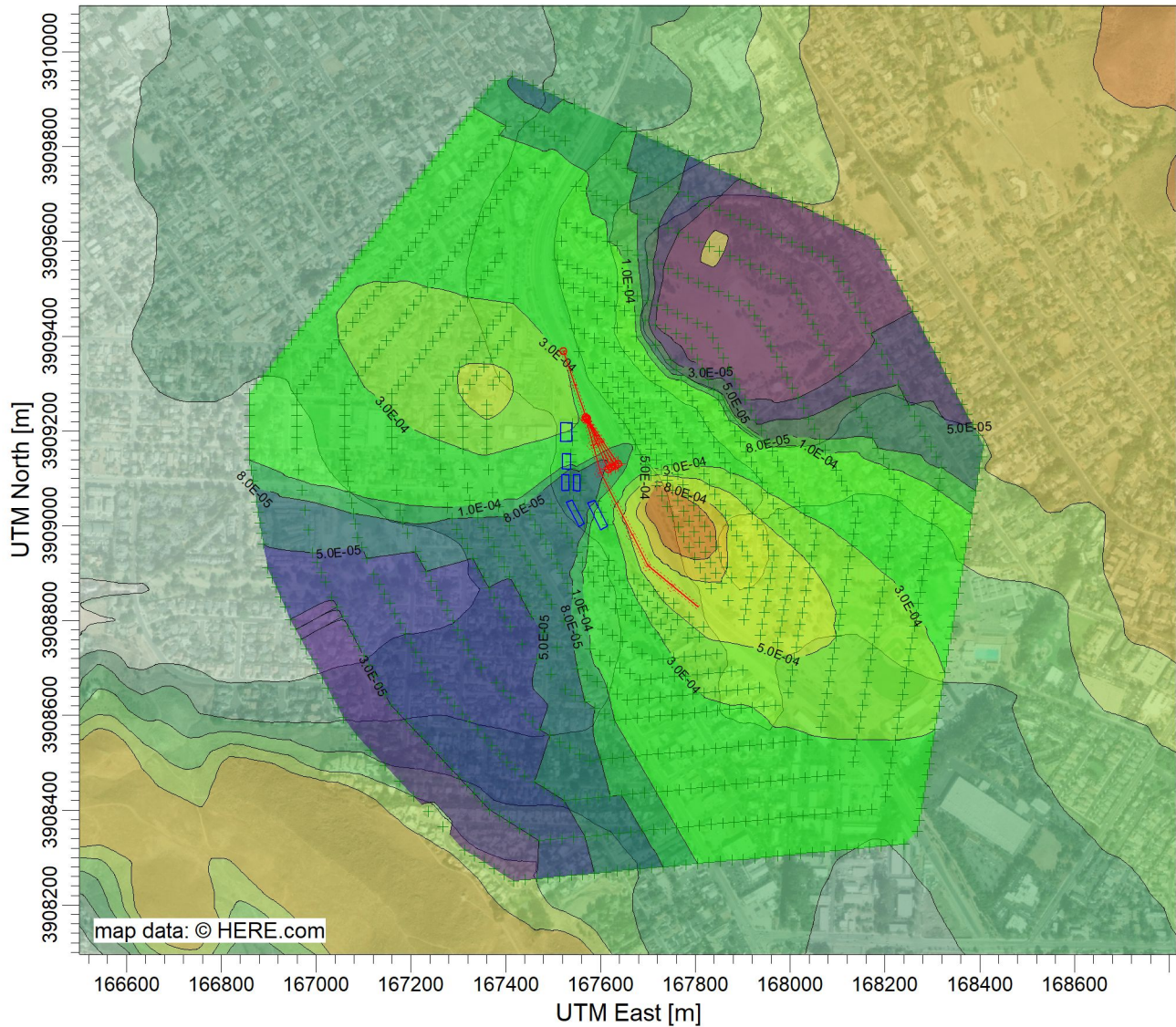
DATE:

10/19/2021

PROJECT NO.:

PROJECT TITLE:

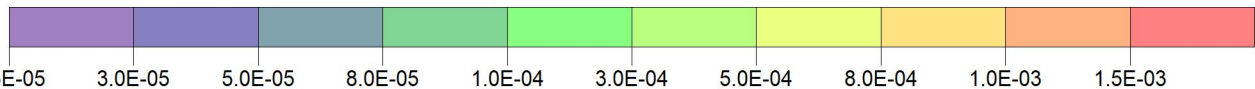
**LOSSAN CCLF DPM HRA
3rd Trimester Concentrations**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 1.5E-03 [ug/m³] at (167741.20, 3909041.34)



COMMENTS:	SOURCES: 10	COMPANY NAME: ERPinc (www.erpinc.com)	
	RECEPTORS: 1120	MODELER: Keith Cooper	
	OUTPUT TYPE: Concentration	SCALE: 1:14,564	
	MAX: 1.5E-03 ug/m³	DATE: 10/28/2021	PROJECT NO.:


```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 10/28/2021
** File: C:\Lakes\AERMOD View\LOSSAN CLF 3rd Tri\LOSSAN CLF 3rd Tri.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE LOSSAN CCLF HRA
  TITLETWO 3rd Trimester Concentrations
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 47302 San_Luis_Obispo_2019_population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "LOSSAN CLF 3rd Tri.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION STCK1      POINT      167616.014  3909119.568      76.470
** DESCRSRC Idle 1
LOCATION STCK2      POINT      167622.766  3909123.402      76.780
** DESCRSRC Idle 2
LOCATION STCK3      POINT      167630.600  3909127.264      77.140
** DESCRSRC Idle 3
LOCATION STCK4      POINT      167636.976  3909130.898      77.430
** DESCRSRC Idle 4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN1
** DESCRSRC Spur
** PREFIX
** Length of Side = 9.12
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 5.2346E-10
** Nodes = 2
** 167521.004, 3909368.620, 77.89, 23.20
** 167570.436, 3909226.139, 75.33, 23.20
** -----

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```

LOCATION A0000016   AREA   167516.694 3909367.125 77.35
LOCATION A0000017   AREA   167541.410 3909295.884 76.55
** End of LINE AREA Source ID = ARLN1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN2
** DESCRSRC Wash
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 7.9733E-10
** Nodes = 4
** 167568.341, 3909229.227, 75.08, 23.20
** 167599.947, 3909112.532, 76.43, 23.20
** 167700.434, 3908916.418, 75.30, 23.20
** 167805.785, 3908828.897, 80.56, 23.20
** -----
LOCATION A0000009   AREA   167563.515 3909227.920 75.21
LOCATION A0000010   AREA   167579.318 3909169.573 75.00
LOCATION A0000011   AREA   167595.497 3909110.252 75.51
LOCATION A0000012   AREA   167628.993 3909044.881 74.54
LOCATION A0000013   AREA   167662.489 3908979.509 73.87
LOCATION A0000014   AREA   167697.239 3908912.572 75.04
LOCATION A0000015   AREA   167749.915 3908868.811 77.15
** End of LINE AREA Source ID = ARLN2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN3
** DESCRSRC Track 1
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 7.9738E-10
** Nodes = 2
** 167570.373, 3909226.334, 75.33, 23.20
** 167615.611, 3909120.467, 76.52, 23.20
** -----
LOCATION A0000022   AREA   167565.776 3909224.370 75.23
LOCATION A0000023   AREA   167588.394 3909171.436 75.54
** End of LINE AREA Source ID = ARLN3
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN4
** DESCRSRC Track 2
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 7.9822E-10
** Nodes = 2
** 167570.561, 3909226.898, 75.37, 23.20
** 167622.369, 3909124.221, 76.76, 23.20
** -----
LOCATION A0000020   AREA   167566.097 3909224.645 75.26
LOCATION A0000021   AREA   167592.001 3909173.307 75.77

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** End of LINE AREA Source ID = ARLN4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN5
** DESCRSRC Track 3
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 8.0306E-10
** Nodes = 2
** 167571.124, 3909226.522, 75.38, 23.20
** 167629.689, 3909128.351, 77.31, 23.20
** -----
LOCATION A0000024   AREA   167566.830 3909223.960 75.29
LOCATION A0000025   AREA   167596.113 3909174.875 76.02
** End of LINE AREA Source ID = ARLN5
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN6
** DESCRSRC Track 4
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 7.9679E-10
** Nodes = 2
** 167571.875, 3909227.085, 75.44, 23.20
** 167636.259, 3909131.542, 77.36, 23.20
** -----
LOCATION A0000026   AREA   167567.729 3909224.291 75.35
LOCATION A0000027   AREA   167599.921 3909176.519 76.26
** End of LINE AREA Source ID = ARLN6
** Source Parameters **
SRCPARAM STCK1      0.000036111      4.600   351.000   3.73000   0.666
SRCPARAM STCK2      0.000036111      4.600   351.000   3.73000   0.666
SRCPARAM STCK3      0.000036111      4.600   351.000   3.73000   0.666
SRCPARAM STCK4      0.000036111      4.600   351.000   3.73000   0.666
** LINE AREA Source ID = ARLN1
SRCPARAM A0000016   5.2346E-10   23.200   75.406    9.124    70.866   10.770
SRCPARAM A0000017   5.2346E-10   23.200   75.406    9.124    70.866   10.770
** -----
** LINE AREA Source ID = ARLN2
SRCPARAM A0000009   7.9733E-10   23.200   60.450   10.000   74.846   10.770
SRCPARAM A0000010   7.9733E-10   23.200   60.450   10.000   74.846   10.770
SRCPARAM A0000011   7.9733E-10   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000012   7.9733E-10   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000013   7.9733E-10   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000014   7.9733E-10   23.200   68.481   10.000   39.719   10.770
SRCPARAM A0000015   7.9733E-10   23.200   68.481   10.000   39.719   10.770
** -----
** LINE AREA Source ID = ARLN3
SRCPARAM A0000022   7.9738E-10   23.200   57.564   10.000   66.863   10.770
SRCPARAM A0000023   7.9738E-10   23.200   57.564   10.000   66.863   10.770
** -----
** LINE AREA Source ID = ARLN4
SRCPARAM A0000020   7.9822E-10   23.200   57.503   10.000   63.226   10.770

```


SRCPARAM A0000021	7.9822E-10	23.200	57.503	10.000	63.226	10.770

** LINE AREA Source ID = ARLN5						
SRCPARAM A0000024	8.0306E-10	23.200	57.156	10.000	59.181	10.770
SRCPARAM A0000025	8.0306E-10	23.200	57.156	10.000	59.181	10.770

** LINE AREA Source ID = ARLN6						
SRCPARAM A0000026	7.9679E-10	23.200	57.606	10.000	56.025	10.770
SRCPARAM A0000027	7.9679E-10	23.200	57.606	10.000	56.025	10.770

** Building Downwash **						
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00

YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00

URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"

** Variable Emission Scenario: "Scenario 1"

EMISFACT	STCK1	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000014	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

RE STARTING
INCLUDED "LOSSAN CLF 3rd Tri.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**

ME STARTING

```
SURFFILE 722897\722897.SFC
PROFFILE 722897\722897.PFL
SURFDATA 93206 2009 SLO_Regional_Airport
UAIRDATA 93214 2009
PROFBASE 61.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "LOSSAN CLF 3rd Tri.AD\AN00GALL.PLT" 31
   SUMMFILE "LOSSAN CLF 3rd Tri.sum"
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****
```

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 3rd Trimester Concentrations

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 21 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 47302.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 21 Source(s); 1 Source Group(s); and 1120 Receptor(s)

with: 4 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 17 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 61.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LOSSAN CLF 3rd Tri.err
**File for Summary of Results: LOSSAN CLF 3rd Tri.sum

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 3rd Trimester Concentrations
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.36111E-04	167616.0	3909119.6	76.5	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK2	0	0.36111E-04	167622.8	3909123.4	76.8	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK3	0	0.36111E-04	167630.6	3909127.3	77.1	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK4	0	0.36111E-04	167637.0	3909130.9	77.4	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
A0000016	0	0.52346E-09	167516.7 3909367.1	77.3	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000017	0	0.52346E-09	167541.4 3909295.9	76.5	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000009	0	0.79733E-09	167563.5 3909227.9	75.2	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000010	0	0.79733E-09	167579.3 3909169.6	75.0	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000011	0	0.79733E-09	167595.5 3909110.3	75.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000012	0	0.79733E-09	167629.0 3909044.9	74.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000013	0	0.79733E-09	167662.5 3908979.5	73.9	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000014	0	0.79733E-09	167697.2 3908912.6	75.0	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000015	0	0.79733E-09	167749.9 3908868.8	77.1	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000022	0	0.79738E-09	167565.8 3909224.4	75.2	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000023	0	0.79738E-09	167588.4 3909171.4	75.5	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000020	0	0.79822E-09	167566.1 3909224.6	75.3	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000021	0	0.79822E-09	167592.0 3909173.3	75.8	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000024	0	0.80306E-09	167566.8 3909224.0	75.3	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000025	0	0.80306E-09	167596.1 3909174.9	76.0	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000026	0	0.79679E-09	167567.7 3909224.3	75.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY
A0000027	0	0.79679E-09	167599.9 3909176.5	76.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	STCK1	,	STCK2	,	STCK3	,	STCK4	,	A0000016	,	A0000017	,	A0000009	,	A0000010	,
	A0000011	,	A0000012	,	A0000013	,	A0000014	,	A0000015	,	A0000022	,	A0000023	,	A0000020	,
	A0000021	,	A0000024	,	A0000025	,	A0000026	,	A0000027	,						

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs								
-----	-----	-----	-----	-----	-----	-----	-----			
A0000010	47302.	STCK1	, STCK2	, STCK3	, STCK4	, A0000016	, A0000017	, A0000009	,	
		A0000011	, A0000012	, A0000013	, A0000014	, A0000015	, A0000022	, A0000023	, A0000020	,
		A0000021	, A0000024	, A0000025	, A0000026	, A0000027				,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = STCK1 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK2 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK3 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK4 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000016 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000017 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000009 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000010 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000011 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000012 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000013 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000014 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000015 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000022 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000023 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000020 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000021 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000024 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000025 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000026 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 3rd Trimester Concentrations

*** 10/28/21
*** 02:06:32
*** PAGE 10

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(167603.8, 3909302.5,	81.6,	368.8,	0.0);	(167615.3, 3909280.7,	81.2,	368.8,	0.0);
(167626.7, 3909259.0,	80.8,	368.8,	0.0);	(167638.2, 3909237.2,	80.5,	368.8,	0.0);
(167649.6, 3909215.4,	80.1,	368.8,	0.0);	(167661.1, 3909193.7,	79.9,	368.8,	0.0);
(167672.5, 3909171.9,	79.8,	368.8,	0.0);	(167684.0, 3909150.1,	79.7,	368.8,	0.0);
(167695.4, 3909128.4,	79.5,	368.8,	0.0);	(167706.9, 3909106.6,	79.3,	368.8,	0.0);
(167718.3, 3909084.9,	79.3,	368.8,	0.0);	(167729.8, 3909063.1,	79.4,	368.8,	0.0);
(167741.2, 3909041.3,	79.7,	368.8,	0.0);	(167752.6, 3909019.6,	80.4,	368.8,	0.0);
(167764.1, 3908997.8,	81.2,	368.8,	0.0);	(167775.5, 3908976.1,	81.6,	368.8,	0.0);
(167787.0, 3908954.3,	82.0,	368.8,	0.0);	(167798.4, 3908932.5,	82.4,	368.8,	0.0);
(167809.9, 3908910.8,	82.9,	368.8,	0.0);	(167821.3, 3908889.0,	83.3,	368.8,	0.0);
(167832.8, 3908867.2,	83.6,	368.8,	0.0);	(167844.2, 3908845.6,	84.1,	368.8,	0.0);
(167854.9, 3908823.8,	84.4,	368.8,	0.0);	(167867.1, 3908800.6,	84.9,	368.8,	0.0);
(167877.0, 3908779.4,	85.1,	368.8,	0.0);	(167890.0, 3908755.2,	85.7,	368.8,	0.0);
(167900.0, 3908734.9,	85.8,	368.8,	0.0);	(167912.9, 3908709.7,	86.4,	368.8,	0.0);
(167923.0, 3908690.4,	86.4,	368.8,	0.0);	(167935.8, 3908664.2,	87.1,	368.8,	0.0);
(167945.9, 3908645.9,	87.0,	368.8,	0.0);	(167958.7, 3908618.7,	87.7,	368.8,	0.0);
(167968.8, 3908601.4,	87.7,	368.8,	0.0);	(167981.6, 3908573.2,	88.4,	368.8,	0.0);
(167991.7, 3908556.9,	88.3,	368.8,	0.0);	(168004.5, 3908527.7,	89.0,	368.8,	0.0);
(168014.6, 3908512.4,	89.0,	368.8,	0.0);	(168027.4, 3908482.2,	89.7,	368.8,	0.0);
(168037.5, 3908467.9,	89.7,	368.8,	0.0);	(168050.3, 3908436.7,	90.3,	368.8,	0.0);
(168060.4, 3908423.4,	90.4,	368.8,	0.0);	(168073.2, 3908391.2,	91.0,	368.8,	0.0);
(168083.3, 3908378.9,	91.0,	368.8,	0.0);	(168096.1, 3908345.7,	91.6,	368.8,	0.0);
(168106.2, 3908334.4,	91.7,	368.8,	0.0);	(168119.0, 3908300.2,	92.2,	368.8,	0.0);
(168129.1, 3908289.9,	92.3,	368.8,	0.0);	(168141.9, 3908254.7,	92.8,	368.8,	0.0);
(168152.0, 3908245.4,	92.9,	368.8,	0.0);	(168164.8, 3908209.2,	93.4,	368.8,	0.0);
(168174.9, 3908200.9,	93.5,	368.8,	0.0);	(168187.7, 3908163.7,	94.0,	368.8,	0.0);
(168197.8, 3908156.4,	93.8,	368.8,	0.0);	(168210.6, 3908118.2,	94.5,	368.8,	0.0);
(168220.7, 3908111.9,	94.1,	368.8,	0.0);	(168233.5, 3908072.7,	95.1,	368.8,	0.0);
(168243.6, 3908067.4,	94.7,	368.8,	0.0);	(168256.4, 3908027.2,	95.6,	368.8,	0.0);
(168266.5, 3908022.9,	95.2,	368.8,	0.0);	(168279.3, 3907981.7,	96.2,	368.8,	0.0);
(168289.4, 3907978.4,	95.8,	368.8,	0.0);	(168302.2, 3907936.2,	96.7,	368.8,	0.0);
(168312.3, 3907933.9,	96.3,	368.8,	0.0);	(168325.1, 3907890.7,	97.2,	368.8,	0.0);
(168335.2, 3907889.4,	96.9,	368.8,	0.0);	(168348.0, 3907845.2,	97.8,	368.8,	0.0);
(168358.1, 3907844.9,	97.4,	368.8,	0.0);	(168370.9, 3907800.7,	98.3,	368.8,	0.0);
(168381.0, 3907799.4,	97.9,	368.8,	0.0);	(168393.8, 3907755.2,	98.9,	368.8,	0.0);
(168403.9, 3907754.9,	98.5,	368.8,	0.0);	(168416.7, 3907709.7,	99.4,	368.8,	0.0);
(168426.8, 3907710.4,	99.0,	368.8,	0.0);	(168439.6, 3907664.2,	99.9,	368.8,	0.0);
(168449.7, 3907665.9,	100.0,	368.8,	0.0);	(168462.5, 3907618.7,	100.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167886.9, 3908979.1,	97.3,	368.8,	0.0);	(167898.4, 3908957.3,	98.5,	368.8,	0.0);
(167909.8, 3908935.6,	97.7,	368.8,	0.0);	(167921.3, 3908913.8,	94.8,	368.8,	0.0);
(167716.1, 3909381.5,	101.3,	368.8,	0.0);	(167675.2, 3909399.9,	97.3,	368.8,	0.0);
(167634.3, 3909418.2,	90.7,	368.8,	0.0);	(167593.4, 3909436.6,	85.2,	368.8,	0.0);
(167552.5, 3909455.0,	81.9,	368.8,	0.0);	(167387.2, 3909314.5,	70.2,	368.8,	0.0);
(167373.4, 3909296.8,	69.5,	368.8,	0.0);	(167748.0, 3909350.6,	102.0,	368.8,	0.0);
(167759.5, 3909328.8,	100.5,	368.8,	0.0);	(167770.9, 3909307.0,	97.9,	368.8,	0.0);
(167782.4, 3909285.3,	96.2,	368.8,	0.0);	(167793.8, 3909263.5,	93.7,	368.8,	0.0);
(167805.3, 3909241.8,	91.0,	368.8,	0.0);	(167816.7, 3909220.0,	90.5,	368.8,	0.0);
(167828.2, 3909198.2,	89.9,	368.8,	0.0);	(167839.6, 3909176.5,	88.3,	368.8,	0.0);
(167851.1, 3909154.7,	87.2,	368.8,	0.0);	(167862.5, 3909132.9,	86.5,	368.8,	0.0);
(167873.9, 3909111.2,	86.3,	368.8,	0.0);	(167885.4, 3909089.4,	86.0,	368.8,	0.0);
(167896.8, 3909067.7,	87.6,	368.8,	0.0);	(167908.3, 3909045.9,	89.1,	368.8,	0.0);
(167919.8, 3909024.1,	90.0,	368.8,	0.0);	(167931.2, 3909002.4,	91.0,	368.8,	0.0);
(167942.6, 3908980.6,	91.0,	368.8,	0.0);	(167954.1, 3908958.8,	90.0,	368.8,	0.0);
(167965.5, 3908937.1,	88.1,	368.8,	0.0);	(167759.2, 3909405.3,	113.0,	368.8,	0.0);
(167737.6, 3909415.0,	110.3,	368.8,	0.0);	(167715.9, 3909424.8,	106.7,	368.8,	0.0);
(167694.3, 3909434.5,	101.9,	368.8,	0.0);	(167672.7, 3909444.2,	97.3,	368.8,	0.0);
(167651.0, 3909453.9,	92.8,	368.8,	0.0);	(167629.4, 3909463.6,	89.2,	368.8,	0.0);
(167607.8, 3909473.3,	86.3,	368.8,	0.0);	(167586.1, 3909483.0,	84.3,	368.8,	0.0);
(167564.5, 3909492.8,	82.8,	368.8,	0.0);	(167542.9, 3909502.5,	81.6,	368.8,	0.0);
(167521.2, 3909512.2,	80.4,	368.8,	0.0);	(167411.9, 3909409.9,	72.5,	368.8,	0.0);
(167397.3, 3909391.2,	71.7,	368.8,	0.0);	(167382.7, 3909372.5,	70.8,	368.8,	0.0);
(167368.0, 3909353.9,	70.0,	368.8,	0.0);	(167353.4, 3909335.2,	69.4,	368.8,	0.0);
(167338.8, 3909316.5,	68.8,	368.8,	0.0);	(167324.2, 3909297.9,	68.1,	368.8,	0.0);
(167780.8, 3909395.6,	116.0,	368.8,	0.0);	(167792.3, 3909373.8,	114.8,	368.8,	0.0);
(167803.7, 3909352.1,	112.9,	368.8,	0.0);	(167815.2, 3909330.3,	109.3,	368.8,	0.0);
(167826.6, 3909308.5,	104.4,	368.8,	0.0);	(167838.1, 3909286.8,	99.9,	368.8,	0.0);
(167849.5, 3909265.0,	97.7,	368.8,	0.0);	(167861.0, 3909243.3,	99.0,	368.8,	0.0);
(167872.4, 3909221.5,	98.5,	368.8,	0.0);	(167883.9, 3909199.7,	97.4,	368.8,	0.0);
(167895.3, 3909178.0,	96.1,	368.8,	0.0);	(167906.8, 3909156.2,	94.6,	368.8,	0.0);
(167918.2, 3909134.5,	93.2,	368.8,	0.0);	(167929.6, 3909112.7,	91.8,	368.8,	0.0);
(167941.1, 3909090.9,	91.3,	368.8,	0.0);	(167952.5, 3909069.2,	90.8,	368.8,	0.0);
(167964.0, 3909047.4,	90.5,	368.8,	0.0);	(167975.4, 3909025.6,	89.9,	368.8,	0.0);
(167986.9, 3909003.9,	88.9,	368.8,	0.0);	(167998.3, 3908982.1,	87.5,	368.8,	0.0);
(168009.8, 3908960.4,	86.1,	368.8,	0.0);	(167804.0, 3909428.3,	128.4,	368.8,	0.0);
(167782.9, 3909437.8,	125.1,	368.8,	0.0);	(167761.8, 3909447.3,	120.2,	368.8,	0.0);
(167740.7, 3909456.8,	113.8,	368.8,	0.0);	(167719.6, 3909466.2,	106.8,	368.8,	0.0);
(167698.5, 3909475.7,	100.5,	368.8,	0.0);	(167677.4, 3909485.2,	96.2,	368.8,	0.0);
(167656.3, 3909494.7,	92.7,	368.8,	0.0);	(167635.3, 3909504.1,	89.7,	368.8,	0.0);
(167614.2, 3909513.6,	87.0,	368.8,	0.0);	(167593.1, 3909523.1,	85.0,	368.8,	0.0);
(167572.0, 3909532.5,	83.8,	368.8,	0.0);	(167550.9, 3909542.0,	82.7,	368.8,	0.0);
(167529.8, 3909551.5,	81.4,	368.8,	0.0);	(167508.7, 3909561.0,	80.0,	368.8,	0.0);
(167416.4, 3909479.4,	73.7,	368.8,	0.0);	(167402.1, 3909461.2,	72.9,	368.8,	0.0);
(167387.9, 3909443.0,	72.0,	368.8,	0.0);	(167373.6, 3909424.8,	71.1,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167359.3, 3909406.6, 70.2, 368.8, 0.0);	(167345.1, 3909388.4, 69.4, 368.8, 0.0);
(167330.8, 3909370.2, 68.9, 368.8, 0.0);	(167316.6, 3909352.0, 68.6, 368.8, 0.0);
(167302.3, 3909333.8, 67.9, 368.8, 0.0);	(167288.1, 3909315.6, 67.3, 368.8, 0.0);
(167273.8, 3909297.4, 66.8, 368.8, 0.0);	(167825.1, 3909418.9, 131.5, 368.8, 0.0);
(167836.5, 3909397.1, 129.6, 368.8, 0.0);	(167848.0, 3909375.3, 126.7, 368.8, 0.0);
(167859.4, 3909353.6, 119.8, 368.8, 0.0);	(167870.9, 3909331.8, 109.9, 368.8, 0.0);
(167882.3, 3909310.1, 109.5, 368.8, 0.0);	(167893.8, 3909288.3, 109.3, 368.8, 0.0);
(167905.2, 3909266.5, 109.1, 368.8, 0.0);	(167916.7, 3909244.8, 108.8, 368.8, 0.0);
(167928.1, 3909223.0, 107.2, 368.8, 0.0);	(167939.6, 3909201.3, 104.6, 368.8, 0.0);
(167951.0, 3909179.5, 101.2, 368.8, 0.0);	(167962.4, 3909157.7, 98.9, 368.8, 0.0);
(167973.9, 3909136.0, 96.8, 368.8, 0.0);	(167985.3, 3909114.2, 95.1, 368.8, 0.0);
(167996.8, 3909092.4, 93.5, 368.8, 0.0);	(168008.2, 3909070.7, 92.2, 368.8, 0.0);
(168019.7, 3909048.9, 90.7, 368.8, 0.0);	(168031.1, 3909027.2, 89.2, 368.8, 0.0);
(168042.6, 3909005.4, 87.7, 368.8, 0.0);	(168054.0, 3908983.6, 86.3, 368.8, 0.0);
(167892.1, 3909475.1, 154.3, 368.8, 0.0);	(167870.7, 3909484.7, 152.4, 368.8, 0.0);
(167849.3, 3909494.3, 147.6, 368.8, 0.0);	(167827.9, 3909503.9, 141.0, 368.8, 0.0);
(167806.4, 3909513.5, 133.8, 368.8, 0.0);	(167785.0, 3909523.2, 126.5, 368.8, 0.0);
(167763.6, 3909532.8, 118.3, 368.8, 0.0);	(167742.2, 3909542.4, 111.2, 368.8, 0.0);
(167720.8, 3909552.0, 104.7, 368.8, 0.0);	(167699.3, 3909561.7, 99.5, 368.8, 0.0);
(167677.9, 3909571.3, 97.3, 368.8, 0.0);	(167656.5, 3909580.9, 95.2, 368.8, 0.0);
(167635.0, 3909590.5, 92.3, 368.8, 0.0);	(167613.6, 3909600.2, 89.5, 368.8, 0.0);
(167592.2, 3909609.8, 87.1, 368.8, 0.0);	(167570.8, 3909619.4, 85.1, 368.8, 0.0);
(167549.3, 3909629.0, 83.5, 368.8, 0.0);	(167527.9, 3909638.7, 81.3, 368.8, 0.0);
(167518.0, 3909600.2, 80.9, 368.8, 0.0);	(167385.3, 3909619.1, 72.1, 368.8, 0.0);
(167391.2, 3909575.1, 72.6, 368.8, 0.0);	(167376.8, 3909556.6, 72.0, 368.8, 0.0);
(167362.3, 3909538.1, 71.5, 368.8, 0.0);	(167347.8, 3909519.6, 70.9, 368.8, 0.0);
(167333.3, 3909501.1, 70.4, 368.8, 0.0);	(167318.8, 3909482.6, 69.8, 368.8, 0.0);
(167304.4, 3909464.1, 69.1, 368.8, 0.0);	(167289.9, 3909445.6, 68.5, 368.8, 0.0);
(167275.4, 3909427.1, 67.6, 368.8, 0.0);	(167260.9, 3909408.6, 67.0, 368.8, 0.0);
(167246.4, 3909390.1, 66.6, 368.8, 0.0);	(167232.0, 3909371.7, 66.1, 368.8, 0.0);
(167217.5, 3909353.2, 65.7, 368.8, 0.0);	(167203.0, 3909334.7, 65.2, 368.8, 0.0);
(167188.5, 3909316.2, 64.7, 368.8, 0.0);	(167174.0, 3909297.7, 64.2, 368.8, 0.0);
(167913.6, 3909465.4, 154.5, 368.8, 0.0);	(167925.0, 3909443.7, 152.5, 368.8, 0.0);
(167936.5, 3909421.9, 149.4, 368.8, 0.0);	(167947.9, 3909400.1, 145.1, 368.8, 0.0);
(167959.4, 3909378.4, 140.3, 368.8, 0.0);	(167970.8, 3909356.6, 135.0, 368.8, 0.0);
(167982.3, 3909334.9, 129.0, 368.8, 0.0);	(167993.7, 3909313.1, 122.8, 368.8, 0.0);
(168005.2, 3909291.3, 116.5, 368.8, 0.0);	(168016.6, 3909269.6, 110.6, 368.8, 0.0);
(168028.1, 3909247.8, 107.3, 368.8, 0.0);	(168039.5, 3909226.1, 104.8, 368.8, 0.0);
(168050.9, 3909204.3, 102.5, 368.8, 0.0);	(168062.4, 3909182.5, 100.3, 368.8, 0.0);
(168073.8, 3909160.8, 98.2, 368.8, 0.0);	(168085.3, 3909139.0, 96.6, 368.8, 0.0);
(168096.8, 3909117.2, 94.7, 368.8, 0.0);	(168108.2, 3909095.5, 92.8, 368.8, 0.0);
(168119.6, 3909073.7, 91.0, 368.8, 0.0);	(168131.1, 3909052.0, 89.5, 368.8, 0.0);
(168142.5, 3909030.2, 88.1, 368.8, 0.0);	(167980.4, 3909521.7, 142.8, 368.8, 0.0);
(167958.8, 3909531.4, 143.6, 368.8, 0.0);	(167937.2, 3909541.1, 144.5, 368.8, 0.0);
(167915.5, 3909550.9, 145.3, 368.8, 0.0);	(167893.9, 3909560.6, 144.0, 368.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(167872.3, 3909570.3, 140.7, 368.8, 0.0);	(167850.7, 3909580.0, 135.5, 368.8, 0.0);
(167829.0, 3909589.7, 128.6, 368.8, 0.0);	(167807.4, 3909599.4, 121.2, 368.8, 0.0);
(167785.8, 3909609.2, 113.5, 368.8, 0.0);	(167764.1, 3909618.9, 107.5, 368.8, 0.0);
(167742.5, 3909628.6, 102.5, 368.8, 0.0);	(167720.9, 3909638.3, 99.0, 368.8, 0.0);
(167699.2, 3909648.0, 96.3, 368.8, 0.0);	(167677.6, 3909657.7, 93.6, 368.8, 0.0);
(167656.0, 3909667.4, 91.0, 368.8, 0.0);	(167634.3, 3909677.2, 88.3, 368.8, 0.0);
(167612.7, 3909686.9, 86.4, 368.8, 0.0);	(167591.1, 3909696.6, 84.6, 368.8, 0.0);
(167569.5, 3909706.3, 82.4, 368.8, 0.0);	(167547.8, 3909716.0, 80.1, 368.8, 0.0);
(167482.9, 3909745.2, 74.4, 368.8, 0.0);	(167461.3, 3909754.9, 73.0, 368.8, 0.0);
(167425.1, 3909745.9, 71.3, 368.8, 0.0);	(167410.4, 3909727.3, 70.9, 368.8, 0.0);
(167395.8, 3909708.6, 70.8, 368.8, 0.0);	(167381.2, 3909689.9, 70.6, 368.8, 0.0);
(167366.6, 3909671.3, 70.4, 368.8, 0.0);	(167352.0, 3909652.6, 70.1, 368.8, 0.0);
(167337.3, 3909633.9, 69.7, 368.8, 0.0);	(167322.7, 3909615.2, 69.4, 368.8, 0.0);
(167308.1, 3909596.6, 69.2, 368.8, 0.0);	(167293.5, 3909577.9, 69.1, 368.8, 0.0);
(167278.9, 3909559.2, 68.9, 368.8, 0.0);	(167264.2, 3909540.6, 68.7, 368.8, 0.0);
(167249.6, 3909521.9, 68.2, 368.8, 0.0);	(167235.0, 3909503.2, 67.8, 368.8, 0.0);
(167220.4, 3909484.6, 67.1, 368.8, 0.0);	(167205.8, 3909465.9, 66.6, 368.8, 0.0);
(167191.1, 3909447.2, 66.0, 368.8, 0.0);	(167176.5, 3909428.6, 65.4, 368.8, 0.0);
(167161.9, 3909409.9, 64.8, 368.8, 0.0);	(167147.3, 3909391.2, 64.4, 368.8, 0.0);
(167132.7, 3909372.5, 63.9, 368.8, 0.0);	(167118.0, 3909353.9, 63.5, 368.8, 0.0);
(167103.4, 3909335.2, 63.0, 368.8, 0.0);	(167088.8, 3909316.5, 62.4, 368.8, 0.0);
(167074.2, 3909297.9, 61.9, 368.8, 0.0);	(168002.1, 3909512.0, 141.1, 368.8, 0.0);
(168013.5, 3909490.2, 141.9, 368.8, 0.0);	(168025.0, 3909468.5, 141.3, 368.8, 0.0);
(168036.4, 3909446.7, 139.7, 368.8, 0.0);	(168047.9, 3909424.9, 135.7, 368.8, 0.0);
(168059.3, 3909403.2, 131.2, 368.8, 0.0);	(168070.8, 3909381.4, 126.1, 368.8, 0.0);
(168082.2, 3909359.7, 121.6, 368.8, 0.0);	(168093.7, 3909337.9, 115.8, 368.8, 0.0);
(168105.1, 3909316.1, 110.6, 368.8, 0.0);	(168116.6, 3909294.4, 106.5, 368.8, 0.0);
(168128.0, 3909272.6, 103.0, 368.8, 0.0);	(168139.4, 3909250.9, 99.8, 368.8, 0.0);
(168150.9, 3909229.1, 97.6, 368.8, 0.0);	(168162.3, 3909207.3, 96.5, 368.8, 0.0);
(168173.8, 3909185.6, 95.5, 368.8, 0.0);	(168185.2, 3909163.8, 94.9, 368.8, 0.0);
(168196.7, 3909142.0, 94.0, 368.8, 0.0);	(168208.1, 3909120.3, 93.1, 368.8, 0.0);
(168219.6, 3909098.5, 92.0, 368.8, 0.0);	(168231.0, 3909076.8, 90.8, 368.8, 0.0);
(168068.8, 3909568.3, 115.7, 368.8, 0.0);	(168047.0, 3909578.1, 117.2, 368.8, 0.0);
(168025.3, 3909587.9, 117.5, 368.8, 0.0);	(168003.5, 3909597.7, 117.4, 368.8, 0.0);
(167981.7, 3909607.4, 118.1, 368.8, 0.0);	(167959.9, 3909617.2, 119.0, 368.8, 0.0);
(167938.2, 3909627.0, 119.1, 368.8, 0.0);	(167916.4, 3909636.8, 119.0, 368.8, 0.0);
(167894.6, 3909646.6, 117.6, 368.8, 0.0);	(167872.9, 3909656.3, 114.5, 368.8, 0.0);
(167851.1, 3909666.1, 110.2, 368.8, 0.0);	(167829.3, 3909675.9, 105.2, 368.8, 0.0);
(167807.6, 3909685.7, 100.4, 368.8, 0.0);	(167785.8, 3909695.5, 96.7, 368.8, 0.0);
(167764.0, 3909705.2, 94.2, 368.8, 0.0);	(167742.2, 3909715.0, 91.6, 368.8, 0.0);
(167720.5, 3909724.8, 89.3, 368.8, 0.0);	(167698.7, 3909734.6, 87.0, 368.8, 0.0);
(167676.9, 3909744.3, 85.2, 368.8, 0.0);	(167655.2, 3909754.1, 83.9, 368.8, 0.0);
(167633.4, 3909763.9, 82.7, 368.8, 0.0);	(167611.6, 3909773.7, 81.1, 368.8, 0.0);
(167524.5, 3909812.8, 74.5, 368.8, 0.0);	(167502.8, 3909822.6, 73.2, 368.8, 0.0);
(167481.0, 3909832.4, 72.0, 368.8, 0.0);	(167459.2, 3909842.1, 70.8, 368.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167437.5, 3909851.9,	69.7,	368.8,	0.0);	(167401.0, 3909842.9,	68.6,	368.8,	0.0);
(167386.3, 3909824.1,	68.1,	368.8,	0.0);	(167371.5, 3909805.3,	68.0,	368.8,	0.0);
(167356.8, 3909786.5,	67.8,	368.8,	0.0);	(167342.1, 3909767.7,	67.8,	368.8,	0.0);
(167327.4, 3909748.9,	67.8,	368.8,	0.0);	(167312.7, 3909730.2,	67.7,	368.8,	0.0);
(167298.0, 3909711.4,	67.7,	368.8,	0.0);	(167283.3, 3909692.6,	67.6,	368.8,	0.0);
(167268.6, 3909673.8,	67.4,	368.8,	0.0);	(167253.8, 3909655.0,	67.2,	368.8,	0.0);
(167239.1, 3909636.2,	67.1,	368.8,	0.0);	(167224.4, 3909617.4,	67.1,	368.8,	0.0);
(167209.7, 3909598.6,	67.0,	368.8,	0.0);	(167195.0, 3909579.8,	66.8,	368.8,	0.0);
(167180.3, 3909561.0,	66.4,	368.8,	0.0);	(167165.6, 3909542.3,	65.8,	368.8,	0.0);
(167150.8, 3909523.5,	65.2,	368.8,	0.0);	(167136.1, 3909504.7,	64.5,	368.8,	0.0);
(167121.4, 3909485.9,	63.9,	368.8,	0.0);	(167106.7, 3909467.1,	63.5,	368.8,	0.0);
(167092.0, 3909448.3,	63.1,	368.8,	0.0);	(167077.3, 3909429.5,	62.8,	368.8,	0.0);
(167062.6, 3909410.7,	62.4,	368.8,	0.0);	(167047.8, 3909391.9,	62.1,	368.8,	0.0);
(167033.1, 3909373.1,	61.8,	368.8,	0.0);	(167018.4, 3909354.4,	61.5,	368.8,	0.0);
(167003.7, 3909335.6,	61.3,	368.8,	0.0);	(166989.0, 3909316.8,	60.9,	368.8,	0.0);
(166974.3, 3909298.0,	60.5,	368.8,	0.0);	(168090.6, 3909558.5,	114.1,	368.8,	0.0);
(168102.0, 3909536.8,	116.3,	368.8,	0.0);	(168113.5, 3909515.0,	118.5,	368.8,	0.0);
(168124.9, 3909493.3,	119.3,	368.8,	0.0);	(168136.4, 3909471.5,	119.1,	368.8,	0.0);
(168147.8, 3909449.8,	118.2,	368.8,	0.0);	(168159.3, 3909428.0,	115.6,	368.8,	0.0);
(168170.7, 3909406.2,	112.5,	368.8,	0.0);	(168182.2, 3909384.5,	109.7,	368.8,	0.0);
(168193.6, 3909362.7,	108.1,	368.8,	0.0);	(168205.1, 3909340.9,	106.3,	368.8,	0.0);
(168216.5, 3909319.2,	104.2,	368.8,	0.0);	(168227.9, 3909297.4,	102.0,	368.8,	0.0);
(168239.4, 3909275.6,	100.6,	368.8,	0.0);	(168250.8, 3909253.9,	99.6,	368.8,	0.0);
(168262.3, 3909232.1,	98.3,	368.8,	0.0);	(168273.8, 3909210.4,	97.3,	368.8,	0.0);
(168285.2, 3909188.6,	96.7,	368.8,	0.0);	(168296.6, 3909166.8,	95.9,	368.8,	0.0);
(168308.1, 3909145.1,	95.4,	368.8,	0.0);	(168319.5, 3909123.3,	95.0,	368.8,	0.0);
(168157.2, 3909614.9,	107.6,	368.8,	0.0);	(168135.3, 3909624.8,	105.7,	368.8,	0.0);
(168113.5, 3909634.6,	103.8,	368.8,	0.0);	(168091.6, 3909644.4,	103.0,	368.8,	0.0);
(168069.7, 3909654.2,	102.4,	368.8,	0.0);	(168047.8, 3909664.1,	101.5,	368.8,	0.0);
(168026.0, 3909673.9,	100.8,	368.8,	0.0);	(168004.1, 3909683.7,	100.3,	368.8,	0.0);
(167982.2, 3909693.5,	99.6,	368.8,	0.0);	(167960.4, 3909703.3,	98.8,	368.8,	0.0);
(167938.5, 3909713.2,	97.9,	368.8,	0.0);	(167916.6, 3909723.0,	97.0,	368.8,	0.0);
(167894.8, 3909732.8,	95.7,	368.8,	0.0);	(167872.9, 3909742.6,	94.6,	368.8,	0.0);
(167851.0, 3909752.5,	93.2,	368.8,	0.0);	(167829.1, 3909762.3,	91.4,	368.8,	0.0);
(167807.3, 3909772.1,	89.6,	368.8,	0.0);	(167785.4, 3909781.9,	87.8,	368.8,	0.0);
(167763.5, 3909791.8,	86.0,	368.8,	0.0);	(167741.6, 3909801.6,	84.4,	368.8,	0.0);
(167719.8, 3909811.4,	82.7,	368.8,	0.0);	(167697.9, 3909821.2,	81.1,	368.8,	0.0);
(167676.0, 3909831.1,	79.9,	368.8,	0.0);	(167654.2, 3909840.9,	79.1,	368.8,	0.0);
(167566.7, 3909880.2,	75.4,	368.8,	0.0);	(167544.8, 3909890.0,	74.5,	368.8,	0.0);
(167522.9, 3909899.8,	73.0,	368.8,	0.0);	(167501.1, 3909909.7,	70.6,	368.8,	0.0);
(167479.2, 3909919.5,	68.7,	368.8,	0.0);	(167457.3, 3909929.3,	67.9,	368.8,	0.0);
(167435.5, 3909939.1,	67.7,	368.8,	0.0);	(167413.6, 3909948.9,	67.6,	368.8,	0.0);
(167376.9, 3909939.9,	67.4,	368.8,	0.0);	(167362.1, 3909921.0,	67.4,	368.8,	0.0);
(167347.4, 3909902.1,	67.4,	368.8,	0.0);	(167332.6, 3909883.3,	67.2,	368.8,	0.0);
(167317.8, 3909864.4,	67.1,	368.8,	0.0);	(167303.0, 3909845.5,	67.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167288.2, 3909826.6,	67.0,	368.8,	0.0);	(167273.5, 3909807.8,	66.9,	368.8,	0.0);
(167258.7, 3909788.9,	66.8,	368.8,	0.0);	(167243.9, 3909770.0,	66.7,	368.8,	0.0);
(167229.1, 3909751.1,	66.5,	368.8,	0.0);	(167214.3, 3909732.2,	66.4,	368.8,	0.0);
(167199.5, 3909713.4,	66.2,	368.8,	0.0);	(167184.8, 3909694.5,	65.9,	368.8,	0.0);
(167170.0, 3909675.6,	65.8,	368.8,	0.0);	(167155.2, 3909656.7,	65.6,	368.8,	0.0);
(167140.4, 3909637.9,	65.2,	368.8,	0.0);	(167125.6, 3909619.0,	64.6,	368.8,	0.0);
(167110.9, 3909600.1,	63.9,	368.8,	0.0);	(167096.1, 3909581.2,	63.3,	368.8,	0.0);
(167081.3, 3909562.4,	62.9,	368.8,	0.0);	(167066.5, 3909543.5,	62.4,	368.8,	0.0);
(167051.7, 3909524.6,	62.0,	368.8,	0.0);	(167036.9, 3909505.7,	61.7,	368.8,	0.0);
(167022.2, 3909486.8,	61.4,	368.8,	0.0);	(167007.4, 3909468.0,	61.2,	368.8,	0.0);
(166992.6, 3909449.1,	61.0,	368.8,	0.0);	(166977.8, 3909430.2,	60.9,	368.8,	0.0);
(166963.0, 3909411.3,	60.7,	368.8,	0.0);	(166948.3, 3909392.5,	60.6,	368.8,	0.0);
(166933.5, 3909373.6,	60.5,	368.8,	0.0);	(166918.7, 3909354.7,	60.4,	368.8,	0.0);
(166903.9, 3909335.8,	60.2,	368.8,	0.0);	(166889.1, 3909316.9,	60.1,	368.8,	0.0);
(166874.3, 3909298.1,	59.8,	368.8,	0.0);	(168179.1, 3909605.1,	109.2,	368.8,	0.0);
(168190.5, 3909583.3,	110.0,	368.8,	0.0);	(168202.0, 3909561.6,	110.9,	368.8,	0.0);
(168213.4, 3909539.8,	111.4,	368.8,	0.0);	(168224.9, 3909518.1,	111.8,	368.8,	0.0);
(168236.3, 3909496.3,	111.9,	368.8,	0.0);	(168247.8, 3909474.5,	111.9,	368.8,	0.0);
(168259.2, 3909452.8,	111.1,	368.8,	0.0);	(168270.7, 3909431.0,	110.5,	368.8,	0.0);
(168282.1, 3909409.3,	109.9,	368.8,	0.0);	(168293.6, 3909387.5,	108.9,	368.8,	0.0);
(168305.0, 3909365.7,	108.0,	368.8,	0.0);	(168316.4, 3909344.0,	107.6,	368.8,	0.0);
(168327.9, 3909322.2,	106.4,	368.8,	0.0);	(168339.3, 3909300.4,	105.2,	368.8,	0.0);
(168350.8, 3909278.7,	104.1,	368.8,	0.0);	(168362.2, 3909256.9,	102.9,	368.8,	0.0);
(168373.7, 3909235.2,	101.4,	368.8,	0.0);	(168385.1, 3909213.4,	100.0,	368.8,	0.0);
(168396.6, 3909191.6,	99.0,	368.8,	0.0);	(168408.0, 3909169.9,	99.1,	368.8,	0.0);
(167787.0, 3908808.0,	76.1,	368.8,	0.0);	(167754.4, 3908835.9,	75.9,	368.8,	0.0);
(167733.5, 3908848.9,	75.6,	368.8,	0.0);	(167712.6, 3908862.0,	74.8,	368.8,	0.0);
(167691.7, 3908875.1,	74.0,	368.8,	0.0);	(167670.8, 3908888.2,	73.1,	368.8,	0.0);
(167762.0, 3908801.6,	74.2,	368.8,	0.0);	(167741.1, 3908814.7,	74.1,	368.8,	0.0);
(167720.2, 3908827.8,	74.0,	368.8,	0.0);	(167699.3, 3908840.8,	73.4,	368.8,	0.0);
(167678.4, 3908853.9,	72.8,	368.8,	0.0);	(167657.5, 3908867.0,	72.1,	368.8,	0.0);
(167794.1, 3908784.7,	75.2,	368.8,	0.0);	(167816.8, 3908786.8,	77.5,	368.8,	0.0);
(167748.7, 3908780.4,	73.0,	368.8,	0.0);	(167727.8, 3908793.5,	73.0,	368.8,	0.0);
(167706.9, 3908806.6,	72.8,	368.8,	0.0);	(167686.0, 3908819.6,	72.3,	368.8,	0.0);
(167665.1, 3908832.7,	71.7,	368.8,	0.0);	(167644.2, 3908845.8,	71.0,	368.8,	0.0);
(167783.9, 3908763.8,	74.1,	368.8,	0.0);	(167808.1, 3908766.1,	75.5,	368.8,	0.0);
(167868.8, 3908842.6,	86.9,	368.8,	0.0);	(167735.5, 3908759.2,	72.8,	368.8,	0.0);
(167714.6, 3908772.3,	72.3,	368.8,	0.0);	(167693.7, 3908785.4,	71.9,	368.8,	0.0);
(167672.8, 3908798.5,	71.4,	368.8,	0.0);	(167651.9, 3908811.5,	70.8,	368.8,	0.0);
(167631.0, 3908824.6,	70.0,	368.8,	0.0);	(167731.6, 3908719.0,	73.3,	368.8,	0.0);
(167754.3, 3908721.1,	74.0,	368.8,	0.0);	(167777.0, 3908723.3,	74.8,	368.8,	0.0);
(167799.8, 3908725.4,	75.3,	368.8,	0.0);	(167822.4, 3908727.6,	76.5,	368.8,	0.0);
(167845.1, 3908729.7,	78.2,	368.8,	0.0);	(167902.1, 3908801.4,	85.4,	368.8,	0.0);
(167905.9, 3908823.9,	86.3,	368.8,	0.0);	(167909.8, 3908846.4,	87.9,	368.8,	0.0);
(167913.6, 3908868.9,	90.5,	368.8,	0.0);	(167917.4, 3908891.3,	93.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167708.9, 3908716.8,	72.7,	368.8,	0.0);	(167688.0, 3908729.9,	71.9,	368.8,	0.0);
(167667.1, 3908743.0,	71.0,	368.8,	0.0);	(167646.2, 3908756.1,	70.1,	368.8,	0.0);
(167625.3, 3908769.2,	69.4,	368.8,	0.0);	(167604.4, 3908782.2,	68.5,	368.8,	0.0);
(167706.6, 3908676.7,	73.4,	368.8,	0.0);	(167730.8, 3908679.0,	73.9,	368.8,	0.0);
(167755.0, 3908681.3,	74.3,	368.8,	0.0);	(167779.3, 3908683.6,	75.1,	368.8,	0.0);
(167803.5, 3908685.9,	76.3,	368.8,	0.0);	(167827.7, 3908688.2,	77.4,	368.8,	0.0);
(167851.9, 3908690.5,	78.8,	368.8,	0.0);	(167876.1, 3908692.8,	80.3,	368.8,	0.0);
(167900.3, 3908695.0,	81.2,	368.8,	0.0);	(167936.8, 3908769.3,	83.1,	368.8,	0.0);
(167940.9, 3908793.2,	84.2,	368.8,	0.0);	(167945.0, 3908817.2,	85.0,	368.8,	0.0);
(167949.1, 3908841.2,	85.8,	368.8,	0.0);	(167953.2, 3908865.2,	86.5,	368.8,	0.0);
(167957.3, 3908889.1,	87.4,	368.8,	0.0);	(167961.4, 3908913.1,	87.9,	368.8,	0.0);
(167682.4, 3908674.4,	72.5,	368.8,	0.0);	(167661.5, 3908687.5,	71.5,	368.8,	0.0);
(167640.6, 3908700.6,	70.3,	368.8,	0.0);	(167619.7, 3908713.7,	69.2,	368.8,	0.0);
(167598.8, 3908726.8,	67.9,	368.8,	0.0);	(167577.9, 3908739.9,	67.7,	368.8,	0.0);
(167679.2, 3908634.3,	72.6,	368.8,	0.0);	(167702.4, 3908636.5,	73.6,	368.8,	0.0);
(167725.7, 3908638.7,	74.3,	368.8,	0.0);	(167749.0, 3908640.9,	75.1,	368.8,	0.0);
(167772.3, 3908643.1,	75.8,	368.8,	0.0);	(167795.6, 3908645.3,	76.4,	368.8,	0.0);
(167818.9, 3908647.5,	77.3,	368.8,	0.0);	(167842.1, 3908649.7,	78.7,	368.8,	0.0);
(167865.4, 3908651.9,	80.4,	368.8,	0.0);	(167888.7, 3908654.1,	82.4,	368.8,	0.0);
(167912.0, 3908656.3,	83.8,	368.8,	0.0);	(167935.3, 3908658.5,	83.8,	368.8,	0.0);
(167974.3, 3908752.9,	81.5,	368.8,	0.0);	(167978.3, 3908775.9,	82.5,	368.8,	0.0);
(167982.2, 3908799.0,	83.2,	368.8,	0.0);	(167986.1, 3908822.0,	83.9,	368.8,	0.0);
(167990.1, 3908845.1,	84.5,	368.8,	0.0);	(167994.0, 3908868.2,	84.9,	368.8,	0.0);
(167998.0, 3908891.2,	85.0,	368.8,	0.0);	(168001.9, 3908914.3,	85.2,	368.8,	0.0);
(168005.8, 3908937.3,	85.6,	368.8,	0.0);	(167655.9, 3908632.1,	71.7,	368.8,	0.0);
(167635.0, 3908645.2,	70.7,	368.8,	0.0);	(167614.1, 3908658.2,	69.7,	368.8,	0.0);
(167593.2, 3908671.3,	68.8,	368.8,	0.0);	(167572.3, 3908684.4,	68.0,	368.8,	0.0);
(167551.4, 3908697.5,	67.2,	368.8,	0.0);	(167653.6, 3908592.0,	71.8,	368.8,	0.0);
(167677.8, 3908594.3,	72.5,	368.8,	0.0);	(167702.0, 3908596.6,	73.4,	368.8,	0.0);
(167726.2, 3908598.8,	74.1,	368.8,	0.0);	(167750.4, 3908601.1,	75.0,	368.8,	0.0);
(167774.6, 3908603.4,	75.7,	368.8,	0.0);	(167798.8, 3908605.7,	76.5,	368.8,	0.0);
(167823.1, 3908608.0,	77.5,	368.8,	0.0);	(167847.3, 3908610.3,	79.1,	368.8,	0.0);
(167871.5, 3908612.6,	81.1,	368.8,	0.0);	(167895.7, 3908614.9,	83.4,	368.8,	0.0);
(167919.9, 3908617.2,	85.2,	368.8,	0.0);	(167944.1, 3908619.4,	86.0,	368.8,	0.0);
(167968.3, 3908621.7,	83.6,	368.8,	0.0);	(167996.7, 3908648.0,	78.7,	368.8,	0.0);
(168000.8, 3908672.0,	78.6,	368.8,	0.0);	(168004.9, 3908695.9,	78.9,	368.8,	0.0);
(168009.0, 3908719.9,	79.6,	368.8,	0.0);	(168013.0, 3908743.9,	80.4,	368.8,	0.0);
(168017.1, 3908767.9,	81.3,	368.8,	0.0);	(168021.2, 3908791.8,	82.2,	368.8,	0.0);
(168025.3, 3908815.8,	82.8,	368.8,	0.0);	(168029.4, 3908839.8,	83.1,	368.8,	0.0);
(168033.5, 3908863.8,	83.5,	368.8,	0.0);	(168037.6, 3908887.8,	84.0,	368.8,	0.0);
(168041.7, 3908911.7,	84.4,	368.8,	0.0);	(168045.8, 3908935.7,	85.0,	368.8,	0.0);
(168049.9, 3908959.7,	85.6,	368.8,	0.0);	(167629.3, 3908589.7,	71.0,	368.8,	0.0);
(167608.4, 3908602.8,	70.2,	368.8,	0.0);	(167587.5, 3908615.9,	69.2,	368.8,	0.0);
(167566.6, 3908628.9,	68.6,	368.8,	0.0);	(167545.8, 3908642.0,	67.9,	368.8,	0.0);
(167524.8, 3908655.1,	67.3,	368.8,	0.0);	(167600.5, 3908507.2,	72.4,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167624.7, 3908509.5,	72.5,	368.8,	0.0);	(167648.9, 3908511.8,	72.6,	368.8,	0.0);
(167673.1, 3908514.1,	72.7,	368.8,	0.0);	(167697.3, 3908516.4,	73.0,	368.8,	0.0);
(167721.6, 3908518.7,	73.6,	368.8,	0.0);	(167745.8, 3908521.0,	74.3,	368.8,	0.0);
(167770.0, 3908523.2,	75.1,	368.8,	0.0);	(167794.2, 3908525.5,	76.1,	368.8,	0.0);
(167818.4, 3908527.8,	76.7,	368.8,	0.0);	(167842.6, 3908530.1,	77.1,	368.8,	0.0);
(167866.8, 3908532.4,	77.6,	368.8,	0.0);	(167891.1, 3908534.7,	77.8,	368.8,	0.0);
(167915.3, 3908537.0,	77.7,	368.8,	0.0);	(167939.5, 3908539.3,	77.2,	368.8,	0.0);
(167963.7, 3908541.6,	76.2,	368.8,	0.0);	(167987.9, 3908543.8,	75.0,	368.8,	0.0);
(168012.1, 3908546.1,	74.1,	368.8,	0.0);	(168036.3, 3908548.4,	73.5,	368.8,	0.0);
(168064.7, 3908574.7,	73.8,	368.8,	0.0);	(168068.8, 3908598.7,	74.7,	368.8,	0.0);
(168072.9, 3908622.6,	75.5,	368.8,	0.0);	(168077.0, 3908646.6,	75.3,	368.8,	0.0);
(168081.1, 3908670.6,	75.3,	368.8,	0.0);	(168085.2, 3908694.6,	75.8,	368.8,	0.0);
(168089.3, 3908718.5,	76.9,	368.8,	0.0);	(168093.4, 3908742.5,	78.5,	368.8,	0.0);
(168097.5, 3908766.5,	80.0,	368.8,	0.0);	(168101.5, 3908790.5,	80.9,	368.8,	0.0);
(168105.6, 3908814.4,	81.7,	368.8,	0.0);	(168109.8, 3908838.4,	82.3,	368.8,	0.0);
(168113.8, 3908862.4,	82.9,	368.8,	0.0);	(168117.9, 3908886.4,	83.3,	368.8,	0.0);
(168122.0, 3908910.3,	83.8,	368.8,	0.0);	(168126.1, 3908934.3,	84.5,	368.8,	0.0);
(168130.2, 3908958.3,	85.1,	368.8,	0.0);	(168134.3, 3908982.3,	85.9,	368.8,	0.0);
(168138.4, 3909006.2,	87.0,	368.8,	0.0);	(168142.5, 3909030.2,	87.3,	368.8,	0.0);
(167555.4, 3908518.0,	71.9,	368.8,	0.0);	(167534.5, 3908531.1,	71.2,	368.8,	0.0);
(167513.6, 3908544.2,	70.5,	368.8,	0.0);	(167492.7, 3908557.3,	69.9,	368.8,	0.0);
(167471.8, 3908570.4,	69.2,	368.8,	0.0);	(167547.4, 3908422.5,	77.6,	368.8,	0.0);
(167571.6, 3908424.8,	76.9,	368.8,	0.0);	(167595.8, 3908427.0,	76.5,	368.8,	0.0);
(167620.1, 3908429.3,	76.1,	368.8,	0.0);	(167644.3, 3908431.6,	75.8,	368.8,	0.0);
(167668.5, 3908433.9,	75.3,	368.8,	0.0);	(167692.7, 3908436.2,	74.7,	368.8,	0.0);
(167716.9, 3908438.5,	74.1,	368.8,	0.0);	(167741.1, 3908440.8,	74.0,	368.8,	0.0);
(167765.4, 3908443.1,	74.5,	368.8,	0.0);	(167789.6, 3908445.3,	75.4,	368.8,	0.0);
(167813.8, 3908447.6,	75.8,	368.8,	0.0);	(167838.0, 3908449.9,	75.9,	368.8,	0.0);
(167862.2, 3908452.2,	75.7,	368.8,	0.0);	(167886.4, 3908454.5,	75.3,	368.8,	0.0);
(167910.6, 3908456.8,	75.0,	368.8,	0.0);	(167934.9, 3908459.1,	74.5,	368.8,	0.0);
(167959.1, 3908461.4,	74.1,	368.8,	0.0);	(167983.3, 3908463.7,	73.7,	368.8,	0.0);
(168007.5, 3908465.9,	73.4,	368.8,	0.0);	(168031.7, 3908468.2,	73.0,	368.8,	0.0);
(168055.9, 3908470.5,	72.7,	368.8,	0.0);	(168080.1, 3908472.8,	72.5,	368.8,	0.0);
(168104.4, 3908475.1,	72.3,	368.8,	0.0);	(168128.5, 3908477.3,	72.0,	368.8,	0.0);
(168136.8, 3908525.3,	72.8,	368.8,	0.0);	(168140.9, 3908549.3,	73.3,	368.8,	0.0);
(168145.0, 3908573.3,	73.5,	368.8,	0.0);	(168149.1, 3908597.3,	73.6,	368.8,	0.0);
(168153.2, 3908621.2,	73.9,	368.8,	0.0);	(168157.3, 3908645.2,	74.8,	368.8,	0.0);
(168161.4, 3908669.2,	76.0,	368.8,	0.0);	(168165.5, 3908693.2,	77.1,	368.8,	0.0);
(168169.6, 3908717.1,	78.2,	368.8,	0.0);	(168173.7, 3908741.1,	79.4,	368.8,	0.0);
(168177.8, 3908765.1,	80.9,	368.8,	0.0);	(168181.9, 3908789.1,	82.0,	368.8,	0.0);
(168186.0, 3908813.0,	82.6,	368.8,	0.0);	(168190.0, 3908837.0,	83.1,	368.8,	0.0);
(168194.1, 3908861.0,	83.6,	368.8,	0.0);	(168198.2, 3908885.0,	84.3,	368.8,	0.0);
(168202.3, 3908908.9,	85.1,	368.8,	0.0);	(168206.4, 3908932.9,	85.9,	368.8,	0.0);
(168210.5, 3908956.9,	86.5,	368.8,	0.0);	(168214.6, 3908980.9,	86.9,	368.8,	0.0);
(168218.7, 3909004.8,	87.0,	368.8,	0.0);	(168222.8, 3909028.8,	88.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(168226.9, 3909052.8,	89.3,	368.8,	0.0);	(167523.2, 3908420.2,	78.5,	368.8,	0.0);
(167502.3, 3908433.3,	77.6,	368.8,	0.0);	(167481.4, 3908446.3,	76.2,	368.8,	0.0);
(167460.5, 3908459.4,	75.4,	368.8,	0.0);	(167439.6, 3908472.5,	74.5,	368.8,	0.0);
(167418.7, 3908485.6,	73.7,	368.8,	0.0);	(167494.4, 3908337.7,	87.2,	368.8,	0.0);
(167518.6, 3908340.0,	85.8,	368.8,	0.0);	(167542.8, 3908342.3,	84.3,	368.8,	0.0);
(167567.0, 3908344.6,	82.8,	368.8,	0.0);	(167591.2, 3908346.9,	81.4,	368.8,	0.0);
(167615.4, 3908349.1,	80.2,	368.8,	0.0);	(167639.6, 3908351.4,	79.4,	368.8,	0.0);
(167663.9, 3908353.7,	78.5,	368.8,	0.0);	(167688.1, 3908356.0,	77.8,	368.8,	0.0);
(167712.3, 3908358.3,	77.3,	368.8,	0.0);	(167736.5, 3908360.6,	77.1,	368.8,	0.0);
(167760.7, 3908362.9,	76.9,	368.8,	0.0);	(167784.9, 3908365.2,	76.7,	368.8,	0.0);
(167809.1, 3908367.5,	76.4,	368.8,	0.0);	(167833.4, 3908369.8,	75.8,	368.8,	0.0);
(167857.6, 3908372.0,	75.2,	368.8,	0.0);	(167881.8, 3908374.3,	74.5,	368.8,	0.0);
(167906.0, 3908376.6,	74.0,	368.8,	0.0);	(167930.2, 3908378.9,	73.5,	368.8,	0.0);
(167954.4, 3908381.2,	73.2,	368.8,	0.0);	(167978.6, 3908383.5,	72.9,	368.8,	0.0);
(168002.9, 3908385.8,	72.6,	368.8,	0.0);	(168027.1, 3908388.1,	72.2,	368.8,	0.0);
(168051.3, 3908390.3,	71.9,	368.8,	0.0);	(168075.5, 3908392.6,	71.7,	368.8,	0.0);
(168099.7, 3908394.9,	71.5,	368.8,	0.0);	(168123.9, 3908397.2,	71.2,	368.8,	0.0);
(168148.1, 3908399.5,	71.0,	368.8,	0.0);	(168172.4, 3908401.8,	70.9,	368.8,	0.0);
(168200.7, 3908428.1,	71.3,	368.8,	0.0);	(168204.8, 3908452.0,	71.8,	368.8,	0.0);
(168208.9, 3908476.0,	72.1,	368.8,	0.0);	(168213.0, 3908500.0,	72.6,	368.8,	0.0);
(168217.1, 3908524.0,	73.2,	368.8,	0.0);	(168221.2, 3908547.9,	73.8,	368.8,	0.0);
(168225.3, 3908571.9,	74.5,	368.8,	0.0);	(168229.4, 3908595.9,	75.1,	368.8,	0.0);
(168233.5, 3908619.8,	76.0,	368.8,	0.0);	(168237.6, 3908643.8,	77.1,	368.8,	0.0);
(168241.7, 3908667.8,	78.5,	368.8,	0.0);	(168245.8, 3908691.8,	80.0,	368.8,	0.0);
(168249.9, 3908715.8,	81.4,	368.8,	0.0);	(168254.0, 3908739.7,	82.7,	368.8,	0.0);
(168258.1, 3908763.7,	83.9,	368.8,	0.0);	(168262.2, 3908787.7,	84.9,	368.8,	0.0);
(168266.3, 3908811.6,	85.7,	368.8,	0.0);	(168270.4, 3908835.6,	86.2,	368.8,	0.0);
(168274.5, 3908859.6,	86.4,	368.8,	0.0);	(168278.5, 3908883.6,	86.3,	368.8,	0.0);
(168282.6, 3908907.5,	86.2,	368.8,	0.0);	(168286.8, 3908931.5,	86.8,	368.8,	0.0);
(168290.8, 3908955.5,	87.9,	368.8,	0.0);	(168294.9, 3908979.5,	89.2,	368.8,	0.0);
(168299.0, 3909003.4,	90.5,	368.8,	0.0);	(168303.1, 3909027.4,	91.6,	368.8,	0.0);
(168307.2, 3909051.4,	92.7,	368.8,	0.0);	(168311.3, 3909075.4,	93.6,	368.8,	0.0);
(168315.4, 3909099.3,	94.5,	368.8,	0.0);	(167470.1, 3908335.4,	87.9,	368.8,	0.0);
(167449.2, 3908348.5,	86.7,	368.8,	0.0);	(167428.3, 3908361.6,	85.0,	368.8,	0.0);
(167407.4, 3908374.7,	83.5,	368.8,	0.0);	(167386.5, 3908387.8,	82.7,	368.8,	0.0);
(167365.6, 3908400.8,	82.5,	368.8,	0.0);	(167441.3, 3908252.9,	91.9,	359.3,	0.0);
(167465.5, 3908255.2,	89.8,	368.8,	0.0);	(167489.7, 3908257.5,	87.7,	368.8,	0.0);
(167513.9, 3908259.8,	85.9,	368.8,	0.0);	(167538.1, 3908262.1,	84.9,	368.8,	0.0);
(167562.4, 3908264.4,	83.9,	368.8,	0.0);	(167586.6, 3908266.7,	82.9,	368.8,	0.0);
(167610.8, 3908269.0,	82.2,	368.8,	0.0);	(167635.0, 3908271.3,	81.5,	368.8,	0.0);
(167659.2, 3908273.5,	80.8,	368.8,	0.0);	(167683.4, 3908275.8,	80.0,	368.8,	0.0);
(167707.6, 3908278.1,	79.2,	368.8,	0.0);	(167731.9, 3908280.4,	78.5,	368.8,	0.0);
(167756.1, 3908282.7,	77.8,	368.8,	0.0);	(167780.3, 3908285.0,	77.1,	368.8,	0.0);
(167804.5, 3908287.3,	76.6,	368.8,	0.0);	(167828.7, 3908289.6,	76.1,	368.8,	0.0);
(167852.9, 3908291.9,	75.4,	368.8,	0.0);	(167877.1, 3908294.1,	74.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167901.4, 3908296.4,	74.0,	368.8,	0.0);	(167925.6, 3908298.7,	73.5,	368.8,	0.0);
(167949.8, 3908301.0,	73.0,	368.8,	0.0);	(167974.0, 3908303.3,	72.5,	368.8,	0.0);
(167998.2, 3908305.6,	72.0,	368.8,	0.0);	(168022.4, 3908307.9,	71.5,	368.8,	0.0);
(168046.7, 3908310.2,	71.1,	368.8,	0.0);	(168070.9, 3908312.5,	70.8,	368.8,	0.0);
(168095.1, 3908314.8,	70.5,	368.8,	0.0);	(168119.3, 3908317.0,	70.2,	368.8,	0.0);
(168143.5, 3908319.3,	69.9,	368.8,	0.0);	(168167.7, 3908321.6,	69.7,	368.8,	0.0);
(168191.9, 3908323.9,	69.4,	368.8,	0.0);	(168216.2, 3908326.2,	69.8,	368.8,	0.0);
(168240.4, 3908328.5,	70.5,	368.8,	0.0);	(168268.7, 3908354.7,	72.0,	368.8,	0.0);
(168272.8, 3908378.7,	72.6,	368.8,	0.0);	(168276.9, 3908402.7,	73.1,	368.8,	0.0);
(168281.0, 3908426.7,	73.5,	368.8,	0.0);	(168285.1, 3908450.6,	73.4,	368.8,	0.0);
(168289.2, 3908474.6,	73.3,	368.8,	0.0);	(168293.3, 3908498.6,	73.5,	368.8,	0.0);
(168297.4, 3908522.6,	74.0,	368.8,	0.0);	(168301.5, 3908546.5,	74.9,	368.8,	0.0);
(168305.6, 3908570.5,	75.7,	368.8,	0.0);	(168309.7, 3908594.5,	76.6,	368.8,	0.0);
(168313.8, 3908618.5,	77.5,	368.8,	0.0);	(168317.9, 3908642.4,	78.6,	368.8,	0.0);
(168322.0, 3908666.4,	80.1,	368.8,	0.0);	(168326.1, 3908690.4,	82.0,	368.8,	0.0);
(168330.2, 3908714.4,	83.9,	368.8,	0.0);	(168334.3, 3908738.3,	85.4,	368.8,	0.0);
(168338.4, 3908762.3,	86.5,	368.8,	0.0);	(168342.5, 3908786.3,	87.0,	368.8,	0.0);
(168346.6, 3908810.3,	87.2,	368.8,	0.0);	(168350.7, 3908834.2,	87.5,	368.8,	0.0);
(168354.8, 3908858.2,	88.0,	368.8,	0.0);	(168358.9, 3908882.2,	88.5,	368.8,	0.0);
(168363.0, 3908906.2,	89.0,	368.8,	0.0);	(168367.0, 3908930.1,	90.0,	368.8,	0.0);
(168371.1, 3908954.1,	91.2,	368.8,	0.0);	(168375.2, 3908978.1,	92.3,	368.8,	0.0);
(168379.3, 3909002.1,	93.5,	368.8,	0.0);	(168383.4, 3909026.0,	94.8,	368.8,	0.0);
(168387.5, 3909050.0,	96.1,	368.8,	0.0);	(168391.6, 3909074.0,	97.4,	368.8,	0.0);
(168395.7, 3909098.0,	98.4,	368.8,	0.0);	(168399.8, 3909121.9,	99.1,	368.8,	0.0);
(168403.9, 3909145.9,	98.9,	368.8,	0.0);	(167417.1, 3908250.7,	93.8,	359.3,	0.0);
(167396.2, 3908263.8,	94.2,	359.3,	0.0);	(167375.3, 3908276.8,	94.1,	359.3,	0.0);
(167354.4, 3908289.9,	93.7,	359.3,	0.0);	(167333.5, 3908303.0,	93.9,	359.3,	0.0);
(167312.6, 3908316.1,	94.5,	359.3,	0.0);	(167640.1, 3908885.5,	71.5,	368.8,	0.0);
(167628.9, 3908906.1,	71.2,	368.8,	0.0);	(167617.7, 3908926.8,	70.5,	368.8,	0.0);
(167618.2, 3908873.5,	70.0,	368.8,	0.0);	(167606.9, 3908894.2,	69.8,	368.8,	0.0);
(167595.7, 3908914.8,	69.4,	368.8,	0.0);	(167584.5, 3908935.5,	68.0,	368.8,	0.0);
(167573.2, 3908956.1,	68.6,	368.8,	0.0);	(167607.8, 3908849.3,	68.6,	368.8,	0.0);
(167585.0, 3908882.3,	68.6,	368.8,	0.0);	(167573.7, 3908902.9,	68.3,	368.8,	0.0);
(167562.5, 3908923.6,	67.7,	368.8,	0.0);	(167551.3, 3908944.2,	67.5,	368.8,	0.0);
(167540.0, 3908964.9,	68.1,	368.8,	0.0);	(167528.8, 3908985.5,	68.3,	368.8,	0.0);
(167517.6, 3909006.2,	68.6,	368.8,	0.0);	(167506.3, 3909026.8,	68.8,	368.8,	0.0);
(167495.1, 3909047.5,	68.9,	368.8,	0.0);	(167565.3, 3908823.8,	67.1,	368.8,	0.0);
(167541.0, 3908858.4,	66.1,	368.8,	0.0);	(167529.8, 3908879.0,	65.6,	368.8,	0.0);
(167518.6, 3908899.7,	65.4,	368.8,	0.0);	(167507.3, 3908920.3,	65.4,	368.8,	0.0);
(167496.1, 3908941.0,	65.4,	368.8,	0.0);	(167484.9, 3908961.6,	65.5,	368.8,	0.0);
(167473.6, 3908982.3,	65.6,	368.8,	0.0);	(167462.4, 3909002.9,	65.8,	368.8,	0.0);
(167451.2, 3909023.6,	66.0,	368.8,	0.0);	(167439.9, 3909044.2,	66.2,	368.8,	0.0);
(167522.3, 3908799.0,	64.8,	368.8,	0.0);	(167550.1, 3908769.4,	66.3,	368.8,	0.0);
(167497.1, 3908834.5,	63.4,	368.8,	0.0);	(167485.9, 3908855.1,	62.9,	368.8,	0.0);
(167474.7, 3908875.8,	62.8,	368.8,	0.0);	(167463.4, 3908896.4,	62.7,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167452.2, 3908917.1,	62.6,	368.8,	0.0);	(167441.0, 3908937.7,	62.6,	368.8,	0.0);
(167429.7, 3908958.4,	62.6,	368.8,	0.0);	(167418.5, 3908979.0,	63.0,	368.8,	0.0);
(167407.3, 3908999.7,	63.4,	368.8,	0.0);	(167396.0, 3909020.3,	63.7,	368.8,	0.0);
(167384.8, 3909041.0,	63.8,	368.8,	0.0);	(167478.9, 3908774.5,	63.5,	368.8,	0.0);
(167507.9, 3908743.7,	65.0,	368.8,	0.0);	(167453.2, 3908810.6,	62.2,	368.8,	0.0);
(167442.0, 3908831.2,	61.7,	368.8,	0.0);	(167430.7, 3908851.9,	61.1,	368.8,	0.0);
(167419.5, 3908872.5,	61.0,	368.8,	0.0);	(167408.3, 3908893.2,	61.0,	368.8,	0.0);
(167397.0, 3908913.8,	61.1,	368.8,	0.0);	(167385.8, 3908934.5,	61.1,	368.8,	0.0);
(167374.6, 3908955.1,	61.2,	368.8,	0.0);	(167363.3, 3908975.8,	61.4,	368.8,	0.0);
(167352.1, 3908996.4,	61.7,	368.8,	0.0);	(167340.9, 3909017.1,	62.0,	368.8,	0.0);
(167435.4, 3908750.2,	62.7,	368.8,	0.0);	(167465.2, 3908718.5,	64.1,	368.8,	0.0);
(167495.0, 3908686.8,	65.7,	368.8,	0.0);	(167409.3, 3908786.7,	61.5,	368.8,	0.0);
(167398.0, 3908807.3,	61.1,	368.8,	0.0);	(167386.8, 3908828.0,	60.8,	368.8,	0.0);
(167375.6, 3908848.6,	60.3,	368.8,	0.0);	(167364.3, 3908869.3,	60.2,	368.8,	0.0);
(167353.1, 3908889.9,	60.2,	368.8,	0.0);	(167341.9, 3908910.6,	60.2,	368.8,	0.0);
(167330.6, 3908931.2,	60.2,	368.8,	0.0);	(167319.4, 3908951.9,	60.2,	368.8,	0.0);
(167308.2, 3908972.5,	60.6,	368.8,	0.0);	(167296.9, 3908993.2,	60.9,	368.8,	0.0);
(167348.1, 3908701.8,	63.3,	368.8,	0.0);	(167379.0, 3908668.9,	64.8,	368.8,	0.0);
(167394.5, 3908652.5,	65.7,	368.8,	0.0);	(167410.0, 3908636.1,	66.6,	368.8,	0.0);
(167440.9, 3908603.2,	67.6,	368.8,	0.0);	(167456.3, 3908586.8,	68.5,	368.8,	0.0);
(167332.7, 3908718.2,	62.6,	368.8,	0.0);	(167321.4, 3908738.9,	61.6,	368.8,	0.0);
(167310.2, 3908759.5,	60.9,	368.8,	0.0);	(167299.0, 3908780.2,	60.4,	368.8,	0.0);
(167287.7, 3908800.8,	59.9,	368.8,	0.0);	(167276.5, 3908821.5,	59.4,	368.8,	0.0);
(167265.3, 3908842.1,	58.9,	368.8,	0.0);	(167254.0, 3908862.8,	58.5,	368.8,	0.0);
(167242.8, 3908883.5,	58.3,	368.8,	0.0);	(167231.6, 3908904.1,	58.2,	368.8,	0.0);
(167220.3, 3908924.8,	58.2,	368.8,	0.0);	(167209.1, 3908945.4,	58.5,	368.8,	0.0);
(167260.6, 3908653.7,	66.2,	368.8,	0.0);	(167276.4, 3908636.8,	67.2,	368.8,	0.0);
(167292.2, 3908620.0,	68.3,	368.8,	0.0);	(167308.1, 3908603.2,	69.4,	368.8,	0.0);
(167323.9, 3908586.4,	70.2,	368.8,	0.0);	(167339.7, 3908569.6,	70.8,	368.8,	0.0);
(167355.5, 3908552.8,	71.5,	368.8,	0.0);	(167371.3, 3908536.0,	72.1,	368.8,	0.0);
(167387.1, 3908519.2,	72.6,	368.8,	0.0);	(167402.9, 3908502.4,	73.2,	368.8,	0.0);
(167244.8, 3908670.5,	65.4,	368.8,	0.0);	(167233.6, 3908691.1,	64.3,	368.8,	0.0);
(167222.4, 3908711.8,	63.3,	368.8,	0.0);	(167211.1, 3908732.4,	62.1,	368.8,	0.0);
(167199.9, 3908753.1,	61.0,	368.8,	0.0);	(167188.7, 3908773.7,	59.8,	368.8,	0.0);
(167177.4, 3908794.4,	58.7,	368.8,	0.0);	(167166.2, 3908815.0,	57.6,	368.8,	0.0);
(167155.0, 3908835.7,	56.7,	368.8,	0.0);	(167143.7, 3908856.3,	55.9,	368.8,	0.0);
(167132.5, 3908877.0,	55.8,	368.8,	0.0);	(167121.3, 3908897.6,	56.2,	368.8,	0.0);
(167173.0, 3908605.6,	68.8,	368.8,	0.0);	(167189.1, 3908588.5,	70.6,	368.8,	0.0);
(167205.1, 3908571.5,	72.3,	368.8,	0.0);	(167221.2, 3908554.4,	73.6,	368.8,	0.0);
(167237.2, 3908537.4,	75.1,	368.8,	0.0);	(167253.3, 3908520.3,	76.3,	368.8,	0.0);
(167269.3, 3908503.2,	77.6,	368.8,	0.0);	(167285.4, 3908486.2,	78.7,	368.8,	0.0);
(167301.4, 3908469.1,	79.9,	368.8,	0.0);	(167317.5, 3908452.0,	80.7,	368.8,	0.0);
(167333.5, 3908435.0,	81.5,	368.8,	0.0);	(167349.6, 3908417.9,	82.1,	368.8,	0.0);
(167157.0, 3908622.7,	67.0,	368.8,	0.0);	(167145.8, 3908643.3,	64.6,	368.8,	0.0);
(167134.5, 3908664.0,	62.9,	368.8,	0.0);	(167123.3, 3908684.6,	61.5,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167112.0, 3908705.3,	60.7,	368.8,	0.0);	(167100.8, 3908725.9,	59.9,	368.8,	0.0);
(167089.6, 3908746.6,	59.1,	368.8,	0.0);	(167078.3, 3908767.2,	57.9,	368.8,	0.0);
(167067.1, 3908787.9,	56.9,	368.8,	0.0);	(167055.9, 3908808.5,	55.9,	368.8,	0.0);
(167044.6, 3908829.2,	54.9,	368.8,	0.0);	(167033.4, 3908849.8,	54.7,	368.8,	0.0);
(167084.4, 3908558.7,	74.0,	368.8,	0.0);	(167114.8, 3908526.4,	77.8,	368.8,	0.0);
(167145.2, 3908494.0,	82.3,	368.8,	0.0);	(167175.6, 3908461.7,	84.4,	368.8,	0.0);
(167206.1, 3908429.3,	88.2,	368.8,	0.0);	(167236.5, 3908397.0,	91.8,	359.3,	0.0);
(167266.9, 3908364.6,	93.8,	359.3,	0.0);	(167057.9, 3908595.5,	67.8,	368.8,	0.0);
(167046.7, 3908616.2,	64.9,	368.8,	0.0);	(167035.4, 3908636.8,	62.6,	368.8,	0.0);
(167024.2, 3908657.5,	61.1,	368.8,	0.0);	(167013.0, 3908678.1,	60.2,	368.8,	0.0);
(167001.7, 3908698.8,	59.4,	368.8,	0.0);	(166990.5, 3908719.4,	58.6,	368.8,	0.0);
(166979.3, 3908740.1,	57.9,	368.8,	0.0);	(166968.0, 3908760.8,	57.1,	368.8,	0.0);
(166956.8, 3908781.4,	56.3,	368.8,	0.0);	(166945.6, 3908802.0,	54.9,	368.8,	0.0);
(167371.9, 3909070.6,	64.2,	368.8,	0.0);	(167324.5, 3909054.7,	62.8,	368.8,	0.0);
(167277.1, 3909038.8,	61.7,	368.8,	0.0);	(167287.0, 3909016.0,	61.3,	368.8,	0.0);
(167182.3, 3909007.1,	60.2,	368.8,	0.0);	(167192.3, 3908983.9,	59.5,	368.8,	0.0);
(167087.4, 3908975.3,	58.1,	368.8,	0.0);	(167096.5, 3908954.6,	57.6,	368.8,	0.0);
(167106.6, 3908931.3,	57.1,	368.8,	0.0);	(166992.6, 3908943.6,	56.2,	368.8,	0.0);
(167001.7, 3908922.8,	55.8,	368.8,	0.0);	(167010.8, 3908901.9,	55.4,	368.8,	0.0);
(167019.8, 3908881.1,	55.3,	368.8,	0.0);	(166897.8, 3908911.8,	55.0,	368.8,	0.0);
(166906.9, 3908890.9,	54.4,	368.8,	0.0);	(166916.0, 3908870.0,	53.9,	368.8,	0.0);
(166925.1, 3908849.1,	53.5,	368.8,	0.0);	(166934.2, 3908828.2,	53.7,	368.8,	0.0);
(167363.0, 3909118.1,	65.1,	368.8,	0.0);	(167359.6, 3909162.6,	65.9,	368.8,	0.0);
(167359.6, 3909185.9,	66.3,	368.8,	0.0);	(167359.6, 3909209.2,	66.8,	368.8,	0.0);
(167359.6, 3909232.6,	67.4,	368.8,	0.0);	(167359.6, 3909255.9,	68.0,	368.8,	0.0);
(167312.8, 3909119.4,	64.3,	368.8,	0.0);	(167319.3, 3909079.8,	63.3,	368.8,	0.0);
(167309.6, 3909162.6,	65.1,	368.8,	0.0);	(167309.6, 3909185.9,	65.6,	368.8,	0.0);
(167309.6, 3909209.2,	66.1,	368.8,	0.0);	(167309.6, 3909232.6,	66.4,	368.8,	0.0);
(167309.6, 3909255.9,	66.9,	368.8,	0.0);	(167309.6, 3909279.2,	67.4,	368.8,	0.0);
(167262.7, 3909120.2,	63.8,	368.8,	0.0);	(167268.9, 3909082.2,	62.9,	368.8,	0.0);
(167259.6, 3909162.6,	64.6,	368.8,	0.0);	(167259.6, 3909185.9,	64.9,	368.8,	0.0);
(167259.6, 3909209.2,	65.2,	368.8,	0.0);	(167259.6, 3909232.6,	65.5,	368.8,	0.0);
(167259.6, 3909255.9,	65.8,	368.8,	0.0);	(167259.6, 3909279.2,	66.2,	368.8,	0.0);
(167163.0, 3909118.1,	62.5,	368.8,	0.0);	(167169.9, 3909075.8,	61.8,	368.8,	0.0);
(167176.8, 3909033.5,	61.0,	368.8,	0.0);	(167159.6, 3909162.6,	63.0,	368.8,	0.0);
(167159.6, 3909185.9,	63.2,	368.8,	0.0);	(167159.6, 3909209.2,	63.3,	368.8,	0.0);
(167159.6, 3909232.6,	63.4,	368.8,	0.0);	(167159.6, 3909255.9,	63.5,	368.8,	0.0);
(167159.6, 3909279.2,	63.7,	368.8,	0.0);	(167063.3, 3909116.6,	60.9,	368.8,	0.0);
(167066.9, 3909093.9,	60.6,	368.8,	0.0);	(167070.6, 3909071.3,	60.2,	368.8,	0.0);
(167074.3, 3909048.6,	59.8,	368.8,	0.0);	(167078.0, 3909026.0,	59.1,	368.8,	0.0);
(167081.7, 3909003.3,	58.7,	368.8,	0.0);	(167059.6, 3909139.3,	61.0,	368.8,	0.0);
(167059.6, 3909162.6,	61.1,	368.8,	0.0);	(167059.6, 3909185.9,	61.2,	368.8,	0.0);
(167059.6, 3909209.2,	61.1,	368.8,	0.0);	(167059.6, 3909232.6,	61.1,	368.8,	0.0);
(167059.6, 3909255.9,	61.3,	368.8,	0.0);	(167059.6, 3909279.2,	61.5,	368.8,	0.0);
(166963.0, 3909118.1,	58.7,	368.8,	0.0);	(166969.9, 3909075.8,	58.2,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(166976.8, 3909033.5,	57.7,	368.8,	0.0);	(166983.7, 3908991.2,	57.2,	368.8,	0.0);
(166959.6, 3909162.6,	59.1,	368.8,	0.0);	(166959.6, 3909185.9,	59.3,	368.8,	0.0);
(166959.6, 3909209.2,	59.5,	368.8,	0.0);	(166959.6, 3909232.6,	59.7,	368.8,	0.0);
(166959.6, 3909255.9,	59.9,	368.8,	0.0);	(166959.6, 3909279.2,	60.2,	368.8,	0.0);
(166863.2, 3909117.1,	56.6,	368.8,	0.0);	(166866.8, 3909094.8,	56.6,	368.8,	0.0);
(166874.0, 3909050.4,	56.7,	368.8,	0.0);	(166877.6, 3909028.2,	56.9,	368.8,	0.0);
(166881.3, 3909006.0,	56.7,	368.8,	0.0);	(166884.9, 3908983.8,	56.4,	368.8,	0.0);
(166888.5, 3908961.6,	56.1,	368.8,	0.0);	(166859.6, 3909139.3,	56.7,	368.8,	0.0);
(166859.6, 3909162.6,	57.0,	368.8,	0.0);	(166859.6, 3909185.9,	57.6,	368.8,	0.0);
(166859.6, 3909209.2,	58.1,	368.8,	0.0);	(166859.6, 3909232.6,	58.7,	368.8,	0.0);
(166859.6, 3909255.9,	59.2,	368.8,	0.0);	(166859.6, 3909279.2,	59.6,	368.8,	0.0);
(167540.5, 3909215.8,	73.3,	368.8,	0.0);	(167541.6, 3909180.0,	72.7,	368.8,	0.0);
(167537.7, 3909150.0,	72.3,	368.8,	0.0);	(167536.3, 3909120.7,	72.2,	368.8,	0.0);
(167536.3, 3909106.6,	72.2,	368.8,	0.0);	(167534.6, 3909076.8,	71.7,	368.8,	0.0);
(167559.1, 3909104.9,	73.7,	368.8,	0.0);	(167557.4, 3909075.1,	73.0,	368.8,	0.0);
(167589.8, 3909052.2,	73.6,	368.8,	0.0);	(167615.3, 3909003.1,	72.4,	368.8,	0.0);
(167542.5, 3909053.1,	71.4,	368.8,	0.0);	(167566.2, 3909006.6,	70.7,	368.8,	0.0);
(167539.8, 3909198.5,	72.9,	368.8,	0.0);	(167537.1, 3909134.7,	72.3,	368.8,	0.0);
(167535.5, 3909092.7,	72.0,	368.8,	0.0);	(167558.4, 3909089.7,	73.5,	368.8,	0.0);
(167553.5, 3909032.1,	71.2,	368.8,	0.0);	(167602.0, 3909028.2,	73.0,	368.8,	0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 722897\722897.SFC
 Profile file: 722897\722897.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93206
 Name: SLO_REGIONAL_AIRPORT
 Year: 2009

Upper air station no.: 93214
 Name: UNKNOWN
 Year: 2009

Met Version: 14134

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
09	01	01	1	01	-9.7	0.093	-9.000	-9.000	-999.	68.	7.6	0.02	0.96	1.00	2.86	291.	10.0	284.2	2.0			
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	280.9	2.0			
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.8	2.0			
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	06	-6.0	0.072	-9.000	-9.000	-999.	46.	5.6	0.01	0.96	1.00	2.36	92.	10.0	279.9	2.0			
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	279.2	2.0			
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	0.64	0.00	0.	10.0	279.9	2.0			
09	01	01	1	09	10.9	-9.000	-9.000	-9.000	42.	-999.	-99999.0	0.02	0.96	0.35	0.00	0.	10.0	285.4	2.0			
09	01	01	1	10	60.1	-9.000	-9.000	-9.000	125.	-999.	-99999.0	0.02	0.96	0.25	0.00	0.	10.0	288.8	2.0			
09	01	01	1	11	96.1	0.345	0.796	0.010	189.	485.	-38.4	0.04	0.96	0.22	4.36	334.	10.0	290.9	2.0			
09	01	01	1	12	115.9	0.315	0.989	0.011	301.	425.	-24.3	0.04	0.96	0.21	3.86	326.	10.0	293.1	2.0			
09	01	01	1	13	117.4	0.522	1.109	0.009	419.	904.	-108.9	0.04	0.96	0.21	6.96	333.	10.0	292.5	2.0			
09	01	01	1	14	102.4	0.587	1.115	0.011	487.	1078.	-177.7	0.04	0.96	0.22	7.96	329.	10.0	293.8	2.0			
09	01	01	1	15	70.3	0.548	0.988	0.010	494.	976.	-210.4	0.04	0.96	0.24	7.46	332.	10.0	293.8	2.0			
09	01	01	1	16	23.1	0.504	0.683	0.008	495.	860.	-496.9	0.04	0.96	0.32	6.96	314.	10.0	291.1	2.0			
09	01	01	1	17	-49.6	0.552	-9.000	-9.000	-999.	984.	305.4	0.04	0.96	0.56	7.96	301.	10.0	287.0	2.0			
09	01	01	1	18	-39.0	0.351	-9.000	-9.000	-999.	537.	100.0	0.04	0.96	1.00	5.36	307.	10.0	285.9	2.0			
09	01	01	1	19	-44.0	0.397	-9.000	-9.000	-999.	599.	127.7	0.02	0.96	1.00	6.46	294.	10.0	286.4	2.0			
09	01	01	1	20	-31.2	0.282	-9.000	-9.000	-999.	367.	64.4	0.02	0.96	1.00	4.86	287.	10.0	286.4	2.0			
09	01	01	1	21	-6.0	0.072	-9.000	-9.000	-999.	124.	5.7	0.01	0.96	1.00	2.36	120.	10.0	284.1	2.0			
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.1	2.0			
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.1	2.0			
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	281.1	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	291.	2.86	284.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167603.82	3909302.48	0.00022	167615.27	3909280.72	0.00021
167626.72	3909258.96	0.00019	167638.17	3909237.19	0.00016
167649.61	3909215.43	0.00012	167661.06	3909193.67	0.00011
167672.51	3909171.91	0.00010	167683.96	3909150.15	0.00011
167695.41	3909128.39	0.00018	167706.86	3909106.63	0.00053
167718.31	3909084.86	0.00102	167729.75	3909063.10	0.00135
167741.20	3909041.34	0.00147	167752.65	3909019.58	0.00146
167764.10	3908997.82	0.00136	167775.55	3908976.06	0.00125
167787.00	3908954.30	0.00113	167798.44	3908932.53	0.00102
167809.89	3908910.77	0.00092	167821.34	3908889.01	0.00083
167832.79	3908867.25	0.00075	167583.77	3909333.07	0.00023
167625.95	3909314.12	0.00021	167637.39	3909292.36	0.00020
167648.84	3909270.60	0.00018	167660.29	3909248.83	0.00015
167671.74	3909227.07	0.00013	167683.19	3909205.31	0.00014
167694.64	3909183.55	0.00013	167706.08	3909161.79	0.00014
167717.53	3909140.03	0.00017	167728.98	3909118.27	0.00033
167740.43	3909096.50	0.00064	167751.88	3909074.74	0.00097
167763.33	3909052.98	0.00121	167774.78	3909031.22	0.00130
167786.22	3909009.46	0.00131	167797.67	3908987.70	0.00124
167809.12	3908965.94	0.00116	167820.57	3908944.17	0.00106
167832.02	3908922.41	0.00096	167843.47	3908900.65	0.00087
167854.92	3908878.89	0.00079	167610.58	3909342.60	0.00021
167554.34	3909367.86	0.00025	167648.07	3909325.76	0.00019
167659.52	3909304.00	0.00018	167670.97	3909282.24	0.00016
167682.42	3909260.47	0.00015	167693.86	3909238.71	0.00015
167705.31	3909216.95	0.00017	167716.76	3909195.19	0.00016
167728.21	3909173.43	0.00016	167739.66	3909151.67	0.00019
167751.11	3909129.91	0.00027	167762.56	3909108.14	0.00044
167774.00	3909086.38	0.00067	167785.45	3909064.62	0.00089
167796.90	3909042.86	0.00105	167808.35	3909021.10	0.00113
167819.80	3908999.34	0.00114	167831.25	3908977.57	0.00110
167842.69	3908955.81	0.00103	167854.14	3908934.05	0.00091
167865.59	3908912.29	0.00081	167877.04	3908890.53	0.00072
167671.23	3909358.51	0.00015	167650.14	3909367.98	0.00017
167629.05	3909377.46	0.00019	167607.96	3909386.93	0.00019
167586.87	3909396.40	0.00019	167565.78	3909405.88	0.00020
167544.69	3909415.35	0.00023	167692.32	3909349.04	0.00012
167703.77	3909327.28	0.00013	167715.22	3909305.52	0.00014
167726.67	3909283.75	0.00016	167738.11	3909261.99	0.00019
167749.56	3909240.23	0.00019	167761.01	3909218.47	0.00018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167772.46	3909196.71	0.00019	167783.91	3909174.95	0.00020
167795.36	3909153.18	0.00022	167806.81	3909131.42	0.00028
167818.25	3909109.66	0.00037	167829.70	3909087.90	0.00048
167841.15	3909066.14	0.00059	167852.60	3909044.38	0.00070
167864.05	3909022.62	0.00077	167875.50	3909000.85	0.00076
167886.94	3908979.09	0.00061	167898.39	3908957.33	0.00057
167909.84	3908935.57	0.00060	167921.29	3908913.81	0.00066
167716.12	3909381.50	0.00006	167675.22	3909399.88	0.00010
167634.32	3909418.25	0.00016	167593.41	3909436.62	0.00017
167552.51	3909454.99	0.00019	167387.21	3909314.50	0.00054
167373.39	3909296.85	0.00056	167748.02	3909350.56	0.00005
167759.47	3909328.79	0.00006	167770.92	3909307.03	0.00010
167782.36	3909285.27	0.00012	167793.81	3909263.51	0.00015
167805.26	3909241.75	0.00017	167816.71	3909219.99	0.00018
167828.16	3909198.23	0.00019	167839.61	3909176.46	0.00020
167851.06	3909154.70	0.00021	167862.50	3909132.94	0.00025
167873.95	3909111.18	0.00030	167885.40	3909089.42	0.00036
167896.85	3909067.66	0.00042	167908.30	3909045.90	0.00047
167919.75	3909024.13	0.00051	167931.19	3909002.37	0.00055
167942.64	3908980.61	0.00058	167954.09	3908958.85	0.00060
167965.54	3908937.09	0.00062	167759.19	3909405.31	0.00002
167737.56	3909415.03	0.00002	167715.93	3909424.75	0.00003
167694.30	3909434.46	0.00006	167672.67	3909444.18	0.00010
167651.04	3909453.89	0.00013	167629.41	3909463.61	0.00014
167607.78	3909473.33	0.00015	167586.14	3909483.04	0.00015
167564.51	3909492.76	0.00016	167542.88	3909502.47	0.00017
167521.25	3909512.19	0.00019	167411.91	3909409.89	0.00036
167397.29	3909391.22	0.00039	167382.67	3909372.55	0.00043
167368.05	3909353.88	0.00048	167353.43	3909335.21	0.00051
167338.81	3909316.54	0.00053	167324.19	3909297.87	0.00053
167780.82	3909395.60	0.00002	167792.27	3909373.84	0.00002
167803.72	3909352.07	0.00002	167815.17	3909330.31	0.00003
167826.61	3909308.55	0.00005	167838.06	3909286.79	0.00008
167849.51	3909265.03	0.00010	167860.96	3909243.27	0.00010
167872.41	3909221.51	0.00010	167883.86	3909199.74	0.00012
167895.31	3909177.98	0.00014	167906.75	3909156.22	0.00016
167918.20	3909134.46	0.00019	167929.65	3909112.70	0.00023
167941.10	3909090.94	0.00027	167952.55	3909069.17	0.00030
167964.00	3909047.41	0.00034	167975.44	3909025.65	0.00037
167986.89	3909003.89	0.00041	167998.34	3908982.13	0.00045

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168009.79	3908960.37	0.00048	167803.98	3909428.35	0.00002
167782.89	3909437.82	0.00002	167761.80	3909447.30	0.00002
167740.71	3909456.77	0.00002	167719.62	3909466.24	0.00003
167698.53	3909475.72	0.00007	167677.44	3909485.19	0.00009
167656.35	3909494.66	0.00011	167635.26	3909504.14	0.00013
167614.17	3909513.61	0.00013	167593.08	3909523.08	0.00013
167571.99	3909532.55	0.00014	167550.90	3909542.03	0.00015
167529.81	3909551.50	0.00016	167508.72	3909560.97	0.00017
167416.36	3909479.43	0.00029	167402.11	3909461.23	0.00031
167387.86	3909443.03	0.00033	167373.60	3909424.82	0.00036
167359.35	3909406.62	0.00039	167345.09	3909388.42	0.00042
167330.84	3909370.21	0.00046	167316.59	3909352.01	0.00049
167302.33	3909333.81	0.00050	167288.08	3909315.61	0.00049
167273.82	3909297.40	0.00047	167825.07	3909418.88	0.00002
167836.52	3909397.12	0.00002	167847.97	3909375.35	0.00002
167859.42	3909353.59	0.00002	167870.86	3909331.83	0.00003
167882.31	3909310.07	0.00003	167893.76	3909288.31	0.00003
167905.21	3909266.55	0.00003	167916.66	3909244.78	0.00004
167928.11	3909223.02	0.00004	167939.56	3909201.26	0.00006
167951.00	3909179.50	0.00008	167962.45	3909157.74	0.00011
167973.90	3909135.98	0.00014	167985.35	3909114.22	0.00017
167996.80	3909092.45	0.00020	168008.25	3909070.69	0.00023
168019.69	3909048.93	0.00026	168031.14	3909027.17	0.00029
168042.59	3909005.41	0.00032	168054.04	3908983.65	0.00035
167892.15	3909475.06	0.00002	167870.72	3909484.68	0.00002
167849.30	3909494.31	0.00002	167827.87	3909503.93	0.00002
167806.45	3909513.55	0.00002	167785.02	3909523.18	0.00002
167763.60	3909532.80	0.00002	167742.17	3909542.42	0.00002
167720.75	3909552.05	0.00004	167699.32	3909561.67	0.00006
167677.90	3909571.29	0.00008	167656.48	3909580.92	0.00009
167635.05	3909590.54	0.00010	167613.63	3909600.17	0.00010
167592.20	3909609.79	0.00011	167570.78	3909619.41	0.00011
167549.35	3909629.04	0.00012	167527.93	3909638.66	0.00013
167518.00	3909600.16	0.00015	167385.29	3909619.12	0.00019
167391.25	3909575.07	0.00022	167376.77	3909556.58	0.00023
167362.29	3909538.09	0.00025	167347.81	3909519.59	0.00026
167333.33	3909501.10	0.00028	167318.85	3909482.61	0.00030
167304.37	3909464.12	0.00033	167289.89	3909445.63	0.00036
167275.41	3909427.14	0.00039	167260.93	3909408.64	0.00041
167246.45	3909390.15	0.00043	167231.97	3909371.66	0.00043

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167217.49	3909353.17	0.00043	167203.01	3909334.68	0.00041
167188.53	3909316.18	0.00039	167174.05	3909297.69	0.00036
167913.57	3909465.44	0.00002	167925.02	3909443.67	0.00002
167936.47	3909421.91	0.00002	167947.92	3909400.15	0.00002
167959.36	3909378.39	0.00002	167970.81	3909356.63	0.00002
167982.26	3909334.87	0.00002	167993.71	3909313.11	0.00002
168005.16	3909291.34	0.00002	168016.61	3909269.58	0.00003
168028.06	3909247.82	0.00004	168039.50	3909226.06	0.00005
168050.95	3909204.30	0.00006	168062.40	3909182.54	0.00008
168073.85	3909160.77	0.00009	168085.30	3909139.01	0.00011
168096.75	3909117.25	0.00013	168108.19	3909095.49	0.00014
168119.64	3909073.73	0.00016	168131.09	3909051.97	0.00018
168142.54	3909030.21	0.00020	167980.44	3909521.71	0.00002
167958.81	3909531.43	0.00002	167937.18	3909541.14	0.00002
167915.55	3909550.86	0.00002	167893.92	3909560.58	0.00002
167872.29	3909570.29	0.00002	167850.66	3909580.01	0.00001
167829.03	3909589.72	0.00001	167807.39	3909599.44	0.00002
167785.76	3909609.16	0.00002	167764.13	3909618.87	0.00003
167742.50	3909628.59	0.00004	167720.87	3909638.30	0.00005
167699.24	3909648.02	0.00007	167677.61	3909657.74	0.00008
167655.98	3909667.45	0.00008	167634.35	3909677.17	0.00009
167612.72	3909686.88	0.00009	167591.09	3909696.60	0.00009
167569.46	3909706.32	0.00010	167547.83	3909716.03	0.00011
167482.94	3909745.18	0.00012	167461.31	3909754.90	0.00011
167425.06	3909745.94	0.00012	167410.44	3909727.27	0.00013
167395.82	3909708.60	0.00014	167381.20	3909689.93	0.00015
167366.58	3909671.26	0.00016	167351.96	3909652.59	0.00017
167337.34	3909633.92	0.00019	167322.72	3909615.25	0.00020
167308.10	3909596.58	0.00021	167293.48	3909577.92	0.00023
167278.86	3909559.25	0.00024	167264.24	3909540.58	0.00026
167249.62	3909521.91	0.00028	167235.00	3909503.24	0.00030
167220.38	3909484.57	0.00033	167205.76	3909465.90	0.00035
167191.14	3909447.23	0.00036	167176.53	3909428.56	0.00037
167161.91	3909409.89	0.00037	167147.29	3909391.22	0.00037
167132.67	3909372.55	0.00036	167118.05	3909353.88	0.00034
167103.43	3909335.21	0.00032	167088.81	3909316.54	0.00030
167074.19	3909297.87	0.00028	168002.07	3909511.99	0.00002
168013.52	3909490.23	0.00002	168024.97	3909468.47	0.00002
168036.42	3909446.71	0.00002	168047.86	3909424.95	0.00002
168059.31	3909403.19	0.00002	168070.76	3909381.43	0.00002

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168082.21	3909359.66	0.00002	168093.66	3909337.90	0.00002
168105.11	3909316.14	0.00003	168116.56	3909294.38	0.00004
168128.00	3909272.62	0.00005	168139.45	3909250.86	0.00006
168150.90	3909229.10	0.00007	168162.35	3909207.33	0.00007
168173.80	3909185.57	0.00008	168185.25	3909163.81	0.00008
168196.69	3909142.05	0.00009	168208.14	3909120.29	0.00010
168219.59	3909098.53	0.00011	168231.04	3909076.76	0.00012
168068.80	3909568.33	0.00002	168047.03	3909578.11	0.00002
168025.26	3909587.89	0.00002	168003.49	3909597.67	0.00002
167981.72	3909607.45	0.00002	167959.95	3909617.23	0.00002
167938.18	3909627.00	0.00002	167916.41	3909636.78	0.00002
167894.64	3909646.56	0.00002	167872.87	3909656.34	0.00002
167851.10	3909666.12	0.00002	167829.33	3909675.90	0.00003
167807.56	3909685.68	0.00004	167785.79	3909695.46	0.00004
167764.02	3909705.23	0.00005	167742.25	3909715.01	0.00006
167720.48	3909724.79	0.00006	167698.71	3909734.57	0.00007
167676.94	3909744.35	0.00008	167655.17	3909754.13	0.00008
167633.40	3909763.91	0.00009	167611.63	3909773.69	0.00009
167524.55	3909812.80	0.00009	167502.78	3909822.58	0.00009
167481.01	3909832.36	0.00009	167459.24	3909842.14	0.00009
167437.47	3909851.92	0.00009	167400.98	3909842.90	0.00010
167386.27	3909824.11	0.00010	167371.55	3909805.32	0.00011
167356.84	3909786.53	0.00012	167342.13	3909767.74	0.00012
167327.41	3909748.95	0.00013	167312.70	3909730.16	0.00014
167297.99	3909711.37	0.00015	167283.27	3909692.58	0.00016
167268.56	3909673.79	0.00017	167253.84	3909655.00	0.00019
167239.13	3909636.21	0.00020	167224.42	3909617.42	0.00021
167209.70	3909598.63	0.00022	167194.99	3909579.84	0.00024
167180.28	3909561.05	0.00026	167165.56	3909542.26	0.00028
167150.85	3909523.47	0.00029	167136.13	3909504.68	0.00031
167121.42	3909485.89	0.00032	167106.71	3909467.10	0.00032
167091.99	3909448.31	0.00032	167077.28	3909429.52	0.00032
167062.57	3909410.73	0.00031	167047.85	3909391.94	0.00030
167033.14	3909373.15	0.00028	167018.42	3909354.36	0.00027
167003.71	3909335.57	0.00025	166989.00	3909316.78	0.00023
166974.28	3909297.99	0.00022	168090.57	3909558.55	0.00002
168102.02	3909536.79	0.00002	168113.47	3909515.03	0.00002
168124.92	3909493.27	0.00002	168136.36	3909471.51	0.00002
168147.81	3909449.75	0.00002	168159.26	3909427.98	0.00002
168170.71	3909406.22	0.00003	168182.16	3909384.46	0.00003

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168193.61	3909362.70	0.00003	168205.06	3909340.94	0.00004
168216.50	3909319.18	0.00004	168227.95	3909297.42	0.00005
168239.40	3909275.65	0.00005	168250.85	3909253.89	0.00005
168262.30	3909232.13	0.00006	168273.75	3909210.37	0.00006
168285.19	3909188.61	0.00006	168296.64	3909166.85	0.00007
168308.09	3909145.09	0.00007	168319.54	3909123.32	0.00008
168157.20	3909614.94	0.00003	168135.33	3909624.76	0.00003
168113.46	3909634.58	0.00003	168091.59	3909644.41	0.00003
168069.72	3909654.23	0.00003	168047.84	3909664.06	0.00003
168025.97	3909673.88	0.00003	168004.10	3909683.70	0.00003
167982.23	3909693.53	0.00003	167960.36	3909703.35	0.00003
167938.49	3909713.18	0.00003	167916.62	3909723.00	0.00003
167894.75	3909732.82	0.00003	167872.88	3909742.65	0.00004
167851.01	3909752.47	0.00004	167829.14	3909762.30	0.00004
167807.26	3909772.12	0.00004	167785.39	3909781.94	0.00005
167763.52	3909791.77	0.00005	167741.65	3909801.59	0.00006
167719.78	3909811.42	0.00007	167697.91	3909821.24	0.00007
167676.04	3909831.07	0.00008	167654.17	3909840.89	0.00008
167566.68	3909880.19	0.00008	167544.81	3909890.01	0.00008
167522.94	3909899.83	0.00008	167501.07	3909909.66	0.00007
167479.20	3909919.48	0.00007	167457.33	3909929.31	0.00007
167435.46	3909939.13	0.00007	167413.59	3909948.95	0.00008
167376.93	3909939.90	0.00008	167362.15	3909921.02	0.00009
167347.37	3909902.15	0.00009	167332.59	3909883.27	0.00010
167317.81	3909864.39	0.00010	167303.03	3909845.51	0.00011
167288.24	3909826.64	0.00012	167273.46	3909807.76	0.00012
167258.68	3909788.88	0.00013	167243.90	3909770.01	0.00014
167229.12	3909751.13	0.00015	167214.33	3909732.25	0.00016
167199.55	3909713.37	0.00016	167184.77	3909694.50	0.00017
167169.99	3909675.62	0.00018	167155.21	3909656.74	0.00019
167140.43	3909637.87	0.00021	167125.64	3909618.99	0.00022
167110.86	3909600.11	0.00023	167096.08	3909581.23	0.00025
167081.30	3909562.36	0.00026	167066.52	3909543.48	0.00027
167051.73	3909524.60	0.00028	167036.95	3909505.73	0.00028
167022.17	3909486.85	0.00028	167007.39	3909467.97	0.00028
166992.61	3909449.09	0.00027	166977.82	3909430.22	0.00026
166963.04	3909411.34	0.00025	166948.26	3909392.46	0.00024
166933.48	3909373.59	0.00023	166918.70	3909354.71	0.00021
166903.92	3909335.83	0.00020	166889.13	3909316.95	0.00019
166874.35	3909298.08	0.00018	168179.07	3909605.11	0.00002

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168190.52	3909583.35	0.00002	168201.97	3909561.59	0.00002
168213.42	3909539.83	0.00002	168224.86	3909518.07	0.00002
168236.31	3909496.31	0.00002	168247.76	3909474.54	0.00002
168259.21	3909452.78	0.00003	168270.66	3909431.02	0.00003
168282.11	3909409.26	0.00003	168293.56	3909387.50	0.00003
168305.00	3909365.74	0.00003	168316.45	3909343.97	0.00003
168327.90	3909322.21	0.00003	168339.35	3909300.45	0.00004
168350.80	3909278.69	0.00004	168362.25	3909256.93	0.00004
168373.69	3909235.17	0.00004	168385.14	3909213.41	0.00005
168396.59	3909191.64	0.00005	168408.04	3909169.88	0.00005
167787.00	3908808.03	0.00055	167754.38	3908835.86	0.00056
167733.48	3908848.95	0.00053	167712.58	3908862.03	0.00048
167691.68	3908875.12	0.00042	167670.78	3908888.20	0.00035
167762.01	3908801.59	0.00045	167741.11	3908814.67	0.00043
167720.21	3908827.76	0.00041	167699.31	3908840.84	0.00036
167678.41	3908853.93	0.00032	167657.52	3908867.01	0.00027
167794.14	3908784.69	0.00049	167816.84	3908786.84	0.00055
167748.74	3908780.40	0.00037	167727.84	3908793.49	0.00035
167706.94	3908806.57	0.00032	167686.05	3908819.65	0.00028
167665.15	3908832.74	0.00025	167644.25	3908845.82	0.00021
167783.90	3908763.79	0.00041	167808.12	3908766.08	0.00047
167868.84	3908842.58	0.00067	167735.47	3908759.21	0.00031
167714.58	3908772.30	0.00028	167693.68	3908785.38	0.00026
167672.78	3908798.46	0.00023	167651.88	3908811.55	0.00020
167630.98	3908824.63	0.00017	167731.64	3908718.98	0.00026
167754.34	3908721.12	0.00030	167777.04	3908723.27	0.00034
167799.75	3908725.42	0.00038	167822.45	3908727.56	0.00043
167845.15	3908729.71	0.00045	167902.08	3908801.43	0.00059
167905.92	3908823.90	0.00064	167909.76	3908846.38	0.00068
167913.61	3908868.86	0.00070	167917.45	3908891.33	0.00068
167708.94	3908716.83	0.00022	167688.04	3908729.92	0.00020
167667.14	3908743.00	0.00018	167646.25	3908756.08	0.00016
167625.35	3908769.17	0.00014	167604.45	3908782.25	0.00012
167706.62	3908676.74	0.00019	167730.84	3908679.03	0.00022
167755.05	3908681.32	0.00026	167779.27	3908683.61	0.00029
167803.48	3908685.90	0.00033	167827.70	3908688.19	0.00037
167851.91	3908690.47	0.00038	167876.12	3908692.76	0.00039
167900.34	3908695.05	0.00041	167936.85	3908769.26	0.00055
167940.95	3908793.24	0.00059	167945.05	3908817.21	0.00063
167949.15	3908841.19	0.00066	167953.24	3908865.16	0.00068

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167957.34	3908889.14	0.00068	167961.44	3908913.11	0.00066
167682.41	3908674.45	0.00016	167661.51	3908687.54	0.00014
167640.61	3908700.62	0.00013	167619.71	3908713.71	0.00012
167598.82	3908726.79	0.00011	167577.92	3908739.87	0.00010
167679.16	3908634.27	0.00014	167702.44	3908636.48	0.00016
167725.72	3908638.68	0.00019	167749.01	3908640.88	0.00022
167772.29	3908643.08	0.00025	167795.57	3908645.28	0.00028
167818.86	3908647.48	0.00031	167842.14	3908649.68	0.00032
167865.42	3908651.88	0.00033	167888.71	3908654.08	0.00034
167911.99	3908656.28	0.00034	167935.27	3908658.48	0.00036
167974.32	3908752.89	0.00053	167978.26	3908775.95	0.00057
167982.20	3908799.00	0.00059	167986.14	3908822.05	0.00062
167990.09	3908845.10	0.00063	167994.03	3908868.16	0.00062
167997.97	3908891.21	0.00061	168001.91	3908914.26	0.00058
168005.85	3908937.31	0.00054	167655.87	3908632.07	0.00012
167634.98	3908645.16	0.00011	167614.08	3908658.24	0.00010
167593.18	3908671.33	0.00009	167572.28	3908684.41	0.00009
167551.38	3908697.49	0.00008	167653.56	3908591.98	0.00011
167677.77	3908594.27	0.00012	167701.99	3908596.56	0.00014
167726.20	3908598.85	0.00016	167750.41	3908601.14	0.00019
167774.63	3908603.43	0.00021	167798.84	3908605.72	0.00024
167823.06	3908608.00	0.00027	167847.27	3908610.29	0.00028
167871.49	3908612.58	0.00029	167895.70	3908614.87	0.00029
167919.92	3908617.16	0.00030	167944.13	3908619.45	0.00031
167968.35	3908621.74	0.00033	167996.66	3908648.00	0.00040
168000.76	3908671.98	0.00043	168004.86	3908695.95	0.00046
168008.96	3908719.92	0.00050	168013.05	3908743.90	0.00052
168017.15	3908767.87	0.00055	168021.25	3908791.85	0.00057
168025.35	3908815.82	0.00058	168029.45	3908839.80	0.00058
168033.55	3908863.77	0.00057	168037.65	3908887.75	0.00054
168041.74	3908911.72	0.00051	168045.84	3908935.70	0.00046
168049.94	3908959.67	0.00041	167629.34	3908589.69	0.00010
167608.44	3908602.78	0.00009	167587.55	3908615.86	0.00008
167566.65	3908628.95	0.00008	167545.75	3908642.03	0.00007
167524.85	3908655.11	0.00006	167600.49	3908507.23	0.00008
167624.70	3908509.51	0.00008	167648.92	3908511.80	0.00009
167673.13	3908514.09	0.00010	167697.35	3908516.38	0.00011
167721.56	3908518.67	0.00012	167745.78	3908520.96	0.00014
167769.99	3908523.25	0.00016	167794.21	3908525.54	0.00018
167818.42	3908527.82	0.00020	167842.64	3908530.11	0.00021

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167866.85	3908532.40	0.00023	167891.07	3908534.69	0.00024
167915.28	3908536.98	0.00026	167939.49	3908539.27	0.00027
167963.71	3908541.56	0.00028	167987.92	3908543.84	0.00028
168012.14	3908546.13	0.00028	168036.35	3908548.42	0.00029
168064.67	3908574.69	0.00032	168068.77	3908598.66	0.00034
168072.86	3908622.64	0.00037	168076.96	3908646.61	0.00040
168081.06	3908670.58	0.00042	168085.16	3908694.56	0.00045
168089.26	3908718.53	0.00048	168093.36	3908742.51	0.00049
168097.46	3908766.48	0.00050	168101.55	3908790.46	0.00049
168105.65	3908814.43	0.00049	168109.75	3908838.41	0.00047
168113.85	3908862.38	0.00045	168117.95	3908886.36	0.00042
168122.05	3908910.33	0.00038	168126.15	3908934.31	0.00034
168130.24	3908958.28	0.00030	168134.34	3908982.26	0.00026
168138.44	3909006.23	0.00023	167576.28	3908504.94	0.00007
167555.38	3908518.02	0.00007	167534.48	3908531.10	0.00006
167513.58	3908544.19	0.00006	167492.68	3908557.27	0.00005
167471.79	3908570.36	0.00005	167547.42	3908422.47	0.00006
167571.64	3908424.76	0.00007	167595.85	3908427.04	0.00007
167620.07	3908429.33	0.00008	167644.28	3908431.62	0.00008
167668.50	3908433.91	0.00009	167692.71	3908436.20	0.00009
167716.93	3908438.49	0.00010	167741.14	3908440.78	0.00011
167765.36	3908443.07	0.00012	167789.57	3908445.35	0.00014
167813.78	3908447.64	0.00015	167838.00	3908449.93	0.00016
167862.21	3908452.22	0.00017	167886.43	3908454.51	0.00019
167910.64	3908456.80	0.00020	167934.86	3908459.09	0.00020
167959.07	3908461.38	0.00021	167983.29	3908463.66	0.00022
168007.50	3908465.95	0.00022	168031.72	3908468.24	0.00023
168055.93	3908470.53	0.00023	168080.15	3908472.82	0.00024
168104.36	3908475.11	0.00024	168132.67	3908501.37	0.00026
168136.77	3908525.35	0.00028	168140.87	3908549.32	0.00030
168144.97	3908573.30	0.00032	168149.07	3908597.27	0.00034
168153.17	3908621.24	0.00036	168157.27	3908645.22	0.00038
168161.36	3908669.19	0.00040	168165.46	3908693.17	0.00042
168169.56	3908717.14	0.00042	168173.66	3908741.12	0.00042
168177.76	3908765.09	0.00042	168181.86	3908789.07	0.00040
168185.96	3908813.04	0.00039	168190.05	3908837.02	0.00037
168194.15	3908860.99	0.00035	168198.25	3908884.97	0.00032
168202.35	3908908.94	0.00028	168206.45	3908932.92	0.00025
168210.55	3908956.89	0.00022	168214.65	3908980.87	0.00020
168218.74	3909004.84	0.00018	168222.84	3909028.82	0.00016

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168226.94	3909052.79	0.00014	167523.21	3908420.18	0.00005
167502.31	3908433.26	0.00005	167481.41	3908446.35	0.00005
167460.51	3908459.43	0.00005	167439.62	3908472.51	0.00004
167418.72	3908485.60	0.00004	167494.36	3908337.71	0.00004
167518.57	3908340.00	0.00004	167542.79	3908342.29	0.00004
167567.00	3908344.57	0.00005	167591.22	3908346.86	0.00005
167615.43	3908349.15	0.00006	167639.65	3908351.44	0.00006
167663.86	3908353.73	0.00007	167688.07	3908356.02	0.00008
167712.29	3908358.31	0.00009	167736.50	3908360.60	0.00009
167760.72	3908362.88	0.00010	167784.93	3908365.17	0.00011
167809.15	3908367.46	0.00012	167833.36	3908369.75	0.00013
167857.58	3908372.04	0.00014	167881.79	3908374.33	0.00014
167906.01	3908376.62	0.00015	167930.22	3908378.91	0.00016
167954.44	3908381.19	0.00017	167978.65	3908383.48	0.00017
168002.86	3908385.77	0.00018	168027.08	3908388.06	0.00018
168051.29	3908390.35	0.00019	168075.51	3908392.64	0.00019
168099.72	3908394.93	0.00020	168123.94	3908397.22	0.00020
168148.15	3908399.50	0.00020	168172.37	3908401.79	0.00021
168200.68	3908428.06	0.00022	168204.78	3908452.03	0.00024
168208.88	3908476.01	0.00025	168212.98	3908499.98	0.00027
168217.07	3908523.96	0.00028	168221.17	3908547.93	0.00030
168225.27	3908571.90	0.00032	168229.37	3908595.88	0.00033
168233.47	3908619.85	0.00034	168237.57	3908643.83	0.00036
168241.67	3908667.80	0.00036	168245.77	3908691.78	0.00036
168249.86	3908715.75	0.00035	168253.96	3908739.73	0.00034
168258.06	3908763.70	0.00033	168262.16	3908787.68	0.00032
168266.26	3908811.65	0.00030	168270.36	3908835.63	0.00028
168274.46	3908859.60	0.00026	168278.55	3908883.58	0.00024
168282.65	3908907.55	0.00022	168286.75	3908931.53	0.00019
168290.85	3908955.50	0.00017	168294.95	3908979.48	0.00016
168299.05	3909003.45	0.00014	168303.15	3909027.42	0.00013
168307.24	3909051.40	0.00011	168311.34	3909075.37	0.00010
168315.44	3909099.35	0.00009	167470.14	3908335.42	0.00003
167449.24	3908348.50	0.00003	167428.35	3908361.59	0.00003
167407.45	3908374.67	0.00003	167386.55	3908387.76	0.00003
167365.65	3908400.84	0.00003	167441.29	3908252.95	0.00002
167465.51	3908255.24	0.00003	167489.72	3908257.53	0.00003
167513.93	3908259.82	0.00004	167538.15	3908262.11	0.00004
167562.36	3908264.39	0.00004	167586.58	3908266.68	0.00005
167610.79	3908268.97	0.00005	167635.01	3908271.26	0.00005

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167659.22	3908273.55	0.00006	167683.44	3908275.84	0.00006
167707.65	3908278.13	0.00007	167731.87	3908280.41	0.00008
167756.08	3908282.70	0.00008	167780.30	3908284.99	0.00009
167804.51	3908287.28	0.00010	167828.73	3908289.57	0.00010
167852.94	3908291.86	0.00011	167877.15	3908294.15	0.00012
167901.37	3908296.44	0.00012	167925.58	3908298.72	0.00013
167949.80	3908301.01	0.00014	167974.01	3908303.30	0.00014
167998.23	3908305.59	0.00015	168022.44	3908307.88	0.00015
168046.66	3908310.17	0.00015	168070.87	3908312.46	0.00016
168095.09	3908314.75	0.00016	168119.30	3908317.03	0.00016
168143.52	3908319.32	0.00017	168167.73	3908321.61	0.00017
168191.94	3908323.90	0.00017	168216.16	3908326.19	0.00018
168240.37	3908328.48	0.00018	168268.69	3908334.74	0.00020
168272.79	3908378.72	0.00021	168276.88	3908402.69	0.00022
168280.98	3908426.67	0.00023	168285.08	3908450.64	0.00024
168289.18	3908474.62	0.00025	168293.28	3908498.59	0.00026
168297.38	3908522.56	0.00028	168301.48	3908546.54	0.00029
168305.57	3908570.51	0.00030	168309.67	3908594.49	0.00031
168313.77	3908618.46	0.00031	168317.87	3908642.44	0.00031
168321.97	3908666.41	0.00031	168326.07	3908690.39	0.00030
168330.17	3908714.36	0.00029	168334.27	3908738.34	0.00028
168338.36	3908762.31	0.00026	168342.46	3908786.29	0.00025
168346.56	3908810.26	0.00023	168350.66	3908834.24	0.00022
168354.76	3908858.21	0.00020	168358.86	3908882.19	0.00018
168362.96	3908906.16	0.00016	168367.05	3908930.14	0.00015
168371.15	3908954.11	0.00013	168375.25	3908978.08	0.00012
168379.35	3909002.06	0.00011	168383.45	3909026.03	0.00010
168387.55	3909050.01	0.00009	168391.65	3909073.98	0.00008
168395.74	3909097.96	0.00007	168399.84	3909121.93	0.00006
168403.94	3909145.91	0.00006	167417.08	3908250.66	0.00002
167396.18	3908263.75	0.00002	167375.28	3908276.83	0.00002
167354.38	3908289.91	0.00002	167333.48	3908303.00	0.00002
167312.59	3908316.08	0.00002	167640.13	3908885.50	0.00024
167628.89	3908906.15	0.00022	167617.66	3908926.80	0.00019
167618.17	3908873.55	0.00018	167606.93	3908894.20	0.00016
167595.70	3908914.85	0.00014	167584.47	3908935.50	0.00012
167573.23	3908956.15	0.00010	167607.80	3908849.28	0.00015
167584.97	3908882.26	0.00012	167573.74	3908902.91	0.00011
167562.51	3908923.56	0.00009	167551.27	3908944.21	0.00008
167540.04	3908964.86	0.00007	167528.80	3908985.51	0.00006

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167517.57	3909006.16	0.00006	167506.34	3909026.81	0.00006
167495.10	3909047.46	0.00007	167565.33	3908823.85	0.00010
167541.05	3908858.36	0.00008	167529.82	3908879.01	0.00007
167518.58	3908899.66	0.00007	167507.35	3908920.32	0.00006
167496.12	3908940.97	0.00006	167484.88	3908961.62	0.00006
167473.65	3908982.27	0.00006	167462.41	3909002.92	0.00007
167451.18	3909023.57	0.00007	167439.95	3909044.22	0.00008
167522.27	3908799.03	0.00007	167550.10	3908769.45	0.00008
167497.13	3908834.47	0.00006	167485.89	3908855.12	0.00006
167474.66	3908875.77	0.00005	167463.43	3908896.42	0.00005
167452.19	3908917.07	0.00006	167440.96	3908937.73	0.00006
167429.73	3908958.38	0.00006	167418.49	3908979.03	0.00007
167407.26	3908999.68	0.00007	167396.03	3909020.33	0.00008
167384.79	3909040.98	0.00009	167478.93	3908774.52	0.00005
167507.91	3908743.71	0.00006	167453.21	3908810.58	0.00005
167441.97	3908831.23	0.00005	167430.74	3908851.88	0.00005
167419.51	3908872.53	0.00005	167408.27	3908893.18	0.00005
167397.04	3908913.83	0.00005	167385.80	3908934.48	0.00006
167374.57	3908955.13	0.00006	167363.34	3908975.79	0.00006
167352.10	3908996.44	0.00007	167340.87	3909017.09	0.00008
167435.42	3908750.19	0.00004	167465.23	3908718.50	0.00005
167495.04	3908686.81	0.00006	167409.28	3908786.69	0.00004
167398.05	3908807.34	0.00004	167386.82	3908827.99	0.00004
167375.58	3908848.64	0.00004	167364.35	3908869.29	0.00005
167353.12	3908889.94	0.00005	167341.88	3908910.59	0.00005
167330.65	3908931.24	0.00005	167319.42	3908951.89	0.00006
167308.18	3908972.54	0.00006	167296.95	3908993.19	0.00007
167348.13	3908701.82	0.00003	167379.04	3908668.95	0.00003
167394.50	3908652.52	0.00004	167409.96	3908636.09	0.00004
167440.87	3908603.22	0.00004	167456.33	3908586.79	0.00004
167332.67	3908718.25	0.00003	167321.44	3908738.90	0.00003
167310.21	3908759.55	0.00003	167298.97	3908780.20	0.00004
167287.74	3908800.85	0.00004	167276.51	3908821.50	0.00004
167265.27	3908842.15	0.00004	167254.04	3908862.81	0.00004
167242.80	3908883.46	0.00004	167231.57	3908904.11	0.00005
167220.34	3908924.76	0.00005	167209.10	3908945.41	0.00005
167260.64	3908653.66	0.00003	167276.45	3908636.85	0.00003
167292.25	3908620.05	0.00003	167308.06	3908603.24	0.00003
167323.87	3908586.43	0.00003	167339.68	3908569.63	0.00003
167355.49	3908552.82	0.00003	167371.29	3908536.02	0.00003

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167387.10	3908519.21	0.00004	167402.91	3908502.40	0.00004
167244.83	3908670.46	0.00003	167233.60	3908691.11	0.00003
167222.36	3908711.77	0.00003	167211.13	3908732.42	0.00003
167199.90	3908753.07	0.00003	167188.66	3908773.72	0.00003
167177.43	3908794.37	0.00003	167166.19	3908815.02	0.00003
167154.96	3908835.67	0.00004	167143.73	3908856.32	0.00004
167132.49	3908876.97	0.00004	167121.26	3908897.62	0.00004
167173.04	3908605.61	0.00003	167189.09	3908588.55	0.00003
167205.14	3908571.49	0.00003	167221.19	3908554.42	0.00003
167237.24	3908537.36	0.00003	167253.29	3908520.29	0.00003
167269.34	3908503.23	0.00003	167285.40	3908486.16	0.00003
167301.45	3908469.10	0.00003	167317.50	3908452.03	0.00003
167333.55	3908434.97	0.00003	167349.60	3908417.90	0.00003
167156.99	3908622.68	0.00003	167145.75	3908643.33	0.00003
167134.52	3908663.98	0.00003	167123.28	3908684.63	0.00003
167112.05	3908705.28	0.00003	167100.82	3908725.93	0.00003
167089.58	3908746.58	0.00003	167078.35	3908767.24	0.00003
167067.12	3908787.89	0.00003	167055.88	3908808.54	0.00003
167044.65	3908829.19	0.00003	167033.42	3908849.84	0.00003
167084.36	3908558.72	0.00002	167114.79	3908526.37	0.00002
167145.22	3908494.01	0.00002	167175.65	3908461.66	0.00002
167206.08	3908429.31	0.00002	167236.51	3908396.96	0.00001
167266.94	3908364.61	0.00001	167057.91	3908595.54	0.00002
167046.67	3908616.20	0.00002	167035.44	3908636.85	0.00002
167024.21	3908657.50	0.00002	167012.97	3908678.15	0.00002
167001.74	3908698.80	0.00002	166990.51	3908719.45	0.00002
166979.27	3908740.10	0.00002	166968.04	3908760.75	0.00003
166956.81	3908781.40	0.00003	166945.57	3908802.05	0.00003
167371.89	3909070.62	0.00012	167324.49	3909054.72	0.00011
167277.08	3909038.83	0.00010	167287.02	3909016.01	0.00008
167182.26	3909007.07	0.00008	167192.33	3908983.95	0.00007
167087.44	3908975.32	0.00006	167096.46	3908954.60	0.00005
167106.60	3908931.29	0.00005	166992.61	3908943.58	0.00005
167001.68	3908922.75	0.00004	167010.75	3908901.92	0.00004
167019.81	3908881.09	0.00004	166897.78	3908911.84	0.00004
166906.89	3908890.93	0.00004	166915.99	3908870.02	0.00004
166925.09	3908849.11	0.00003	166934.19	3908828.19	0.00003
167363.01	3909118.12	0.00021	167359.57	3909162.59	0.00034
167359.57	3909185.91	0.00041	167359.57	3909209.24	0.00047
167359.57	3909232.56	0.00052	167359.57	3909255.88	0.00055

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167312.80	3909119.44	0.00021	167319.26	3909079.78	0.00014
167309.57	3909162.59	0.00030	167309.57	3909185.91	0.00036
167309.57	3909209.24	0.00041	167309.57	3909232.56	0.00045
167309.57	3909255.88	0.00049	167309.57	3909279.20	0.00051
167262.67	3909120.23	0.00019	167268.87	3909082.16	0.00014
167259.57	3909162.59	0.00027	167259.57	3909185.91	0.00031
167259.57	3909209.24	0.00035	167259.57	3909232.56	0.00039
167259.57	3909255.88	0.00042	167259.57	3909279.20	0.00045
167163.01	3909118.12	0.00016	167169.90	3909075.82	0.00012
167176.79	3909033.51	0.00009	167159.57	3909162.59	0.00021
167159.57	3909185.91	0.00024	167159.57	3909209.24	0.00027
167159.57	3909232.56	0.00029	167159.57	3909255.88	0.00031
167159.57	3909279.20	0.00034	167063.26	3909116.61	0.00013
167066.95	3909093.95	0.00011	167070.64	3909071.28	0.00010
167074.33	3909048.62	0.00009	167078.02	3909025.96	0.00008
167081.71	3909003.30	0.00007	167059.57	3909139.27	0.00015
167059.57	3909162.59	0.00017	167059.57	3909185.91	0.00019
167059.57	3909209.24	0.00021	167059.57	3909232.56	0.00022
167059.57	3909255.88	0.00024	167059.57	3909279.20	0.00026
166963.01	3909118.12	0.00011	166969.90	3909075.82	0.00009
166976.79	3909033.51	0.00007	166983.68	3908991.21	0.00006
166959.57	3909162.59	0.00014	166959.57	3909185.91	0.00015
166959.57	3909209.24	0.00017	166959.57	3909232.56	0.00018
166959.57	3909255.88	0.00019	166959.57	3909279.20	0.00020
166863.19	3909117.06	0.00009	166866.80	3909094.85	0.00008
166874.04	3909050.43	0.00007	166877.65	3909028.22	0.00006
166881.27	3909006.02	0.00006	166884.89	3908983.81	0.00005
166888.50	3908961.60	0.00005	166859.57	3909139.27	0.00010
166859.57	3909162.59	0.00011	166859.57	3909185.91	0.00012
166859.57	3909209.24	0.00014	166859.57	3909232.56	0.00015
166859.57	3909255.88	0.00015	166859.57	3909279.20	0.00016
167540.50	3909215.75	0.00032	167541.64	3909179.96	0.00024
167537.74	3909149.96	0.00015	167536.33	3909120.68	0.00008
167536.33	3909106.64	0.00007	167534.58	3909076.82	0.00006
167559.14	3909104.89	0.00006	167557.39	3909075.06	0.00006
167589.84	3909052.25	0.00008	167615.28	3909003.13	0.00019
167542.47	3909053.13	0.00006	167566.16	3909006.64	0.00007
167539.75	3909198.46	0.00029	167537.08	3909134.72	0.00011
167535.55	3909092.74	0.00006	167558.45	3909089.69	0.00006
167553.49	3909032.06	0.00006	167601.96	3909028.24	0.00012

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 3rd Trimester Concentrations

*** 10/28/21
 *** 02:06:32
 *** PAGE 40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00147 AT (167741.20, 3909041.34, 79.72, 368.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00146 AT (167752.65, 3909019.58, 80.42, 368.83, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00136 AT (167764.10, 3908997.82, 81.20, 368.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00135 AT (167729.75, 3909063.10, 79.43, 368.83, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00131 AT (167786.22, 3909009.46, 82.93, 368.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00130 AT (167774.78, 3909031.22, 82.17, 368.83, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00125 AT (167775.55, 3908976.06, 81.63, 368.83, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00124 AT (167797.67, 3908987.70, 83.55, 368.83, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00121 AT (167763.33, 3909052.98, 81.44, 368.83, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00116 AT (167809.12, 3908965.94, 84.07, 368.83, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 3rd Trimester Concentrations

*** 10/28/21
*** 02:06:32
*** PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 15649 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 12843 Calm Hours Identified

A Total of 2806 Missing Hours Identified (6.40 Percent)

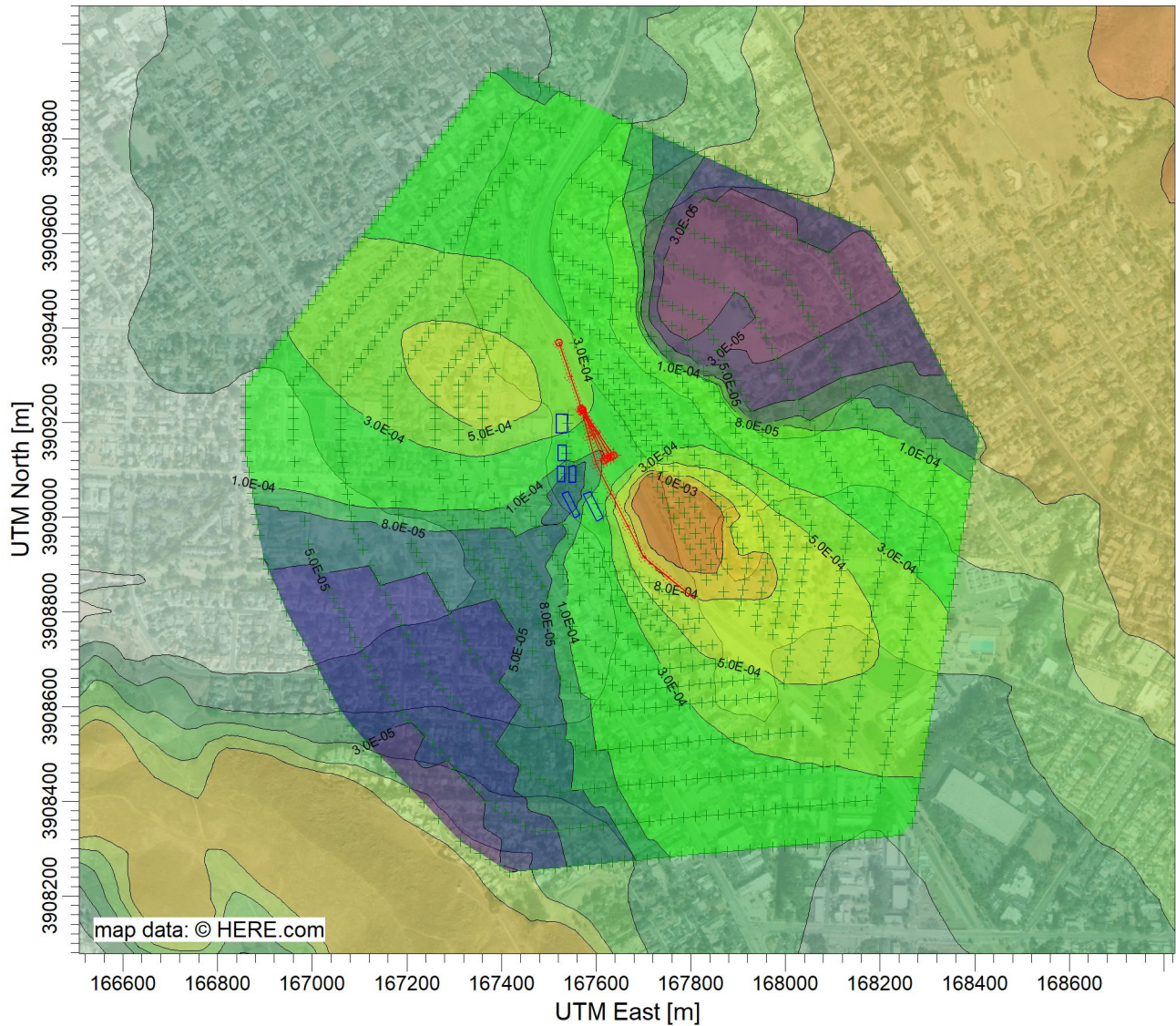
***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours= 48

*** AERMOD Finishes Successfully ***

PROJECT TITLE:

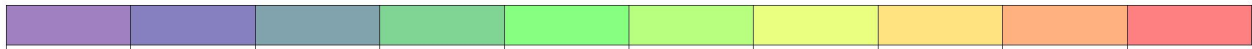
**LOSSAN CCLF DPM HRA
0<2 Age Bin Concentrations**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 1.8E-03 [ug/m³] at (167741.20, 3909041.34)



COMMENTS:

SOURCES:

COMPANY NAME:

10

ERPinc (www.erpinc.com)

RECEPTORS:

MODELER:

1120

Keith Cooper

OUTPUT TYPE:

SCALE:

1:14,564

Concentration

0 0.5 km

MAX:

DATE:

PROJECT NO.:

1.8E-03 ug/m³

10/28/2021


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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 10/28/2021
** File: C:\Lakes\AERMOD View\LOSSAN CCLF 0-2\LOSSAN CCLF 0-2.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE LOSSAN CCLF HRA
  TITLETWO 0<2 Age Bin Concentrations
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 47302 San_Luis_Obispo_2019_population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "LOSSAN CCLF 0-2.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION STCK1      POINT      167616.014  3909119.568      76.470
** DESCRSRC Idle 1
LOCATION STCK2      POINT      167622.766  3909123.402      76.780
** DESCRSRC Idle 2
LOCATION STCK3      POINT      167630.600  3909127.264      77.140
** DESCRSRC Idle 3
LOCATION STCK4      POINT      167636.976  3909130.898      77.430
** DESCRSRC Idle 4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN1
** DESCRSRC Spur
** PREFIX
** Length of Side = 9.12
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 6.5434E-10
** Nodes = 2
** 167521.004, 3909368.620, 77.89, 23.20
** 167570.436, 3909226.139, 75.33, 23.20
** -----

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LOCATION A0000016   AREA   167516.694 3909367.125 77.35
LOCATION A0000017   AREA   167541.410 3909295.884 76.55
** End of LINE AREA Source ID = ARLN1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN2
** DESCRSRC Wash
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 9.9682E-10
** Nodes = 4
** 167568.341, 3909229.227, 75.08, 23.20
** 167599.947, 3909112.532, 76.43, 23.20
** 167700.434, 3908916.418, 75.30, 23.20
** 167805.785, 3908828.897, 80.56, 23.20
** -----
LOCATION A0000009   AREA   167563.515 3909227.920 75.21
LOCATION A0000010   AREA   167579.318 3909169.573 75.00
LOCATION A0000011   AREA   167595.497 3909110.252 75.51
LOCATION A0000012   AREA   167628.993 3909044.881 74.54
LOCATION A0000013   AREA   167662.489 3908979.509 73.87
LOCATION A0000014   AREA   167697.239 3908912.572 75.04
LOCATION A0000015   AREA   167749.915 3908868.811 77.15
** End of LINE AREA Source ID = ARLN2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN3
** DESCRSRC Track 1
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 9.9716E-10
** Nodes = 2
** 167570.373, 3909226.334, 75.33, 23.20
** 167615.611, 3909120.467, 76.52, 23.20
** -----
LOCATION A0000022   AREA   167565.776 3909224.370 75.23
LOCATION A0000023   AREA   167588.394 3909171.436 75.54
** End of LINE AREA Source ID = ARLN3
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN4
** DESCRSRC Track 2
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 9.9821E-10
** Nodes = 2
** 167570.561, 3909226.898, 75.37, 23.20
** 167622.369, 3909124.221, 76.76, 23.20
** -----
LOCATION A0000020   AREA   167566.097 3909224.645 75.26
LOCATION A0000021   AREA   167592.001 3909173.307 75.77

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** End of LINE AREA Source ID = ARLN4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN5
** DESCRSRC Track 3
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.0043E-09
** Nodes = 2
** 167571.124, 3909226.522, 75.38, 23.20
** 167629.689, 3909128.351, 77.31, 23.20
** -----
LOCATION A0000024   AREA   167566.830 3909223.960 75.29
LOCATION A0000025   AREA   167596.113 3909174.875 76.02
** End of LINE AREA Source ID = ARLN5
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN6
** DESCRSRC Track 4
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 9.9642E-10
** Nodes = 2
** 167571.875, 3909227.085, 75.44, 23.20
** 167636.259, 3909131.542, 77.36, 23.20
** -----
LOCATION A0000026   AREA   167567.729 3909224.291 75.35
LOCATION A0000027   AREA   167599.921 3909176.519 76.26
** End of LINE AREA Source ID = ARLN6
** Source Parameters **
SRCPARAM STCK1    0.000045145    4.600    351.000    3.73000    0.666
SRCPARAM STCK2    0.000045145    4.600    351.000    3.73000    0.666
SRCPARAM STCK3    0.000045145    4.600    351.000    3.73000    0.666
SRCPARAM STCK4    0.000045145    4.600    351.000    3.73000    0.666
** LINE AREA Source ID = ARLN1
SRCPARAM A0000016  6.5434E-10    23.200    75.406    9.124    70.866    10.770
SRCPARAM A0000017  6.5434E-10    23.200    75.406    9.124    70.866    10.770
** -----
** LINE AREA Source ID = ARLN2
SRCPARAM A0000009  9.9682E-10    23.200    60.450    10.000    74.846    10.770
SRCPARAM A0000010  9.9682E-10    23.200    60.450    10.000    74.846    10.770
SRCPARAM A0000011  9.9682E-10    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000012  9.9682E-10    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000013  9.9682E-10    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000014  9.9682E-10    23.200    68.481    10.000    39.719    10.770
SRCPARAM A0000015  9.9682E-10    23.200    68.481    10.000    39.719    10.770
** -----
** LINE AREA Source ID = ARLN3
SRCPARAM A0000022  9.9716E-10    23.200    57.564    10.000    66.863    10.770
SRCPARAM A0000023  9.9716E-10    23.200    57.564    10.000    66.863    10.770
** -----
** LINE AREA Source ID = ARLN4
SRCPARAM A0000020  9.9821E-10    23.200    57.503    10.000    63.226    10.770

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SRCPARAM A0000021	9.9821E-10	23.200	57.503	10.000	63.226	10.770

** LINE AREA Source ID = ARLN5						
SRCPARAM A0000024	1.0043E-09	23.200	57.156	10.000	59.181	10.770
SRCPARAM A0000025	1.0043E-09	23.200	57.156	10.000	59.181	10.770

** LINE AREA Source ID = ARLN6						
SRCPARAM A0000026	9.9642E-10	23.200	57.606	10.000	56.025	10.770
SRCPARAM A0000027	9.9642E-10	23.200	57.606	10.000	56.025	10.770

** Building Downwash **						
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00

YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00

URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"

** Variable Emission Scenario: "Scenario 1"

EMISFACT	STCK1	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000014	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0

```
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
```

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

RE STARTING
INCLUDED "LOSSAN CCLF 0-2.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**

ME STARTING

```
SURFFILE 722897\722897.SFC
PROFFILE 722897\722897.PFL
SURFDATA 93206 2009 SLO_Regional_Airport
UAIRDATA 93214 2009
PROFBASE 61.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "LOSSAN CCLF 0-2.AD\AN00GALL.PLT" 31
   SUMMFILE "LOSSAN CCLF 0-2.sum"
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****
```


*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 21 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 47302.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 21 Source(s); 1 Source Group(s); and 1120 Receptor(s)
with: 4 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 17 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 61.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LOSSAN CCLF 0-2.err
**File for Summary of Results: LOSSAN CCLF 0-2.sum

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.45145E-04	167616.0	3909119.6	76.5	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK2	0	0.45145E-04	167622.8	3909123.4	76.8	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK3	0	0.45145E-04	167630.6	3909127.3	77.1	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK4	0	0.45145E-04	167637.0	3909130.9	77.4	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
A0000016	0	0.65434E-09	167516.7	3909367.1	77.3	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000017	0	0.65434E-09	167541.4	3909295.9	76.5	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000009	0	0.99682E-09	167563.5	3909227.9	75.2	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000010	0	0.99682E-09	167579.3	3909169.6	75.0	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000011	0	0.99682E-09	167595.5	3909110.3	75.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000012	0	0.99682E-09	167629.0	3909044.9	74.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000013	0	0.99682E-09	167662.5	3908979.5	73.9	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000014	0	0.99682E-09	167697.2	3908912.6	75.0	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000015	0	0.99682E-09	167749.9	3908868.8	77.1	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000022	0	0.99716E-09	167565.8	3909224.4	75.2	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000023	0	0.99716E-09	167588.4	3909171.4	75.5	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000020	0	0.99821E-09	167566.1	3909224.6	75.3	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000021	0	0.99821E-09	167592.0	3909173.3	75.8	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000024	0	0.10043E-08	167566.8	3909224.0	75.3	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000025	0	0.10043E-08	167596.1	3909174.9	76.0	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000026	0	0.99642E-09	167567.7	3909224.3	75.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY
A0000027	0	0.99642E-09	167599.9	3909176.5	76.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL STCK1 , STCK2 , STCK3 , STCK4 , A0000016 , A0000017 , A0000009 , A0000010 ,
A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000022 , A0000023 , A0000020 ,
A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs								
-----	-----	-----	-----	-----	-----	-----	-----			
A0000010	47302.	STCK1	, STCK2	, STCK3	, STCK4	, A0000016	, A0000017	, A0000009	,	
		A0000011	, A0000012	, A0000013	, A0000014	, A0000015	, A0000022	, A0000023	, A0000020	,
		A0000021	, A0000024	, A0000025	, A0000026	, A0000027				,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = STCK1 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK2 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK3 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK4 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000016 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000017 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000009 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000010 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000011 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000012 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000013 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000014 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000015 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000022 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000023 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000020 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000021 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000024 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000025 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000026 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations

*** 10/28/21
*** 03:59:48
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(167603.8, 3909302.5, 81.6, 368.8, 0.0);	(167615.3, 3909280.7, 81.2, 368.8, 0.0);
(167626.7, 3909259.0, 80.8, 368.8, 0.0);	(167638.2, 3909237.2, 80.5, 368.8, 0.0);
(167649.6, 3909215.4, 80.1, 368.8, 0.0);	(167661.1, 3909193.7, 79.9, 368.8, 0.0);
(167672.5, 3909171.9, 79.8, 368.8, 0.0);	(167684.0, 3909150.1, 79.7, 368.8, 0.0);
(167695.4, 3909128.4, 79.5, 368.8, 0.0);	(167706.9, 3909106.6, 79.3, 368.8, 0.0);
(167718.3, 3909084.9, 79.3, 368.8, 0.0);	(167729.8, 3909063.1, 79.4, 368.8, 0.0);
(167741.2, 3909041.3, 79.7, 368.8, 0.0);	(167752.6, 3909019.6, 80.4, 368.8, 0.0);
(167764.1, 3908997.8, 81.2, 368.8, 0.0);	(167775.5, 3908976.1, 81.6, 368.8, 0.0);
(167787.0, 3908954.3, 82.0, 368.8, 0.0);	(167798.4, 3908932.5, 82.4, 368.8, 0.0);
(167809.9, 3908910.8, 82.9, 368.8, 0.0);	(167821.3, 3908889.0, 83.3, 368.8, 0.0);
(167832.8, 3908867.2, 83.6, 368.8, 0.0);	(167853.8, 3908846.1, 81.9, 368.8, 0.0);
(167854.9, 3908824.4, 83.9, 368.8, 0.0);	(167883.2, 3908803.2, 83.3, 368.8, 0.0);
(167878.0, 3908781.4, 82.9, 368.8, 0.0);	(167912.9, 3908760.4, 82.2, 368.8, 0.0);
(167901.1, 3908738.5, 81.8, 368.8, 0.0);	(167942.5, 3908717.7, 81.5, 368.8, 0.0);
(167924.2, 3908695.6, 81.1, 368.8, 0.0);	(167972.1, 3908675.0, 80.9, 368.8, 0.0);
(167947.3, 3908652.7, 80.7, 368.8, 0.0);	(168001.6, 3908632.2, 80.5, 368.8, 0.0);
(167970.4, 3908609.8, 80.6, 368.8, 0.0);	(168031.1, 3908589.5, 80.8, 368.8, 0.0);
(167993.5, 3908567.0, 81.4, 368.8, 0.0);	(168060.6, 3908546.8, 82.2, 368.8, 0.0);
(168016.6, 3908524.2, 82.9, 368.8, 0.0);	(168090.1, 3908504.1, 83.5, 368.8, 0.0);
(168039.7, 3908481.4, 84.1, 368.8, 0.0);	(168119.6, 3908461.4, 84.5, 368.8, 0.0);
(168062.8, 3908438.5, 85.1, 368.8, 0.0);	(168149.1, 3908418.7, 86.6, 368.8, 0.0);
(168085.9, 3908395.7, 86.4, 368.8, 0.0);	(168178.6, 3908376.0, 85.1, 368.8, 0.0);
(168109.0, 3908352.9, 80.5, 368.8, 0.0);	(168208.1, 3908333.3, 86.4, 368.8, 0.0);
(168132.1, 3908310.1, 85.6, 368.8, 0.0);	(168237.6, 3908290.6, 84.9, 368.8, 0.0);
(168155.2, 3908267.3, 83.9, 368.8, 0.0);	(168267.1, 3908247.9, 83.2, 368.8, 0.0);
(168178.3, 3908224.5, 83.1, 368.8, 0.0);	(168296.6, 3908205.2, 83.2, 368.8, 0.0);
(168201.4, 3908181.7, 82.1, 368.8, 0.0);	(168326.1, 3908162.5, 82.6, 368.8, 0.0);
(168224.5, 3908139.0, 81.8, 368.8, 0.0);	(168355.6, 3908119.8, 82.0, 368.8, 0.0);
(168247.6, 3908096.2, 81.8, 368.8, 0.0);	(168385.1, 3908077.1, 81.7, 368.8, 0.0);
(168270.7, 3908053.4, 83.4, 368.8, 0.0);	(168414.6, 3908034.4, 82.6, 368.8, 0.0);
(168293.8, 3908010.6, 85.1, 368.8, 0.0);	(168444.1, 3907991.7, 84.3, 368.8, 0.0);
(168316.9, 3907967.8, 88.2, 368.8, 0.0);	(168473.6, 3907949.0, 85.7, 368.8, 0.0);
(168340.0, 3907925.0, 92.9, 368.8, 0.0);	(168503.1, 3907906.3, 91.5, 368.8, 0.0);
(168363.1, 3907882.3, 90.8, 368.8, 0.0);	(168532.6, 3907863.6, 93.8, 368.8, 0.0);
(168386.2, 3907839.5, 88.9, 368.8, 0.0);	(168562.1, 3907820.9, 90.8, 368.8, 0.0);
(168409.3, 3907796.7, 84.4, 368.8, 0.0);	(168591.6, 3907778.2, 86.5, 368.8, 0.0);
(168432.4, 3907753.9, 84.4, 368.8, 0.0);	(168621.1, 3907735.5, 82.5, 368.8, 0.0);
(168455.5, 3907711.1, 80.8, 368.8, 0.0);	(168650.6, 3907692.8, 82.5, 368.8, 0.0);
(168478.6, 3907668.3, 80.8, 368.8, 0.0);	(168680.1, 3907650.1, 94.0, 368.8, 0.0);
(168501.7, 3907625.5, 93.1, 368.8, 0.0);	(168709.6, 3907607.4, 91.2, 368.8, 0.0);
(168524.8, 3907582.7, 88.7, 368.8, 0.0);	(168739.1, 3907564.7, 87.7, 368.8, 0.0);
(168547.9, 3907539.9, 87.0, 368.8, 0.0);	(168768.6, 3907522.0, 85.5, 368.8, 0.0);
(168571.0, 3907497.2, 84.9, 368.8, 0.0);	(168798.1, 3907479.3, 84.8, 368.8, 0.0);
(168594.1, 3907454.4, 84.3, 368.8, 0.0);	(168827.6, 3907436.6, 83.8, 368.8, 0.0);
(168617.2, 3907411.6, 83.7, 368.8, 0.0);	(168857.1, 3907393.9, 84.1, 368.8, 0.0);
(168640.3, 3907368.8, 85.2, 368.8, 0.0);	(168886.6, 3907351.2, 86.3, 368.8, 0.0);
(168663.4, 3907326.0, 88.1, 368.8, 0.0);	(168916.1, 3907308.5, 92.3, 368.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167886.9, 3908979.1,	97.3,	368.8,	0.0);	(167898.4, 3908957.3,	98.5,	368.8,	0.0);
(167909.8, 3908935.6,	97.7,	368.8,	0.0);	(167921.3, 3908913.8,	94.8,	368.8,	0.0);
(167716.1, 3909381.5,	101.3,	368.8,	0.0);	(167675.2, 3909399.9,	97.3,	368.8,	0.0);
(167634.3, 3909418.2,	90.7,	368.8,	0.0);	(167593.4, 3909436.6,	85.2,	368.8,	0.0);
(167552.5, 3909455.0,	81.9,	368.8,	0.0);	(167387.2, 3909314.5,	70.2,	368.8,	0.0);
(167373.4, 3909296.8,	69.5,	368.8,	0.0);	(167748.0, 3909350.6,	102.0,	368.8,	0.0);
(167759.5, 3909328.8,	100.5,	368.8,	0.0);	(167770.9, 3909307.0,	97.9,	368.8,	0.0);
(167782.4, 3909285.3,	96.2,	368.8,	0.0);	(167793.8, 3909263.5,	93.7,	368.8,	0.0);
(167805.3, 3909241.8,	91.0,	368.8,	0.0);	(167816.7, 3909220.0,	90.5,	368.8,	0.0);
(167828.2, 3909198.2,	89.9,	368.8,	0.0);	(167839.6, 3909176.5,	88.3,	368.8,	0.0);
(167851.1, 3909154.7,	87.2,	368.8,	0.0);	(167862.5, 3909132.9,	86.5,	368.8,	0.0);
(167873.9, 3909111.2,	86.3,	368.8,	0.0);	(167885.4, 3909089.4,	86.0,	368.8,	0.0);
(167896.8, 3909067.7,	87.6,	368.8,	0.0);	(167908.3, 3909045.9,	89.1,	368.8,	0.0);
(167919.8, 3909024.1,	90.0,	368.8,	0.0);	(167931.2, 3909002.4,	91.0,	368.8,	0.0);
(167942.6, 3908980.6,	91.0,	368.8,	0.0);	(167954.1, 3908958.8,	90.0,	368.8,	0.0);
(167965.5, 3908937.1,	88.1,	368.8,	0.0);	(167759.2, 3909405.3,	113.0,	368.8,	0.0);
(167737.6, 3909415.0,	110.3,	368.8,	0.0);	(167715.9, 3909424.8,	106.7,	368.8,	0.0);
(167694.3, 3909434.5,	101.9,	368.8,	0.0);	(167672.7, 3909444.2,	97.3,	368.8,	0.0);
(167651.0, 3909453.9,	92.8,	368.8,	0.0);	(167629.4, 3909463.6,	89.2,	368.8,	0.0);
(167607.8, 3909473.3,	86.3,	368.8,	0.0);	(167586.1, 3909483.0,	84.3,	368.8,	0.0);
(167564.5, 3909492.8,	82.8,	368.8,	0.0);	(167542.9, 3909502.5,	81.6,	368.8,	0.0);
(167521.2, 3909512.2,	80.4,	368.8,	0.0);	(167411.9, 3909409.9,	72.5,	368.8,	0.0);
(167397.3, 3909391.2,	71.7,	368.8,	0.0);	(167382.7, 3909372.5,	70.8,	368.8,	0.0);
(167368.0, 3909353.9,	70.0,	368.8,	0.0);	(167353.4, 3909335.2,	69.4,	368.8,	0.0);
(167338.8, 3909316.5,	68.8,	368.8,	0.0);	(167324.2, 3909297.9,	68.1,	368.8,	0.0);
(167780.8, 3909395.6,	116.0,	368.8,	0.0);	(167792.3, 3909373.8,	114.8,	368.8,	0.0);
(167803.7, 3909352.1,	112.9,	368.8,	0.0);	(167815.2, 3909330.3,	109.3,	368.8,	0.0);
(167826.6, 3909308.5,	104.4,	368.8,	0.0);	(167838.1, 3909286.8,	99.9,	368.8,	0.0);
(167849.5, 3909265.0,	97.7,	368.8,	0.0);	(167861.0, 3909243.3,	99.0,	368.8,	0.0);
(167872.4, 3909221.5,	98.5,	368.8,	0.0);	(167883.9, 3909199.7,	97.4,	368.8,	0.0);
(167895.3, 3909178.0,	96.1,	368.8,	0.0);	(167906.8, 3909156.2,	94.6,	368.8,	0.0);
(167918.2, 3909134.5,	93.2,	368.8,	0.0);	(167929.6, 3909112.7,	91.8,	368.8,	0.0);
(167941.1, 3909090.9,	91.3,	368.8,	0.0);	(167952.5, 3909069.2,	90.8,	368.8,	0.0);
(167964.0, 3909047.4,	90.5,	368.8,	0.0);	(167975.4, 3909025.6,	89.9,	368.8,	0.0);
(167986.9, 3909003.9,	88.9,	368.8,	0.0);	(167998.3, 3908982.1,	87.5,	368.8,	0.0);
(168009.8, 3908960.4,	86.1,	368.8,	0.0);	(167804.0, 3909428.3,	128.4,	368.8,	0.0);
(167782.9, 3909437.8,	125.1,	368.8,	0.0);	(167761.8, 3909447.3,	120.2,	368.8,	0.0);
(167740.7, 3909456.8,	113.8,	368.8,	0.0);	(167719.6, 3909466.2,	106.8,	368.8,	0.0);
(167698.5, 3909475.7,	100.5,	368.8,	0.0);	(167677.4, 3909485.2,	96.2,	368.8,	0.0);
(167656.3, 3909494.7,	92.7,	368.8,	0.0);	(167635.3, 3909504.1,	89.7,	368.8,	0.0);
(167614.2, 3909513.6,	87.0,	368.8,	0.0);	(167593.1, 3909523.1,	85.0,	368.8,	0.0);
(167572.0, 3909532.5,	83.8,	368.8,	0.0);	(167550.9, 3909542.0,	82.7,	368.8,	0.0);
(167529.8, 3909551.5,	81.4,	368.8,	0.0);	(167508.7, 3909561.0,	80.0,	368.8,	0.0);
(167416.4, 3909479.4,	73.7,	368.8,	0.0);	(167402.1, 3909461.2,	72.9,	368.8,	0.0);
(167387.9, 3909443.0,	72.0,	368.8,	0.0);	(167373.6, 3909424.8,	71.1,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167359.3, 3909406.6,	70.2,	368.8,	0.0);	(167345.1, 3909388.4,	69.4,	368.8,	0.0);
(167330.8, 3909370.2,	68.9,	368.8,	0.0);	(167316.6, 3909352.0,	68.6,	368.8,	0.0);
(167302.3, 3909333.8,	67.9,	368.8,	0.0);	(167288.1, 3909315.6,	67.3,	368.8,	0.0);
(167273.8, 3909297.4,	66.8,	368.8,	0.0);	(167825.1, 3909418.9,	131.5,	368.8,	0.0);
(167836.5, 3909397.1,	129.6,	368.8,	0.0);	(167848.0, 3909375.3,	126.7,	368.8,	0.0);
(167859.4, 3909353.6,	119.8,	368.8,	0.0);	(167870.9, 3909331.8,	109.9,	368.8,	0.0);
(167882.3, 3909310.1,	109.5,	368.8,	0.0);	(167893.8, 3909288.3,	109.3,	368.8,	0.0);
(167905.2, 3909266.5,	109.1,	368.8,	0.0);	(167916.7, 3909244.8,	108.8,	368.8,	0.0);
(167928.1, 3909223.0,	107.2,	368.8,	0.0);	(167939.6, 3909201.3,	104.6,	368.8,	0.0);
(167951.0, 3909179.5,	101.2,	368.8,	0.0);	(167962.4, 3909157.7,	98.9,	368.8,	0.0);
(167973.9, 3909136.0,	96.8,	368.8,	0.0);	(167985.3, 3909114.2,	95.1,	368.8,	0.0);
(167996.8, 3909092.4,	93.5,	368.8,	0.0);	(168008.2, 3909070.7,	92.2,	368.8,	0.0);
(168019.7, 3909048.9,	90.7,	368.8,	0.0);	(168031.1, 3909027.2,	89.2,	368.8,	0.0);
(168042.6, 3909005.4,	87.7,	368.8,	0.0);	(168054.0, 3908983.6,	86.3,	368.8,	0.0);
(167892.1, 3909475.1,	154.3,	368.8,	0.0);	(167870.7, 3909484.7,	152.4,	368.8,	0.0);
(167849.3, 3909494.3,	147.6,	368.8,	0.0);	(167827.9, 3909503.9,	141.0,	368.8,	0.0);
(167806.4, 3909513.5,	133.8,	368.8,	0.0);	(167785.0, 3909523.2,	126.5,	368.8,	0.0);
(167763.6, 3909532.8,	118.3,	368.8,	0.0);	(167742.2, 3909542.4,	111.2,	368.8,	0.0);
(167720.8, 3909552.0,	104.7,	368.8,	0.0);	(167699.3, 3909561.7,	99.5,	368.8,	0.0);
(167677.9, 3909571.3,	97.3,	368.8,	0.0);	(167656.5, 3909580.9,	95.2,	368.8,	0.0);
(167635.0, 3909590.5,	92.3,	368.8,	0.0);	(167613.6, 3909600.2,	89.5,	368.8,	0.0);
(167592.2, 3909609.8,	87.1,	368.8,	0.0);	(167570.8, 3909619.4,	85.1,	368.8,	0.0);
(167549.3, 3909629.0,	83.5,	368.8,	0.0);	(167527.9, 3909638.7,	81.3,	368.8,	0.0);
(167518.0, 3909600.2,	80.9,	368.8,	0.0);	(167385.3, 3909619.1,	72.1,	368.8,	0.0);
(167391.2, 3909575.1,	72.6,	368.8,	0.0);	(167376.8, 3909556.6,	72.0,	368.8,	0.0);
(167362.3, 3909538.1,	71.5,	368.8,	0.0);	(167347.8, 3909519.6,	70.9,	368.8,	0.0);
(167333.3, 3909501.1,	70.4,	368.8,	0.0);	(167318.8, 3909482.6,	69.8,	368.8,	0.0);
(167304.4, 3909464.1,	69.1,	368.8,	0.0);	(167289.9, 3909445.6,	68.5,	368.8,	0.0);
(167275.4, 3909427.1,	67.6,	368.8,	0.0);	(167260.9, 3909408.6,	67.0,	368.8,	0.0);
(167246.4, 3909390.1,	66.6,	368.8,	0.0);	(167232.0, 3909371.7,	66.1,	368.8,	0.0);
(167217.5, 3909353.2,	65.7,	368.8,	0.0);	(167203.0, 3909334.7,	65.2,	368.8,	0.0);
(167188.5, 3909316.2,	64.7,	368.8,	0.0);	(167174.0, 3909297.7,	64.2,	368.8,	0.0);
(167913.6, 3909465.4,	154.5,	368.8,	0.0);	(167925.0, 3909443.7,	152.5,	368.8,	0.0);
(167936.5, 3909421.9,	149.4,	368.8,	0.0);	(167947.9, 3909400.1,	145.1,	368.8,	0.0);
(167959.4, 3909378.4,	140.3,	368.8,	0.0);	(167970.8, 3909356.6,	135.0,	368.8,	0.0);
(167982.3, 3909334.9,	129.0,	368.8,	0.0);	(167993.7, 3909313.1,	122.8,	368.8,	0.0);
(168005.2, 3909291.3,	116.5,	368.8,	0.0);	(168016.6, 3909269.6,	110.6,	368.8,	0.0);
(168028.1, 3909247.8,	107.3,	368.8,	0.0);	(168039.5, 3909226.1,	104.8,	368.8,	0.0);
(168050.9, 3909204.3,	102.5,	368.8,	0.0);	(168062.4, 3909182.5,	100.3,	368.8,	0.0);
(168073.8, 3909160.8,	98.2,	368.8,	0.0);	(168085.3, 3909139.0,	96.6,	368.8,	0.0);
(168096.8, 3909117.2,	94.7,	368.8,	0.0);	(168108.2, 3909095.5,	92.8,	368.8,	0.0);
(168119.6, 3909073.7,	91.0,	368.8,	0.0);	(168131.1, 3909052.0,	89.5,	368.8,	0.0);
(168142.5, 3909030.2,	88.1,	368.8,	0.0);	(167980.4, 3909521.7,	142.8,	368.8,	0.0);
(167958.8, 3909531.4,	143.6,	368.8,	0.0);	(167937.2, 3909541.1,	144.5,	368.8,	0.0);
(167915.5, 3909550.9,	145.3,	368.8,	0.0);	(167893.9, 3909560.6,	144.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167872.3, 3909570.3,	140.7,	368.8,	0.0);	(167850.7, 3909580.0,	135.5,	368.8,	0.0);
(167829.0, 3909589.7,	128.6,	368.8,	0.0);	(167807.4, 3909599.4,	121.2,	368.8,	0.0);
(167785.8, 3909609.2,	113.5,	368.8,	0.0);	(167764.1, 3909618.9,	107.5,	368.8,	0.0);
(167742.5, 3909628.6,	102.5,	368.8,	0.0);	(167720.9, 3909638.3,	99.0,	368.8,	0.0);
(167699.2, 3909648.0,	96.3,	368.8,	0.0);	(167677.6, 3909657.7,	93.6,	368.8,	0.0);
(167656.0, 3909667.4,	91.0,	368.8,	0.0);	(167634.3, 3909677.2,	88.3,	368.8,	0.0);
(167612.7, 3909686.9,	86.4,	368.8,	0.0);	(167591.1, 3909696.6,	84.6,	368.8,	0.0);
(167569.5, 3909706.3,	82.4,	368.8,	0.0);	(167547.8, 3909716.0,	80.1,	368.8,	0.0);
(167482.9, 3909745.2,	74.4,	368.8,	0.0);	(167461.3, 3909754.9,	73.0,	368.8,	0.0);
(167425.1, 3909745.9,	71.3,	368.8,	0.0);	(167410.4, 3909727.3,	70.9,	368.8,	0.0);
(167395.8, 3909708.6,	70.8,	368.8,	0.0);	(167381.2, 3909689.9,	70.6,	368.8,	0.0);
(167366.6, 3909671.3,	70.4,	368.8,	0.0);	(167352.0, 3909652.6,	70.1,	368.8,	0.0);
(167337.3, 3909633.9,	69.7,	368.8,	0.0);	(167322.7, 3909615.2,	69.4,	368.8,	0.0);
(167308.1, 3909596.6,	69.2,	368.8,	0.0);	(167293.5, 3909577.9,	69.1,	368.8,	0.0);
(167278.9, 3909559.2,	68.9,	368.8,	0.0);	(167264.2, 3909540.6,	68.7,	368.8,	0.0);
(167249.6, 3909521.9,	68.2,	368.8,	0.0);	(167235.0, 3909503.2,	67.8,	368.8,	0.0);
(167220.4, 3909484.6,	67.1,	368.8,	0.0);	(167205.8, 3909465.9,	66.6,	368.8,	0.0);
(167191.1, 3909447.2,	66.0,	368.8,	0.0);	(167176.5, 3909428.6,	65.4,	368.8,	0.0);
(167161.9, 3909409.9,	64.8,	368.8,	0.0);	(167147.3, 3909391.2,	64.4,	368.8,	0.0);
(167132.7, 3909372.5,	63.9,	368.8,	0.0);	(167118.0, 3909353.9,	63.5,	368.8,	0.0);
(167103.4, 3909335.2,	63.0,	368.8,	0.0);	(167088.8, 3909316.5,	62.4,	368.8,	0.0);
(167074.2, 3909297.9,	61.9,	368.8,	0.0);	(168002.1, 3909512.0,	141.1,	368.8,	0.0);
(168013.5, 3909490.2,	141.9,	368.8,	0.0);	(168025.0, 3909468.5,	141.3,	368.8,	0.0);
(168036.4, 3909446.7,	139.7,	368.8,	0.0);	(168047.9, 3909424.9,	135.7,	368.8,	0.0);
(168059.3, 3909403.2,	131.2,	368.8,	0.0);	(168070.8, 3909381.4,	126.1,	368.8,	0.0);
(168082.2, 3909359.7,	121.6,	368.8,	0.0);	(168093.7, 3909337.9,	115.8,	368.8,	0.0);
(168105.1, 3909316.1,	110.6,	368.8,	0.0);	(168116.6, 3909294.4,	106.5,	368.8,	0.0);
(168128.0, 3909272.6,	103.0,	368.8,	0.0);	(168139.4, 3909250.9,	99.8,	368.8,	0.0);
(168150.9, 3909229.1,	97.6,	368.8,	0.0);	(168162.3, 3909207.3,	96.5,	368.8,	0.0);
(168173.8, 3909185.6,	95.5,	368.8,	0.0);	(168185.2, 3909163.8,	94.9,	368.8,	0.0);
(168196.7, 3909142.0,	94.0,	368.8,	0.0);	(168208.1, 3909120.3,	93.1,	368.8,	0.0);
(168219.6, 3909098.5,	92.0,	368.8,	0.0);	(168231.0, 3909076.8,	90.8,	368.8,	0.0);
(168068.8, 3909568.3,	115.7,	368.8,	0.0);	(168047.0, 3909578.1,	117.2,	368.8,	0.0);
(168025.3, 3909587.9,	117.5,	368.8,	0.0);	(168003.5, 3909597.7,	117.4,	368.8,	0.0);
(167981.7, 3909607.4,	118.1,	368.8,	0.0);	(167959.9, 3909617.2,	119.0,	368.8,	0.0);
(167938.2, 3909627.0,	119.1,	368.8,	0.0);	(167916.4, 3909636.8,	119.0,	368.8,	0.0);
(167894.6, 3909646.6,	117.6,	368.8,	0.0);	(167872.9, 3909656.3,	114.5,	368.8,	0.0);
(167851.1, 3909666.1,	110.2,	368.8,	0.0);	(167829.3, 3909675.9,	105.2,	368.8,	0.0);
(167807.6, 3909685.7,	100.4,	368.8,	0.0);	(167785.8, 3909695.5,	96.7,	368.8,	0.0);
(167764.0, 3909705.2,	94.2,	368.8,	0.0);	(167742.2, 3909715.0,	91.6,	368.8,	0.0);
(167720.5, 3909724.8,	89.3,	368.8,	0.0);	(167698.7, 3909734.6,	87.0,	368.8,	0.0);
(167676.9, 3909744.3,	85.2,	368.8,	0.0);	(167655.2, 3909754.1,	83.9,	368.8,	0.0);
(167633.4, 3909763.9,	82.7,	368.8,	0.0);	(167611.6, 3909773.7,	81.1,	368.8,	0.0);
(167524.5, 3909812.8,	74.5,	368.8,	0.0);	(167502.8, 3909822.6,	73.2,	368.8,	0.0);
(167481.0, 3909832.4,	72.0,	368.8,	0.0);	(167459.2, 3909842.1,	70.8,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167437.5, 3909851.9,	69.7,	368.8,	0.0);	(167401.0, 3909842.9,	68.6,	368.8,	0.0);
(167386.3, 3909824.1,	68.1,	368.8,	0.0);	(167371.5, 3909805.3,	68.0,	368.8,	0.0);
(167356.8, 3909786.5,	67.8,	368.8,	0.0);	(167342.1, 3909767.7,	67.8,	368.8,	0.0);
(167327.4, 3909748.9,	67.8,	368.8,	0.0);	(167312.7, 3909730.2,	67.7,	368.8,	0.0);
(167298.0, 3909711.4,	67.7,	368.8,	0.0);	(167283.3, 3909692.6,	67.6,	368.8,	0.0);
(167268.6, 3909673.8,	67.4,	368.8,	0.0);	(167253.8, 3909655.0,	67.2,	368.8,	0.0);
(167239.1, 3909636.2,	67.1,	368.8,	0.0);	(167224.4, 3909617.4,	67.1,	368.8,	0.0);
(167209.7, 3909598.6,	67.0,	368.8,	0.0);	(167195.0, 3909579.8,	66.8,	368.8,	0.0);
(167180.3, 3909561.0,	66.4,	368.8,	0.0);	(167165.6, 3909542.3,	65.8,	368.8,	0.0);
(167150.8, 3909523.5,	65.2,	368.8,	0.0);	(167136.1, 3909504.7,	64.5,	368.8,	0.0);
(167121.4, 3909485.9,	63.9,	368.8,	0.0);	(167106.7, 3909467.1,	63.5,	368.8,	0.0);
(167092.0, 3909448.3,	63.1,	368.8,	0.0);	(167077.3, 3909429.5,	62.8,	368.8,	0.0);
(167062.6, 3909410.7,	62.4,	368.8,	0.0);	(167047.8, 3909391.9,	62.1,	368.8,	0.0);
(167033.1, 3909373.1,	61.8,	368.8,	0.0);	(167018.4, 3909354.4,	61.5,	368.8,	0.0);
(167003.7, 3909335.6,	61.3,	368.8,	0.0);	(166989.0, 3909316.8,	60.9,	368.8,	0.0);
(166974.3, 3909298.0,	60.5,	368.8,	0.0);	(168090.6, 3909558.5,	114.1,	368.8,	0.0);
(168102.0, 3909536.8,	116.3,	368.8,	0.0);	(168113.5, 3909515.0,	118.5,	368.8,	0.0);
(168124.9, 3909493.3,	119.3,	368.8,	0.0);	(168136.4, 3909471.5,	119.1,	368.8,	0.0);
(168147.8, 3909449.8,	118.2,	368.8,	0.0);	(168159.3, 3909428.0,	115.6,	368.8,	0.0);
(168170.7, 3909406.2,	112.5,	368.8,	0.0);	(168182.2, 3909384.5,	109.7,	368.8,	0.0);
(168193.6, 3909362.7,	108.1,	368.8,	0.0);	(168205.1, 3909340.9,	106.3,	368.8,	0.0);
(168216.5, 3909319.2,	104.2,	368.8,	0.0);	(168227.9, 3909297.4,	102.0,	368.8,	0.0);
(168239.4, 3909275.6,	100.6,	368.8,	0.0);	(168250.8, 3909253.9,	99.6,	368.8,	0.0);
(168262.3, 3909232.1,	98.3,	368.8,	0.0);	(168273.8, 3909210.4,	97.3,	368.8,	0.0);
(168285.2, 3909188.6,	96.7,	368.8,	0.0);	(168296.6, 3909166.8,	95.9,	368.8,	0.0);
(168308.1, 3909145.1,	95.4,	368.8,	0.0);	(168319.5, 3909123.3,	95.0,	368.8,	0.0);
(168157.2, 3909614.9,	107.6,	368.8,	0.0);	(168135.3, 3909624.8,	105.7,	368.8,	0.0);
(168113.5, 3909634.6,	103.8,	368.8,	0.0);	(168091.6, 3909644.4,	103.0,	368.8,	0.0);
(168069.7, 3909654.2,	102.4,	368.8,	0.0);	(168047.8, 3909664.1,	101.5,	368.8,	0.0);
(168026.0, 3909673.9,	100.8,	368.8,	0.0);	(168004.1, 3909683.7,	100.3,	368.8,	0.0);
(167982.2, 3909693.5,	99.6,	368.8,	0.0);	(167960.4, 3909703.3,	98.8,	368.8,	0.0);
(167938.5, 3909713.2,	97.9,	368.8,	0.0);	(167916.6, 3909723.0,	97.0,	368.8,	0.0);
(167894.8, 3909732.8,	95.7,	368.8,	0.0);	(167872.9, 3909742.6,	94.6,	368.8,	0.0);
(167851.0, 3909752.5,	93.2,	368.8,	0.0);	(167829.1, 3909762.3,	91.4,	368.8,	0.0);
(167807.3, 3909772.1,	89.6,	368.8,	0.0);	(167785.4, 3909781.9,	87.8,	368.8,	0.0);
(167763.5, 3909791.8,	86.0,	368.8,	0.0);	(167741.6, 3909801.6,	84.4,	368.8,	0.0);
(167719.8, 3909811.4,	82.7,	368.8,	0.0);	(167697.9, 3909821.2,	81.1,	368.8,	0.0);
(167676.0, 3909831.1,	79.9,	368.8,	0.0);	(167654.2, 3909840.9,	79.1,	368.8,	0.0);
(167566.7, 3909880.2,	75.4,	368.8,	0.0);	(167544.8, 3909890.0,	74.5,	368.8,	0.0);
(167522.9, 3909899.8,	73.0,	368.8,	0.0);	(167501.1, 3909909.7,	70.6,	368.8,	0.0);
(167479.2, 3909919.5,	68.7,	368.8,	0.0);	(167457.3, 3909929.3,	67.9,	368.8,	0.0);
(167435.5, 3909939.1,	67.7,	368.8,	0.0);	(167413.6, 3909948.9,	67.6,	368.8,	0.0);
(167376.9, 3909939.9,	67.4,	368.8,	0.0);	(167362.1, 3909921.0,	67.4,	368.8,	0.0);
(167347.4, 3909902.1,	67.4,	368.8,	0.0);	(167332.6, 3909883.3,	67.2,	368.8,	0.0);
(167317.8, 3909864.4,	67.1,	368.8,	0.0);	(167303.0, 3909845.5,	67.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(167288.2, 3909826.6,	67.0,	368.8,	0.0);	(167273.5, 3909807.8,	66.9,	368.8,	0.0);
(167258.7, 3909788.9,	66.8,	368.8,	0.0);	(167243.9, 3909770.0,	66.7,	368.8,	0.0);
(167229.1, 3909751.1,	66.5,	368.8,	0.0);	(167214.3, 3909732.2,	66.4,	368.8,	0.0);
(167199.5, 3909713.4,	66.2,	368.8,	0.0);	(167184.8, 3909694.5,	65.9,	368.8,	0.0);
(167170.0, 3909675.6,	65.8,	368.8,	0.0);	(167155.2, 3909656.7,	65.6,	368.8,	0.0);
(167140.4, 3909637.9,	65.2,	368.8,	0.0);	(167125.6, 3909619.0,	64.6,	368.8,	0.0);
(167110.9, 3909600.1,	63.9,	368.8,	0.0);	(167096.1, 3909581.2,	63.3,	368.8,	0.0);
(167081.3, 3909562.4,	62.9,	368.8,	0.0);	(167066.5, 3909543.5,	62.4,	368.8,	0.0);
(167051.7, 3909524.6,	62.0,	368.8,	0.0);	(167036.9, 3909505.7,	61.7,	368.8,	0.0);
(167022.2, 3909486.8,	61.4,	368.8,	0.0);	(167007.4, 3909468.0,	61.2,	368.8,	0.0);
(166992.6, 3909449.1,	61.0,	368.8,	0.0);	(166977.8, 3909430.2,	60.9,	368.8,	0.0);
(166963.0, 3909411.3,	60.7,	368.8,	0.0);	(166948.3, 3909392.5,	60.6,	368.8,	0.0);
(166933.5, 3909373.6,	60.5,	368.8,	0.0);	(166918.7, 3909354.7,	60.4,	368.8,	0.0);
(166903.9, 3909335.8,	60.2,	368.8,	0.0);	(166889.1, 3909316.9,	60.1,	368.8,	0.0);
(166874.3, 3909298.1,	59.8,	368.8,	0.0);	(168179.1, 3909605.1,	109.2,	368.8,	0.0);
(168190.5, 3909583.3,	110.0,	368.8,	0.0);	(168202.0, 3909561.6,	110.9,	368.8,	0.0);
(168213.4, 3909539.8,	111.4,	368.8,	0.0);	(168224.9, 3909518.1,	111.8,	368.8,	0.0);
(168236.3, 3909496.3,	111.9,	368.8,	0.0);	(168247.8, 3909474.5,	111.9,	368.8,	0.0);
(168259.2, 3909452.8,	111.1,	368.8,	0.0);	(168270.7, 3909431.0,	110.5,	368.8,	0.0);
(168282.1, 3909409.3,	109.9,	368.8,	0.0);	(168293.6, 3909387.5,	108.9,	368.8,	0.0);
(168305.0, 3909365.7,	108.0,	368.8,	0.0);	(168316.4, 3909344.0,	107.6,	368.8,	0.0);
(168327.9, 3909322.2,	106.4,	368.8,	0.0);	(168339.3, 3909300.4,	105.2,	368.8,	0.0);
(168350.8, 3909278.7,	104.1,	368.8,	0.0);	(168362.2, 3909256.9,	102.9,	368.8,	0.0);
(168373.7, 3909235.2,	101.4,	368.8,	0.0);	(168385.1, 3909213.4,	100.0,	368.8,	0.0);
(168396.6, 3909191.6,	99.0,	368.8,	0.0);	(168408.0, 3909169.9,	99.1,	368.8,	0.0);
(167787.0, 3908808.0,	76.1,	368.8,	0.0);	(167754.4, 3908835.9,	75.9,	368.8,	0.0);
(167733.5, 3908848.9,	75.6,	368.8,	0.0);	(167712.6, 3908862.0,	74.8,	368.8,	0.0);
(167691.7, 3908875.1,	74.0,	368.8,	0.0);	(167670.8, 3908888.2,	73.1,	368.8,	0.0);
(167762.0, 3908801.6,	74.2,	368.8,	0.0);	(167741.1, 3908814.7,	74.1,	368.8,	0.0);
(167720.2, 3908827.8,	74.0,	368.8,	0.0);	(167699.3, 3908840.8,	73.4,	368.8,	0.0);
(167678.4, 3908853.9,	72.8,	368.8,	0.0);	(167657.5, 3908867.0,	72.1,	368.8,	0.0);
(167794.1, 3908784.7,	75.2,	368.8,	0.0);	(167816.8, 3908786.8,	77.5,	368.8,	0.0);
(167748.7, 3908780.4,	73.0,	368.8,	0.0);	(167727.8, 3908793.5,	73.0,	368.8,	0.0);
(167706.9, 3908806.6,	72.8,	368.8,	0.0);	(167686.0, 3908819.6,	72.3,	368.8,	0.0);
(167665.1, 3908832.7,	71.7,	368.8,	0.0);	(167644.2, 3908845.8,	71.0,	368.8,	0.0);
(167783.9, 3908763.8,	74.1,	368.8,	0.0);	(167808.1, 3908766.1,	75.5,	368.8,	0.0);
(167868.8, 3908842.6,	86.9,	368.8,	0.0);	(167735.5, 3908759.2,	72.8,	368.8,	0.0);
(167714.6, 3908772.3,	72.3,	368.8,	0.0);	(167693.7, 3908785.4,	71.9,	368.8,	0.0);
(167672.8, 3908798.5,	71.4,	368.8,	0.0);	(167651.9, 3908811.5,	70.8,	368.8,	0.0);
(167631.0, 3908824.6,	70.0,	368.8,	0.0);	(167731.6, 3908719.0,	73.3,	368.8,	0.0);
(167754.3, 3908721.1,	74.0,	368.8,	0.0);	(167777.0, 3908723.3,	74.8,	368.8,	0.0);
(167799.8, 3908725.4,	75.3,	368.8,	0.0);	(167822.4, 3908727.6,	76.5,	368.8,	0.0);
(167845.1, 3908729.7,	78.2,	368.8,	0.0);	(167902.1, 3908801.4,	85.4,	368.8,	0.0);
(167905.9, 3908823.9,	86.3,	368.8,	0.0);	(167909.8, 3908846.4,	87.9,	368.8,	0.0);
(167913.6, 3908868.9,	90.5,	368.8,	0.0);	(167917.4, 3908891.3,	93.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167708.9, 3908716.8,	72.7,	368.8,	0.0);	(167688.0, 3908729.9,	71.9,	368.8,	0.0);
(167667.1, 3908743.0,	71.0,	368.8,	0.0);	(167646.2, 3908756.1,	70.1,	368.8,	0.0);
(167625.3, 3908769.2,	69.4,	368.8,	0.0);	(167604.4, 3908782.2,	68.5,	368.8,	0.0);
(167706.6, 3908676.7,	73.4,	368.8,	0.0);	(167730.8, 3908679.0,	73.9,	368.8,	0.0);
(167755.0, 3908681.3,	74.3,	368.8,	0.0);	(167779.3, 3908683.6,	75.1,	368.8,	0.0);
(167803.5, 3908685.9,	76.3,	368.8,	0.0);	(167827.7, 3908688.2,	77.4,	368.8,	0.0);
(167851.9, 3908690.5,	78.8,	368.8,	0.0);	(167876.1, 3908692.8,	80.3,	368.8,	0.0);
(167900.3, 3908695.0,	81.2,	368.8,	0.0);	(167936.8, 3908769.3,	83.1,	368.8,	0.0);
(167940.9, 3908793.2,	84.2,	368.8,	0.0);	(167945.0, 3908817.2,	85.0,	368.8,	0.0);
(167949.1, 3908841.2,	85.8,	368.8,	0.0);	(167953.2, 3908865.2,	86.5,	368.8,	0.0);
(167957.3, 3908889.1,	87.4,	368.8,	0.0);	(167961.4, 3908913.1,	87.9,	368.8,	0.0);
(167682.4, 3908674.4,	72.5,	368.8,	0.0);	(167661.5, 3908687.5,	71.5,	368.8,	0.0);
(167640.6, 3908700.6,	70.3,	368.8,	0.0);	(167619.7, 3908713.7,	69.2,	368.8,	0.0);
(167598.8, 3908726.8,	67.9,	368.8,	0.0);	(167577.9, 3908739.9,	67.7,	368.8,	0.0);
(167679.2, 3908634.3,	72.6,	368.8,	0.0);	(167702.4, 3908636.5,	73.6,	368.8,	0.0);
(167725.7, 3908638.7,	74.3,	368.8,	0.0);	(167749.0, 3908640.9,	75.1,	368.8,	0.0);
(167772.3, 3908643.1,	75.8,	368.8,	0.0);	(167795.6, 3908645.3,	76.4,	368.8,	0.0);
(167818.9, 3908647.5,	77.3,	368.8,	0.0);	(167842.1, 3908649.7,	78.7,	368.8,	0.0);
(167865.4, 3908651.9,	80.4,	368.8,	0.0);	(167888.7, 3908654.1,	82.4,	368.8,	0.0);
(167912.0, 3908656.3,	83.8,	368.8,	0.0);	(167935.3, 3908658.5,	83.8,	368.8,	0.0);
(167974.3, 3908752.9,	81.5,	368.8,	0.0);	(167978.3, 3908775.9,	82.5,	368.8,	0.0);
(167982.2, 3908799.0,	83.2,	368.8,	0.0);	(167986.1, 3908822.0,	83.9,	368.8,	0.0);
(167990.1, 3908845.1,	84.5,	368.8,	0.0);	(167994.0, 3908868.2,	84.9,	368.8,	0.0);
(167998.0, 3908891.2,	85.0,	368.8,	0.0);	(168001.9, 3908914.3,	85.2,	368.8,	0.0);
(168005.8, 3908937.3,	85.6,	368.8,	0.0);	(167655.9, 3908632.1,	71.7,	368.8,	0.0);
(167635.0, 3908645.2,	70.7,	368.8,	0.0);	(167614.1, 3908658.2,	69.7,	368.8,	0.0);
(167593.2, 3908671.3,	68.8,	368.8,	0.0);	(167572.3, 3908684.4,	68.0,	368.8,	0.0);
(167551.4, 3908697.5,	67.2,	368.8,	0.0);	(167653.6, 3908592.0,	71.8,	368.8,	0.0);
(167677.8, 3908594.3,	72.5,	368.8,	0.0);	(167702.0, 3908596.6,	73.4,	368.8,	0.0);
(167726.2, 3908598.8,	74.1,	368.8,	0.0);	(167750.4, 3908601.1,	75.0,	368.8,	0.0);
(167774.6, 3908603.4,	75.7,	368.8,	0.0);	(167798.8, 3908605.7,	76.5,	368.8,	0.0);
(167823.1, 3908608.0,	77.5,	368.8,	0.0);	(167847.3, 3908610.3,	79.1,	368.8,	0.0);
(167871.5, 3908612.6,	81.1,	368.8,	0.0);	(167895.7, 3908614.9,	83.4,	368.8,	0.0);
(167919.9, 3908617.2,	85.2,	368.8,	0.0);	(167944.1, 3908619.4,	86.0,	368.8,	0.0);
(167968.3, 3908621.7,	83.6,	368.8,	0.0);	(167996.7, 3908648.0,	78.7,	368.8,	0.0);
(168000.8, 3908672.0,	78.6,	368.8,	0.0);	(168004.9, 3908695.9,	78.9,	368.8,	0.0);
(168009.0, 3908719.9,	79.6,	368.8,	0.0);	(168013.0, 3908743.9,	80.4,	368.8,	0.0);
(168017.1, 3908767.9,	81.3,	368.8,	0.0);	(168021.2, 3908791.8,	82.2,	368.8,	0.0);
(168025.3, 3908815.8,	82.8,	368.8,	0.0);	(168029.4, 3908839.8,	83.1,	368.8,	0.0);
(168033.5, 3908863.8,	83.5,	368.8,	0.0);	(168037.6, 3908887.8,	84.0,	368.8,	0.0);
(168041.7, 3908911.7,	84.4,	368.8,	0.0);	(168045.8, 3908935.7,	85.0,	368.8,	0.0);
(168049.9, 3908959.7,	85.6,	368.8,	0.0);	(167629.3, 3908589.7,	71.0,	368.8,	0.0);
(167608.4, 3908602.8,	70.2,	368.8,	0.0);	(167587.5, 3908615.9,	69.2,	368.8,	0.0);
(167566.6, 3908628.9,	68.6,	368.8,	0.0);	(167545.8, 3908642.0,	67.9,	368.8,	0.0);
(167524.8, 3908655.1,	67.3,	368.8,	0.0);	(167600.5, 3908507.2,	72.4,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167624.7, 3908509.5,	72.5,	368.8,	0.0);	(167648.9, 3908511.8,	72.6,	368.8,	0.0);
(167673.1, 3908514.1,	72.7,	368.8,	0.0);	(167697.3, 3908516.4,	73.0,	368.8,	0.0);
(167721.6, 3908518.7,	73.6,	368.8,	0.0);	(167745.8, 3908521.0,	74.3,	368.8,	0.0);
(167770.0, 3908523.2,	75.1,	368.8,	0.0);	(167794.2, 3908525.5,	76.1,	368.8,	0.0);
(167818.4, 3908527.8,	76.7,	368.8,	0.0);	(167842.6, 3908530.1,	77.1,	368.8,	0.0);
(167866.8, 3908532.4,	77.6,	368.8,	0.0);	(167891.1, 3908534.7,	77.8,	368.8,	0.0);
(167915.3, 3908537.0,	77.7,	368.8,	0.0);	(167939.5, 3908539.3,	77.2,	368.8,	0.0);
(167963.7, 3908541.6,	76.2,	368.8,	0.0);	(167987.9, 3908543.8,	75.0,	368.8,	0.0);
(168012.1, 3908546.1,	74.1,	368.8,	0.0);	(168036.3, 3908548.4,	73.5,	368.8,	0.0);
(168064.7, 3908574.7,	73.8,	368.8,	0.0);	(168068.8, 3908598.7,	74.7,	368.8,	0.0);
(168072.9, 3908622.6,	75.5,	368.8,	0.0);	(168077.0, 3908646.6,	75.3,	368.8,	0.0);
(168081.1, 3908670.6,	75.3,	368.8,	0.0);	(168085.2, 3908694.6,	75.8,	368.8,	0.0);
(168089.3, 3908718.5,	76.9,	368.8,	0.0);	(168093.4, 3908742.5,	78.5,	368.8,	0.0);
(168097.5, 3908766.5,	80.0,	368.8,	0.0);	(168101.5, 3908790.5,	80.9,	368.8,	0.0);
(168105.6, 3908814.4,	81.7,	368.8,	0.0);	(168109.8, 3908838.4,	82.3,	368.8,	0.0);
(168113.8, 3908862.4,	82.9,	368.8,	0.0);	(168117.9, 3908886.4,	83.3,	368.8,	0.0);
(168122.0, 3908910.3,	83.8,	368.8,	0.0);	(168126.1, 3908934.3,	84.5,	368.8,	0.0);
(168130.2, 3908958.3,	85.1,	368.8,	0.0);	(168134.3, 3908982.3,	85.9,	368.8,	0.0);
(168138.4, 3909006.2,	87.0,	368.8,	0.0);	(168142.5, 3909030.3,	87.3,	368.8,	0.0);
(167555.4, 3908518.0,	71.9,	368.8,	0.0);	(167534.5, 3908531.1,	71.2,	368.8,	0.0);
(167513.6, 3908544.2,	70.5,	368.8,	0.0);	(167492.7, 3908557.3,	69.9,	368.8,	0.0);
(167471.8, 3908570.4,	69.2,	368.8,	0.0);	(167547.4, 3908422.5,	77.6,	368.8,	0.0);
(167571.6, 3908424.8,	76.9,	368.8,	0.0);	(167595.8, 3908427.0,	76.5,	368.8,	0.0);
(167620.1, 3908429.3,	76.1,	368.8,	0.0);	(167644.3, 3908431.6,	75.8,	368.8,	0.0);
(167668.5, 3908433.9,	75.3,	368.8,	0.0);	(167692.7, 3908436.2,	74.7,	368.8,	0.0);
(167716.9, 3908438.5,	74.1,	368.8,	0.0);	(167741.1, 3908440.8,	74.0,	368.8,	0.0);
(167765.4, 3908443.1,	74.5,	368.8,	0.0);	(167789.6, 3908445.3,	75.4,	368.8,	0.0);
(167813.8, 3908447.6,	75.8,	368.8,	0.0);	(167838.0, 3908449.9,	75.9,	368.8,	0.0);
(167862.2, 3908452.2,	75.7,	368.8,	0.0);	(167886.4, 3908454.5,	75.3,	368.8,	0.0);
(167910.6, 3908456.8,	75.0,	368.8,	0.0);	(167934.9, 3908459.1,	74.5,	368.8,	0.0);
(167959.1, 3908461.4,	74.1,	368.8,	0.0);	(167983.3, 3908463.7,	73.7,	368.8,	0.0);
(168007.5, 3908465.9,	73.4,	368.8,	0.0);	(168031.7, 3908468.2,	73.0,	368.8,	0.0);
(168055.9, 3908470.5,	72.7,	368.8,	0.0);	(168080.1, 3908472.8,	72.5,	368.8,	0.0);
(168104.4, 3908475.1,	72.3,	368.8,	0.0);	(168128.5, 3908477.4,	72.0,	368.8,	0.0);
(168136.8, 3908525.3,	72.8,	368.8,	0.0);	(168140.9, 3908549.3,	73.3,	368.8,	0.0);
(168145.0, 3908573.3,	73.5,	368.8,	0.0);	(168149.1, 3908597.3,	73.6,	368.8,	0.0);
(168153.2, 3908621.2,	73.9,	368.8,	0.0);	(168157.3, 3908645.2,	74.8,	368.8,	0.0);
(168161.4, 3908669.2,	76.0,	368.8,	0.0);	(168165.5, 3908693.2,	77.1,	368.8,	0.0);
(168169.6, 3908717.1,	78.2,	368.8,	0.0);	(168173.7, 3908741.1,	79.4,	368.8,	0.0);
(168177.8, 3908765.1,	80.9,	368.8,	0.0);	(168181.9, 3908789.1,	82.0,	368.8,	0.0);
(168186.0, 3908813.0,	82.6,	368.8,	0.0);	(168190.0, 3908837.0,	83.1,	368.8,	0.0);
(168194.1, 3908861.0,	83.6,	368.8,	0.0);	(168198.2, 3908885.0,	84.3,	368.8,	0.0);
(168202.3, 3908908.9,	85.1,	368.8,	0.0);	(168206.4, 3908932.9,	85.9,	368.8,	0.0);
(168210.5, 3908956.9,	86.5,	368.8,	0.0);	(168214.6, 3908980.9,	86.9,	368.8,	0.0);
(168218.7, 3909004.8,	87.0,	368.8,	0.0);	(168222.8, 3909028.8,	88.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
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(METERS)

(168226.9, 3909052.8,	89.3,	368.8,	0.0);	(167523.2, 3908420.2,	78.5,	368.8,	0.0);
(167502.3, 3908433.3,	77.6,	368.8,	0.0);	(167481.4, 3908446.3,	76.2,	368.8,	0.0);
(167460.5, 3908459.4,	75.4,	368.8,	0.0);	(167439.6, 3908472.5,	74.5,	368.8,	0.0);
(167418.7, 3908485.6,	73.7,	368.8,	0.0);	(167494.4, 3908337.7,	87.2,	368.8,	0.0);
(167518.6, 3908340.0,	85.8,	368.8,	0.0);	(167542.8, 3908342.3,	84.3,	368.8,	0.0);
(167567.0, 3908344.6,	82.8,	368.8,	0.0);	(167591.2, 3908346.9,	81.4,	368.8,	0.0);
(167615.4, 3908349.1,	80.2,	368.8,	0.0);	(167639.6, 3908351.4,	79.4,	368.8,	0.0);
(167663.9, 3908353.7,	78.5,	368.8,	0.0);	(167688.1, 3908356.0,	77.8,	368.8,	0.0);
(167712.3, 3908358.3,	77.3,	368.8,	0.0);	(167736.5, 3908360.6,	77.1,	368.8,	0.0);
(167760.7, 3908362.9,	76.9,	368.8,	0.0);	(167784.9, 3908365.2,	76.7,	368.8,	0.0);
(167809.1, 3908367.5,	76.4,	368.8,	0.0);	(167833.4, 3908369.8,	75.8,	368.8,	0.0);
(167857.6, 3908372.0,	75.2,	368.8,	0.0);	(167881.8, 3908374.3,	74.5,	368.8,	0.0);
(167906.0, 3908376.6,	74.0,	368.8,	0.0);	(167930.2, 3908378.9,	73.5,	368.8,	0.0);
(167954.4, 3908381.2,	73.2,	368.8,	0.0);	(167978.6, 3908383.5,	72.9,	368.8,	0.0);
(168002.9, 3908385.8,	72.6,	368.8,	0.0);	(168027.1, 3908388.1,	72.2,	368.8,	0.0);
(168051.3, 3908390.3,	71.9,	368.8,	0.0);	(168075.5, 3908392.6,	71.7,	368.8,	0.0);
(168099.7, 3908394.9,	71.5,	368.8,	0.0);	(168123.9, 3908397.2,	71.2,	368.8,	0.0);
(168148.1, 3908399.5,	71.0,	368.8,	0.0);	(168172.4, 3908401.8,	70.9,	368.8,	0.0);
(168200.7, 3908428.1,	71.3,	368.8,	0.0);	(168204.8, 3908452.0,	71.8,	368.8,	0.0);
(168208.9, 3908476.0,	72.1,	368.8,	0.0);	(168213.0, 3908500.0,	72.6,	368.8,	0.0);
(168217.1, 3908524.0,	73.2,	368.8,	0.0);	(168221.2, 3908547.9,	73.8,	368.8,	0.0);
(168225.3, 3908571.9,	74.5,	368.8,	0.0);	(168229.4, 3908595.9,	75.1,	368.8,	0.0);
(168233.5, 3908619.8,	76.0,	368.8,	0.0);	(168237.6, 3908643.8,	77.1,	368.8,	0.0);
(168241.7, 3908667.8,	78.5,	368.8,	0.0);	(168245.8, 3908691.8,	80.0,	368.8,	0.0);
(168249.9, 3908715.8,	81.4,	368.8,	0.0);	(168254.0, 3908739.7,	82.7,	368.8,	0.0);
(168258.1, 3908763.7,	83.9,	368.8,	0.0);	(168262.2, 3908787.7,	84.9,	368.8,	0.0);
(168266.3, 3908811.6,	85.7,	368.8,	0.0);	(168270.4, 3908835.6,	86.2,	368.8,	0.0);
(168274.5, 3908859.6,	86.4,	368.8,	0.0);	(168278.5, 3908883.6,	86.3,	368.8,	0.0);
(168282.6, 3908907.5,	86.2,	368.8,	0.0);	(168286.8, 3908931.5,	86.8,	368.8,	0.0);
(168290.8, 3908955.5,	87.9,	368.8,	0.0);	(168294.9, 3908979.5,	89.2,	368.8,	0.0);
(168299.0, 3909003.4,	90.5,	368.8,	0.0);	(168303.1, 3909027.4,	91.6,	368.8,	0.0);
(168307.2, 3909051.4,	92.7,	368.8,	0.0);	(168311.3, 3909075.4,	93.6,	368.8,	0.0);
(168315.4, 3909099.3,	94.5,	368.8,	0.0);	(167470.1, 3908335.4,	87.9,	368.8,	0.0);
(167449.2, 3908348.5,	86.7,	368.8,	0.0);	(167428.3, 3908361.6,	85.0,	368.8,	0.0);
(167407.4, 3908374.7,	83.5,	368.8,	0.0);	(167386.5, 3908387.8,	82.7,	368.8,	0.0);
(167365.6, 3908400.8,	82.5,	368.8,	0.0);	(167441.3, 3908252.9,	91.9,	359.3,	0.0);
(167465.5, 3908255.2,	89.8,	368.8,	0.0);	(167489.7, 3908257.5,	87.7,	368.8,	0.0);
(167513.9, 3908259.8,	85.9,	368.8,	0.0);	(167538.1, 3908262.1,	84.9,	368.8,	0.0);
(167562.4, 3908264.4,	83.9,	368.8,	0.0);	(167586.6, 3908266.7,	82.9,	368.8,	0.0);
(167610.8, 3908269.0,	82.2,	368.8,	0.0);	(167635.0, 3908271.3,	81.5,	368.8,	0.0);
(167659.2, 3908273.5,	80.8,	368.8,	0.0);	(167683.4, 3908275.8,	80.0,	368.8,	0.0);
(167707.6, 3908278.1,	79.2,	368.8,	0.0);	(167731.9, 3908280.4,	78.5,	368.8,	0.0);
(167756.1, 3908282.7,	77.8,	368.8,	0.0);	(167780.3, 3908285.0,	77.1,	368.8,	0.0);
(167804.5, 3908287.3,	76.6,	368.8,	0.0);	(167828.7, 3908289.6,	76.1,	368.8,	0.0);
(167852.9, 3908291.9,	75.4,	368.8,	0.0);	(167877.1, 3908294.1,	74.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167901.4, 3908296.4, 74.0, 368.8, 0.0);	(167925.6, 3908298.7, 73.5, 368.8, 0.0);
(167949.8, 3908301.0, 73.0, 368.8, 0.0);	(167974.0, 3908303.3, 72.5, 368.8, 0.0);
(167998.2, 3908305.6, 72.0, 368.8, 0.0);	(168022.4, 3908307.9, 71.5, 368.8, 0.0);
(168046.7, 3908310.2, 71.1, 368.8, 0.0);	(168070.9, 3908312.5, 70.8, 368.8, 0.0);
(168095.1, 3908314.8, 70.5, 368.8, 0.0);	(168119.3, 3908317.0, 70.2, 368.8, 0.0);
(168143.5, 3908319.3, 69.9, 368.8, 0.0);	(168167.7, 3908321.6, 69.7, 368.8, 0.0);
(168191.9, 3908323.9, 69.4, 368.8, 0.0);	(168216.2, 3908326.2, 69.8, 368.8, 0.0);
(168240.4, 3908328.5, 70.5, 368.8, 0.0);	(168268.7, 3908354.7, 72.0, 368.8, 0.0);
(168272.8, 3908378.7, 72.6, 368.8, 0.0);	(168276.9, 3908402.7, 73.1, 368.8, 0.0);
(168281.0, 3908426.7, 73.5, 368.8, 0.0);	(168285.1, 3908450.6, 73.4, 368.8, 0.0);
(168289.2, 3908474.6, 73.3, 368.8, 0.0);	(168293.3, 3908498.6, 73.5, 368.8, 0.0);
(168297.4, 3908522.6, 74.0, 368.8, 0.0);	(168301.5, 3908546.5, 74.9, 368.8, 0.0);
(168305.6, 3908570.5, 75.7, 368.8, 0.0);	(168309.7, 3908594.5, 76.6, 368.8, 0.0);
(168313.8, 3908618.5, 77.5, 368.8, 0.0);	(168317.9, 3908642.4, 78.6, 368.8, 0.0);
(168322.0, 3908666.4, 80.1, 368.8, 0.0);	(168326.1, 3908690.4, 82.0, 368.8, 0.0);
(168330.2, 3908714.4, 83.9, 368.8, 0.0);	(168334.3, 3908738.3, 85.4, 368.8, 0.0);
(168338.4, 3908762.3, 86.5, 368.8, 0.0);	(168342.5, 3908786.3, 87.0, 368.8, 0.0);
(168346.6, 3908810.3, 87.2, 368.8, 0.0);	(168350.7, 3908834.2, 87.5, 368.8, 0.0);
(168354.8, 3908858.2, 88.0, 368.8, 0.0);	(168358.9, 3908882.2, 88.5, 368.8, 0.0);
(168363.0, 3908906.2, 89.0, 368.8, 0.0);	(168367.0, 3908930.1, 90.0, 368.8, 0.0);
(168371.1, 3908954.1, 91.2, 368.8, 0.0);	(168375.2, 3908978.1, 92.3, 368.8, 0.0);
(168379.3, 3909002.1, 93.5, 368.8, 0.0);	(168383.4, 3909026.0, 94.8, 368.8, 0.0);
(168387.5, 3909050.0, 96.1, 368.8, 0.0);	(168391.6, 3909074.0, 97.4, 368.8, 0.0);
(168395.7, 3909098.0, 98.4, 368.8, 0.0);	(168399.8, 3909121.9, 99.1, 368.8, 0.0);
(168403.9, 3909145.9, 98.9, 368.8, 0.0);	(167417.1, 3908250.7, 93.8, 359.3, 0.0);
(167396.2, 3908263.8, 94.2, 359.3, 0.0);	(167375.3, 3908276.8, 94.1, 359.3, 0.0);
(167354.4, 3908289.9, 93.7, 359.3, 0.0);	(167333.5, 3908303.0, 93.9, 359.3, 0.0);
(167312.6, 3908316.1, 94.5, 359.3, 0.0);	(167640.1, 3908885.5, 71.5, 368.8, 0.0);
(167628.9, 3908906.1, 71.2, 368.8, 0.0);	(167617.7, 3908926.8, 70.5, 368.8, 0.0);
(167618.2, 3908873.5, 70.0, 368.8, 0.0);	(167606.9, 3908894.2, 69.8, 368.8, 0.0);
(167595.7, 3908914.8, 69.4, 368.8, 0.0);	(167584.5, 3908935.5, 68.0, 368.8, 0.0);
(167573.2, 3908956.1, 68.6, 368.8, 0.0);	(167607.8, 3908849.3, 68.6, 368.8, 0.0);
(167585.0, 3908882.3, 68.6, 368.8, 0.0);	(167573.7, 3908902.9, 68.3, 368.8, 0.0);
(167562.5, 3908923.6, 67.7, 368.8, 0.0);	(167551.3, 3908944.2, 67.5, 368.8, 0.0);
(167540.0, 3908964.9, 68.1, 368.8, 0.0);	(167528.8, 3908985.5, 68.3, 368.8, 0.0);
(167517.6, 3909006.2, 68.6, 368.8, 0.0);	(167506.3, 3909026.8, 68.8, 368.8, 0.0);
(167495.1, 3909047.5, 68.9, 368.8, 0.0);	(167565.3, 3908823.8, 67.1, 368.8, 0.0);
(167541.0, 3908858.4, 66.1, 368.8, 0.0);	(167529.8, 3908879.0, 65.6, 368.8, 0.0);
(167518.6, 3908899.7, 65.4, 368.8, 0.0);	(167507.3, 3908920.3, 65.4, 368.8, 0.0);
(167496.1, 3908941.0, 65.4, 368.8, 0.0);	(167484.9, 3908961.6, 65.5, 368.8, 0.0);
(167473.6, 3908982.3, 65.6, 368.8, 0.0);	(167462.4, 3909002.9, 65.8, 368.8, 0.0);
(167451.2, 3909023.6, 66.0, 368.8, 0.0);	(167439.9, 3909044.2, 66.2, 368.8, 0.0);
(167522.3, 3908799.0, 64.8, 368.8, 0.0);	(167550.1, 3908769.4, 66.3, 368.8, 0.0);
(167497.1, 3908834.5, 63.4, 368.8, 0.0);	(167485.9, 3908855.1, 62.9, 368.8, 0.0);
(167474.7, 3908875.8, 62.8, 368.8, 0.0);	(167463.4, 3908896.4, 62.7, 368.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167452.2, 3908917.1,	62.6,	368.8,	0.0);	(167441.0, 3908937.7,	62.6,	368.8,	0.0);
(167429.7, 3908958.4,	62.6,	368.8,	0.0);	(167418.5, 3908979.0,	63.0,	368.8,	0.0);
(167407.3, 3908999.7,	63.4,	368.8,	0.0);	(167396.0, 3909020.3,	63.7,	368.8,	0.0);
(167384.8, 3909041.0,	63.8,	368.8,	0.0);	(167478.9, 3908774.5,	63.5,	368.8,	0.0);
(167507.9, 3908743.7,	65.0,	368.8,	0.0);	(167453.2, 3908810.6,	62.2,	368.8,	0.0);
(167442.0, 3908831.2,	61.7,	368.8,	0.0);	(167430.7, 3908851.9,	61.1,	368.8,	0.0);
(167419.5, 3908872.5,	61.0,	368.8,	0.0);	(167408.3, 3908893.2,	61.0,	368.8,	0.0);
(167397.0, 3908913.8,	61.1,	368.8,	0.0);	(167385.8, 3908934.5,	61.1,	368.8,	0.0);
(167374.6, 3908955.1,	61.2,	368.8,	0.0);	(167363.3, 3908975.8,	61.4,	368.8,	0.0);
(167352.1, 3908996.4,	61.7,	368.8,	0.0);	(167340.9, 3909017.1,	62.0,	368.8,	0.0);
(167435.4, 3908750.2,	62.7,	368.8,	0.0);	(167465.2, 3908718.5,	64.1,	368.8,	0.0);
(167495.0, 3908686.8,	65.7,	368.8,	0.0);	(167409.3, 3908786.7,	61.5,	368.8,	0.0);
(167398.0, 3908807.3,	61.1,	368.8,	0.0);	(167386.8, 3908828.0,	60.8,	368.8,	0.0);
(167375.6, 3908848.6,	60.3,	368.8,	0.0);	(167364.3, 3908869.3,	60.2,	368.8,	0.0);
(167353.1, 3908889.9,	60.2,	368.8,	0.0);	(167341.9, 3908910.6,	60.2,	368.8,	0.0);
(167330.6, 3908931.2,	60.2,	368.8,	0.0);	(167319.4, 3908951.9,	60.2,	368.8,	0.0);
(167308.2, 3908972.5,	60.6,	368.8,	0.0);	(167296.9, 3908993.2,	60.9,	368.8,	0.0);
(167348.1, 3908701.8,	63.3,	368.8,	0.0);	(167379.0, 3908668.9,	64.8,	368.8,	0.0);
(167394.5, 3908652.5,	65.7,	368.8,	0.0);	(167410.0, 3908636.1,	66.6,	368.8,	0.0);
(167440.9, 3908603.2,	67.6,	368.8,	0.0);	(167456.3, 3908586.8,	68.5,	368.8,	0.0);
(167332.7, 3908718.2,	62.6,	368.8,	0.0);	(167321.4, 3908738.9,	61.6,	368.8,	0.0);
(167310.2, 3908759.5,	60.9,	368.8,	0.0);	(167299.0, 3908780.2,	60.4,	368.8,	0.0);
(167287.7, 3908800.8,	59.9,	368.8,	0.0);	(167276.5, 3908821.5,	59.4,	368.8,	0.0);
(167265.3, 3908842.1,	58.9,	368.8,	0.0);	(167254.0, 3908862.8,	58.5,	368.8,	0.0);
(167242.8, 3908883.5,	58.3,	368.8,	0.0);	(167231.6, 3908904.1,	58.2,	368.8,	0.0);
(167220.3, 3908924.8,	58.2,	368.8,	0.0);	(167209.1, 3908945.4,	58.5,	368.8,	0.0);
(167260.6, 3908653.7,	66.2,	368.8,	0.0);	(167276.4, 3908636.8,	67.2,	368.8,	0.0);
(167292.2, 3908620.0,	68.3,	368.8,	0.0);	(167308.1, 3908603.2,	69.4,	368.8,	0.0);
(167323.9, 3908586.4,	70.2,	368.8,	0.0);	(167339.7, 3908569.6,	70.8,	368.8,	0.0);
(167355.5, 3908552.8,	71.5,	368.8,	0.0);	(167371.3, 3908536.0,	72.1,	368.8,	0.0);
(167387.1, 3908519.2,	72.6,	368.8,	0.0);	(167402.9, 3908502.4,	73.2,	368.8,	0.0);
(167244.8, 3908670.5,	65.4,	368.8,	0.0);	(167233.6, 3908691.1,	64.3,	368.8,	0.0);
(167222.4, 3908711.8,	63.3,	368.8,	0.0);	(167211.1, 3908732.4,	62.1,	368.8,	0.0);
(167199.9, 3908753.1,	61.0,	368.8,	0.0);	(167188.7, 3908773.7,	59.8,	368.8,	0.0);
(167177.4, 3908794.4,	58.7,	368.8,	0.0);	(167166.2, 3908815.0,	57.6,	368.8,	0.0);
(167155.0, 3908835.7,	56.7,	368.8,	0.0);	(167143.7, 3908856.3,	55.9,	368.8,	0.0);
(167132.5, 3908877.0,	55.8,	368.8,	0.0);	(167121.3, 3908897.6,	56.2,	368.8,	0.0);
(167173.0, 3908605.6,	68.8,	368.8,	0.0);	(167189.1, 3908588.5,	70.6,	368.8,	0.0);
(167205.1, 3908571.5,	72.3,	368.8,	0.0);	(167221.2, 3908554.4,	73.6,	368.8,	0.0);
(167237.2, 3908537.4,	75.1,	368.8,	0.0);	(167253.3, 3908520.3,	76.3,	368.8,	0.0);
(167269.3, 3908503.2,	77.6,	368.8,	0.0);	(167285.4, 3908486.2,	78.7,	368.8,	0.0);
(167301.4, 3908469.1,	79.9,	368.8,	0.0);	(167317.5, 3908452.0,	80.7,	368.8,	0.0);
(167333.5, 3908435.0,	81.5,	368.8,	0.0);	(167349.6, 3908417.9,	82.1,	368.8,	0.0);
(167157.0, 3908622.7,	67.0,	368.8,	0.0);	(167145.8, 3908643.3,	64.6,	368.8,	0.0);
(167134.5, 3908664.0,	62.9,	368.8,	0.0);	(167123.3, 3908684.6,	61.5,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167112.0, 3908705.3,	60.7,	368.8,	0.0);	(167100.8, 3908725.9,	59.9,	368.8,	0.0);
(167089.6, 3908746.6,	59.1,	368.8,	0.0);	(167078.3, 3908767.2,	57.9,	368.8,	0.0);
(167067.1, 3908787.9,	56.9,	368.8,	0.0);	(167055.9, 3908808.5,	55.9,	368.8,	0.0);
(167044.6, 3908829.2,	54.9,	368.8,	0.0);	(167033.4, 3908849.8,	54.7,	368.8,	0.0);
(167084.4, 3908558.7,	74.0,	368.8,	0.0);	(167114.8, 3908526.4,	77.8,	368.8,	0.0);
(167145.2, 3908494.0,	82.3,	368.8,	0.0);	(167175.6, 3908461.7,	84.4,	368.8,	0.0);
(167206.1, 3908429.3,	88.2,	368.8,	0.0);	(167236.5, 3908397.0,	91.8,	359.3,	0.0);
(167266.9, 3908364.6,	93.8,	359.3,	0.0);	(167057.9, 3908595.5,	67.8,	368.8,	0.0);
(167046.7, 3908616.2,	64.9,	368.8,	0.0);	(167035.4, 3908636.8,	62.6,	368.8,	0.0);
(167024.2, 3908657.5,	61.1,	368.8,	0.0);	(167013.0, 3908678.1,	60.2,	368.8,	0.0);
(167001.7, 3908698.8,	59.4,	368.8,	0.0);	(166990.5, 3908719.4,	58.6,	368.8,	0.0);
(166979.3, 3908740.1,	57.9,	368.8,	0.0);	(166968.0, 3908760.8,	57.1,	368.8,	0.0);
(166956.8, 3908781.4,	56.3,	368.8,	0.0);	(166945.6, 3908802.0,	54.9,	368.8,	0.0);
(167371.9, 3909070.6,	64.2,	368.8,	0.0);	(167324.5, 3909054.7,	62.8,	368.8,	0.0);
(167277.1, 3909038.8,	61.7,	368.8,	0.0);	(167287.0, 3909016.0,	61.3,	368.8,	0.0);
(167182.3, 3909007.1,	60.2,	368.8,	0.0);	(167192.3, 3908983.9,	59.5,	368.8,	0.0);
(167087.4, 3908975.3,	58.1,	368.8,	0.0);	(167096.5, 3908954.6,	57.6,	368.8,	0.0);
(167106.6, 3908931.3,	57.1,	368.8,	0.0);	(166992.6, 3908943.6,	56.2,	368.8,	0.0);
(167001.7, 3908922.8,	55.8,	368.8,	0.0);	(167010.8, 3908901.9,	55.4,	368.8,	0.0);
(167019.8, 3908881.1,	55.3,	368.8,	0.0);	(166897.8, 3908911.8,	55.0,	368.8,	0.0);
(166906.9, 3908890.9,	54.4,	368.8,	0.0);	(166916.0, 3908870.0,	53.9,	368.8,	0.0);
(166925.1, 3908849.1,	53.5,	368.8,	0.0);	(166934.2, 3908828.2,	53.7,	368.8,	0.0);
(167363.0, 3909118.1,	65.1,	368.8,	0.0);	(167359.6, 3909162.6,	65.9,	368.8,	0.0);
(167359.6, 3909185.9,	66.3,	368.8,	0.0);	(167359.6, 3909209.2,	66.8,	368.8,	0.0);
(167359.6, 3909232.6,	67.4,	368.8,	0.0);	(167359.6, 3909255.9,	68.0,	368.8,	0.0);
(167312.8, 3909119.4,	64.3,	368.8,	0.0);	(167319.3, 3909079.8,	63.3,	368.8,	0.0);
(167309.6, 3909162.6,	65.1,	368.8,	0.0);	(167309.6, 3909185.9,	65.6,	368.8,	0.0);
(167309.6, 3909209.2,	66.1,	368.8,	0.0);	(167309.6, 3909232.6,	66.4,	368.8,	0.0);
(167309.6, 3909255.9,	66.9,	368.8,	0.0);	(167309.6, 3909279.2,	67.4,	368.8,	0.0);
(167262.7, 3909120.2,	63.8,	368.8,	0.0);	(167268.9, 3909082.2,	62.9,	368.8,	0.0);
(167259.6, 3909162.6,	64.6,	368.8,	0.0);	(167259.6, 3909185.9,	64.9,	368.8,	0.0);
(167259.6, 3909209.2,	65.2,	368.8,	0.0);	(167259.6, 3909232.6,	65.5,	368.8,	0.0);
(167259.6, 3909255.9,	65.8,	368.8,	0.0);	(167259.6, 3909279.2,	66.2,	368.8,	0.0);
(167163.0, 3909118.1,	62.5,	368.8,	0.0);	(167169.9, 3909075.8,	61.8,	368.8,	0.0);
(167176.8, 3909033.5,	61.0,	368.8,	0.0);	(167159.6, 3909162.6,	63.0,	368.8,	0.0);
(167159.6, 3909185.9,	63.2,	368.8,	0.0);	(167159.6, 3909209.2,	63.3,	368.8,	0.0);
(167159.6, 3909232.6,	63.4,	368.8,	0.0);	(167159.6, 3909255.9,	63.5,	368.8,	0.0);
(167159.6, 3909279.2,	63.7,	368.8,	0.0);	(167063.3, 3909116.6,	60.9,	368.8,	0.0);
(167066.9, 3909093.9,	60.6,	368.8,	0.0);	(167070.6, 3909071.3,	60.2,	368.8,	0.0);
(167074.3, 3909048.6,	59.8,	368.8,	0.0);	(167078.0, 3909026.0,	59.1,	368.8,	0.0);
(167081.7, 3909003.3,	58.7,	368.8,	0.0);	(167059.6, 3909139.3,	61.0,	368.8,	0.0);
(167059.6, 3909162.6,	61.1,	368.8,	0.0);	(167059.6, 3909185.9,	61.2,	368.8,	0.0);
(167059.6, 3909209.2,	61.1,	368.8,	0.0);	(167059.6, 3909232.6,	61.1,	368.8,	0.0);
(167059.6, 3909255.9,	61.3,	368.8,	0.0);	(167059.6, 3909279.2,	61.5,	368.8,	0.0);
(166963.0, 3909118.1,	58.7,	368.8,	0.0);	(166969.9, 3909075.8,	58.2,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(166976.8, 3909033.5,	57.7,	368.8,	0.0);	(166983.7, 3908991.2,	57.2,	368.8,	0.0);
(166959.6, 3909162.6,	59.1,	368.8,	0.0);	(166959.6, 3909185.9,	59.3,	368.8,	0.0);
(166959.6, 3909209.2,	59.5,	368.8,	0.0);	(166959.6, 3909232.6,	59.7,	368.8,	0.0);
(166959.6, 3909255.9,	59.9,	368.8,	0.0);	(166959.6, 3909279.2,	60.2,	368.8,	0.0);
(166863.2, 3909117.1,	56.6,	368.8,	0.0);	(166866.8, 3909094.8,	56.6,	368.8,	0.0);
(166874.0, 3909050.4,	56.7,	368.8,	0.0);	(166877.6, 3909028.2,	56.9,	368.8,	0.0);
(166881.3, 3909006.0,	56.7,	368.8,	0.0);	(166884.9, 3908983.8,	56.4,	368.8,	0.0);
(166888.5, 3908961.6,	56.1,	368.8,	0.0);	(166859.6, 3909139.3,	56.7,	368.8,	0.0);
(166859.6, 3909162.6,	57.0,	368.8,	0.0);	(166859.6, 3909185.9,	57.6,	368.8,	0.0);
(166859.6, 3909209.2,	58.1,	368.8,	0.0);	(166859.6, 3909232.6,	58.7,	368.8,	0.0);
(166859.6, 3909255.9,	59.2,	368.8,	0.0);	(166859.6, 3909279.2,	59.6,	368.8,	0.0);
(167540.5, 3909215.8,	73.3,	368.8,	0.0);	(167541.6, 3909180.0,	72.7,	368.8,	0.0);
(167537.7, 3909150.0,	72.3,	368.8,	0.0);	(167536.3, 3909120.7,	72.2,	368.8,	0.0);
(167536.3, 3909106.6,	72.2,	368.8,	0.0);	(167534.6, 3909076.8,	71.7,	368.8,	0.0);
(167559.1, 3909104.9,	73.7,	368.8,	0.0);	(167557.4, 3909075.1,	73.0,	368.8,	0.0);
(167589.8, 3909052.2,	73.6,	368.8,	0.0);	(167615.3, 3909003.1,	72.4,	368.8,	0.0);
(167542.5, 3909053.1,	71.4,	368.8,	0.0);	(167566.2, 3909006.6,	70.7,	368.8,	0.0);
(167539.8, 3909198.5,	72.9,	368.8,	0.0);	(167537.1, 3909134.7,	72.3,	368.8,	0.0);
(167535.5, 3909092.7,	72.0,	368.8,	0.0);	(167558.4, 3909089.7,	73.5,	368.8,	0.0);
(167553.5, 3909032.1,	71.2,	368.8,	0.0);	(167602.0, 3909028.2,	73.0,	368.8,	0.0);

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations

*** 10/28/21
*** 03:59:48
*** PAGE 25

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 722897\722897.SFC
Profile file: 722897\722897.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93206
Name: SLO_REGIONAL_AIRPORT
Year: 2009

Upper air station no.: 93214
Name: UNKNOWN
Year: 2009

Met Version: 14134

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-9.7	0.093	-9.000	-9.000	-999.	68.	7.6	0.02	0.96	1.00	2.86	291.	10.0	284.2	2.0	
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0	
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	280.9	2.0	
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.8	2.0	
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0	
09	01	01	1	06	-6.0	0.072	-9.000	-9.000	-999.	46.	5.6	0.01	0.96	1.00	2.36	92.	10.0	279.9	2.0	
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	279.2	2.0	
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	0.64	0.00	0.	10.0	279.9	2.0	
09	01	01	1	09	10.9	-9.000	-9.000	-9.000	42.	-999.	-99999.0	0.02	0.96	0.35	0.00	0.	10.0	285.4	2.0	
09	01	01	1	10	60.1	-9.000	-9.000	-9.000	125.	-999.	-99999.0	0.02	0.96	0.25	0.00	0.	10.0	288.8	2.0	
09	01	01	1	11	96.1	0.345	0.796	0.010	189.	485.	-38.4	0.04	0.96	0.22	4.36	334.	10.0	290.9	2.0	
09	01	01	1	12	115.9	0.315	0.989	0.011	301.	425.	-24.3	0.04	0.96	0.21	3.86	326.	10.0	293.1	2.0	
09	01	01	1	13	117.4	0.522	1.109	0.009	419.	904.	-108.9	0.04	0.96	0.21	6.96	333.	10.0	292.5	2.0	
09	01	01	1	14	102.4	0.587	1.115	0.011	487.	1078.	-177.7	0.04	0.96	0.22	7.96	329.	10.0	293.8	2.0	
09	01	01	1	15	70.3	0.548	0.988	0.010	494.	976.	-210.4	0.04	0.96	0.24	7.46	332.	10.0	293.8	2.0	
09	01	01	1	16	23.1	0.504	0.683	0.008	495.	860.	-496.9	0.04	0.96	0.32	6.96	314.	10.0	291.1	2.0	
09	01	01	1	17	-49.6	0.552	-9.000	-9.000	-999.	984.	305.4	0.04	0.96	0.56	7.96	301.	10.0	287.0	2.0	
09	01	01	1	18	-39.0	0.351	-9.000	-9.000	-999.	537.	100.0	0.04	0.96	1.00	5.36	307.	10.0	285.9	2.0	
09	01	01	1	19	-44.0	0.397	-9.000	-9.000	-999.	599.	127.7	0.02	0.96	1.00	6.46	294.	10.0	286.4	2.0	
09	01	01	1	20	-31.2	0.282	-9.000	-9.000	-999.	367.	64.4	0.02	0.96	1.00	4.86	287.	10.0	286.4	2.0	
09	01	01	1	21	-6.0	0.072	-9.000	-9.000	-999.	124.	5.7	0.01	0.96	1.00	2.36	120.	10.0	284.1	2.0	
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.1	2.0	
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.1	2.0	
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	281.1	2.0	

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	291.	2.86	284.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167603.82	3909302.48	0.00027	167615.27	3909280.72	0.00026
167626.72	3909258.96	0.00024	167638.17	3909237.19	0.00020
167649.61	3909215.43	0.00016	167661.06	3909193.67	0.00014
167672.51	3909171.91	0.00013	167683.96	3909150.15	0.00014
167695.41	3909128.39	0.00023	167706.86	3909106.63	0.00067
167718.31	3909084.86	0.00127	167729.75	3909063.10	0.00168
167741.20	3909041.34	0.00184	167752.65	3909019.58	0.00182
167764.10	3908997.82	0.00171	167775.55	3908976.06	0.00156
167787.00	3908954.30	0.00141	167798.44	3908932.53	0.00127
167809.89	3908910.77	0.00115	167821.34	3908889.01	0.00103
167832.79	3908867.25	0.00094	167583.77	3909333.07	0.00029
167625.95	3909314.12	0.00026	167637.39	3909292.36	0.00025
167648.84	3909270.60	0.00022	167660.29	3909248.83	0.00019
167671.74	3909227.07	0.00017	167683.19	3909205.31	0.00017
167694.64	3909183.55	0.00016	167706.08	3909161.79	0.00017
167717.53	3909140.03	0.00021	167728.98	3909118.27	0.00041
167740.43	3909096.50	0.00080	167751.88	3909074.74	0.00121
167763.33	3909052.98	0.00151	167774.78	3909031.22	0.00163
167786.22	3909009.46	0.00163	167797.67	3908987.70	0.00156
167809.12	3908965.94	0.00145	167820.57	3908944.17	0.00132
167832.02	3908922.41	0.00120	167843.47	3908900.65	0.00108
167854.92	3908878.89	0.00099	167610.58	3909342.60	0.00026
167554.34	3909367.86	0.00032	167648.07	3909325.76	0.00024
167659.52	3909304.00	0.00022	167670.97	3909282.24	0.00020
167682.42	3909260.47	0.00018	167693.86	3909238.71	0.00019
167705.31	3909216.95	0.00021	167716.76	3909195.19	0.00020
167728.21	3909173.43	0.00021	167739.66	3909151.67	0.00024
167751.11	3909129.91	0.00034	167762.56	3909108.14	0.00055
167774.00	3909086.38	0.00083	167785.45	3909064.62	0.00111
167796.90	3909042.86	0.00132	167808.35	3909021.10	0.00141
167819.80	3908999.34	0.00142	167831.25	3908977.57	0.00137
167842.69	3908955.81	0.00129	167854.14	3908934.05	0.00114
167865.59	3908912.29	0.00101	167877.04	3908890.53	0.00090
167671.23	3909358.51	0.00019	167650.14	3909367.98	0.00022
167629.05	3909377.46	0.00023	167607.96	3909386.93	0.00023
167586.87	3909396.40	0.00024	167565.78	3909405.88	0.00025
167544.69	3909415.35	0.00028	167692.32	3909349.04	0.00015
167703.77	3909327.28	0.00016	167715.22	3909305.52	0.00018
167726.67	3909283.75	0.00021	167738.11	3909261.99	0.00023
167749.56	3909240.23	0.00024	167761.01	3909218.47	0.00023

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167772.46	3909196.71	0.00023	167783.91	3909174.95	0.00025
167795.36	3909153.18	0.00028	167806.81	3909131.42	0.00035
167818.25	3909109.66	0.00046	167829.70	3909087.90	0.00060
167841.15	3909066.14	0.00074	167852.60	3909044.38	0.00087
167864.05	3909022.62	0.00097	167875.50	3909000.85	0.00095
167886.94	3908979.09	0.00076	167898.39	3908957.33	0.00072
167909.84	3908935.57	0.00075	167921.29	3908913.81	0.00082
167716.12	3909381.50	0.00007	167675.22	3909399.88	0.00013
167634.32	3909418.25	0.00020	167593.41	3909436.62	0.00021
167552.51	3909454.99	0.00024	167387.21	3909314.50	0.00067
167373.39	3909296.85	0.00070	167748.02	3909350.56	0.00006
167759.47	3909328.79	0.00008	167770.92	3909307.03	0.00012
167782.36	3909285.27	0.00015	167793.81	3909263.51	0.00019
167805.26	3909241.75	0.00021	167816.71	3909219.99	0.00022
167828.16	3909198.23	0.00023	167839.61	3909176.46	0.00025
167851.06	3909154.70	0.00027	167862.50	3909132.94	0.00031
167873.95	3909111.18	0.00038	167885.40	3909089.42	0.00045
167896.85	3909067.66	0.00053	167908.30	3909045.90	0.00059
167919.75	3909024.13	0.00064	167931.19	3909002.37	0.00068
167942.64	3908980.61	0.00072	167954.09	3908958.85	0.00076
167965.54	3908937.09	0.00078	167759.19	3909405.31	0.00002
167737.56	3909415.03	0.00003	167715.93	3909424.75	0.00004
167694.30	3909434.46	0.00008	167672.67	3909444.18	0.00012
167651.04	3909453.89	0.00016	167629.41	3909463.61	0.00018
167607.78	3909473.33	0.00018	167586.14	3909483.04	0.00019
167564.51	3909492.76	0.00020	167542.88	3909502.47	0.00021
167521.25	3909512.19	0.00023	167411.91	3909409.89	0.00045
167397.29	3909391.22	0.00049	167382.67	3909372.55	0.00054
167368.05	3909353.88	0.00059	167353.43	3909335.21	0.00064
167338.81	3909316.54	0.00066	167324.19	3909297.87	0.00066
167780.82	3909395.60	0.00002	167792.27	3909373.84	0.00003
167803.72	3909352.07	0.00003	167815.17	3909330.31	0.00004
167826.61	3909308.55	0.00006	167838.06	3909286.79	0.00010
167849.51	3909265.03	0.00013	167860.96	3909243.27	0.00012
167872.41	3909221.51	0.00013	167883.86	3909199.74	0.00015
167895.31	3909177.98	0.00017	167906.75	3909156.22	0.00020
167918.20	3909134.46	0.00024	167929.65	3909112.70	0.00029
167941.10	3909090.94	0.00034	167952.55	3909069.17	0.00038
167964.00	3909047.41	0.00042	167975.44	3909025.65	0.00046
167986.89	3909003.89	0.00051	167998.34	3908982.13	0.00056

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 14134 ***

*** LOSSAN CCLF HRA
*** 0<2 Age Bin Concentrations

*** 10/28/21
*** 03:59:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168009.79	3908960.37	0.00060	167803.98	3909428.35	0.00002
167782.89	3909437.82	0.00002	167761.80	3909447.30	0.00002
167740.71	3909456.77	0.00002	167719.62	3909466.24	0.00004
167698.53	3909475.72	0.00008	167677.44	3909485.19	0.00012
167656.35	3909494.66	0.00014	167635.26	3909504.14	0.00016
167614.17	3909513.61	0.00016	167593.08	3909523.08	0.00017
167571.99	3909532.55	0.00017	167550.90	3909542.03	0.00018
167529.81	3909551.50	0.00020	167508.72	3909560.97	0.00021
167416.36	3909479.43	0.00036	167402.11	3909461.23	0.00039
167387.86	3909443.03	0.00041	167373.60	3909424.82	0.00044
167359.35	3909406.62	0.00048	167345.09	3909388.42	0.00053
167330.84	3909370.21	0.00057	167316.59	3909352.01	0.00061
167302.33	3909333.81	0.00062	167288.08	3909315.61	0.00062
167273.82	3909297.40	0.00059	167825.07	3909418.88	0.00002
167836.52	3909397.12	0.00003	167847.97	3909375.35	0.00003
167859.42	3909353.59	0.00003	167870.86	3909331.83	0.00004
167882.31	3909310.07	0.00004	167893.76	3909288.31	0.00004
167905.21	3909266.55	0.00004	167916.66	3909244.78	0.00004
167928.11	3909223.02	0.00005	167939.56	3909201.26	0.00007
167951.00	3909179.50	0.00010	167962.45	3909157.74	0.00014
167973.90	3909135.98	0.00017	167985.35	3909114.22	0.00021
167996.80	3909092.45	0.00025	168008.25	3909070.69	0.00029
168019.69	3909048.93	0.00033	168031.14	3909027.17	0.00036
168042.59	3909005.41	0.00040	168054.04	3908983.65	0.00044
167892.15	3909475.06	0.00003	167870.72	3909484.68	0.00002
167849.30	3909494.31	0.00002	167827.87	3909503.93	0.00002
167806.45	3909513.55	0.00002	167785.02	3909523.18	0.00002
167763.60	3909532.80	0.00002	167742.17	3909542.42	0.00003
167720.75	3909552.05	0.00005	167699.32	3909561.67	0.00008
167677.90	3909571.29	0.00010	167656.48	3909580.92	0.00011
167635.05	3909590.54	0.00012	167613.63	3909600.17	0.00013
167592.20	3909609.79	0.00013	167570.78	3909619.41	0.00014
167549.35	3909629.04	0.00015	167527.93	3909638.66	0.00016
167518.00	3909600.16	0.00018	167385.29	3909619.12	0.00024
167391.25	3909575.07	0.00027	167376.77	3909556.58	0.00029
167362.29	3909538.09	0.00031	167347.81	3909519.59	0.00033
167333.33	3909501.10	0.00035	167318.85	3909482.61	0.00038
167304.37	3909464.12	0.00041	167289.89	3909445.63	0.00045
167275.41	3909427.14	0.00048	167260.93	3909408.64	0.00051
167246.45	3909390.15	0.00053	167231.97	3909371.66	0.00054

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167217.49	3909353.17	0.00053	167203.01	3909334.68	0.00051
167188.53	3909316.18	0.00049	167174.05	3909297.69	0.00046
167913.57	3909465.44	0.00003	167925.02	3909443.67	0.00003
167936.47	3909421.91	0.00003	167947.92	3909400.15	0.00002
167959.36	3909378.39	0.00002	167970.81	3909356.63	0.00002
167982.26	3909334.87	0.00003	167993.71	3909313.11	0.00003
168005.16	3909291.34	0.00003	168016.61	3909269.58	0.00004
168028.06	3909247.82	0.00005	168039.50	3909226.06	0.00007
168050.95	3909204.30	0.00008	168062.40	3909182.54	0.00010
168073.85	3909160.77	0.00011	168085.30	3909139.01	0.00013
168096.75	3909117.25	0.00016	168108.19	3909095.49	0.00018
168119.64	3909073.73	0.00021	168131.09	3909051.97	0.00023
168142.54	3909030.21	0.00025	167980.44	3909521.71	0.00002
167958.81	3909531.43	0.00002	167937.18	3909541.14	0.00002
167915.55	3909550.86	0.00002	167893.92	3909560.58	0.00002
167872.29	3909570.29	0.00002	167850.66	3909580.01	0.00002
167829.03	3909589.72	0.00002	167807.39	3909599.44	0.00002
167785.76	3909609.16	0.00002	167764.13	3909618.87	0.00004
167742.50	3909628.59	0.00005	167720.87	3909638.30	0.00007
167699.24	3909648.02	0.00008	167677.61	3909657.74	0.00009
167655.98	3909667.45	0.00010	167634.35	3909677.17	0.00011
167612.72	3909686.88	0.00011	167591.09	3909696.60	0.00012
167569.46	3909706.32	0.00012	167547.83	3909716.03	0.00013
167482.94	3909745.18	0.00015	167461.31	3909754.90	0.00014
167425.06	3909745.94	0.00015	167410.44	3909727.27	0.00016
167395.82	3909708.60	0.00017	167381.20	3909689.93	0.00019
167366.58	3909671.26	0.00020	167351.96	3909652.59	0.00022
167337.34	3909633.92	0.00023	167322.72	3909615.25	0.00025
167308.10	3909596.58	0.00027	167293.48	3909577.92	0.00028
167278.86	3909559.25	0.00030	167264.24	3909540.58	0.00033
167249.62	3909521.91	0.00035	167235.00	3909503.24	0.00038
167220.38	3909484.57	0.00041	167205.76	3909465.90	0.00043
167191.14	3909447.23	0.00045	167176.53	3909428.56	0.00046
167161.91	3909409.89	0.00047	167147.29	3909391.22	0.00046
167132.67	3909372.55	0.00045	167118.05	3909353.88	0.00043
167103.43	3909335.21	0.00040	167088.81	3909316.54	0.00038
167074.19	3909297.87	0.00035	168002.07	3909511.99	0.00002
168013.52	3909490.23	0.00002	168024.97	3909468.47	0.00002
168036.42	3909446.71	0.00002	168047.86	3909424.95	0.00002
168059.31	3909403.19	0.00002	168070.76	3909381.43	0.00003

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168082.21	3909359.66	0.00003	168093.66	3909337.90	0.00003
168105.11	3909316.14	0.00004	168116.56	3909294.38	0.00005
168128.00	3909272.62	0.00006	168139.45	3909250.86	0.00008
168150.90	3909229.10	0.00009	168162.35	3909207.33	0.00009
168173.80	3909185.57	0.00010	168185.25	3909163.81	0.00011
168196.69	3909142.05	0.00012	168208.14	3909120.29	0.00013
168219.59	3909098.53	0.00014	168231.04	3909076.76	0.00015
168068.80	3909568.33	0.00003	168047.03	3909578.11	0.00003
168025.26	3909587.89	0.00003	168003.49	3909597.67	0.00002
167981.72	3909607.45	0.00002	167959.95	3909617.23	0.00002
167938.18	3909627.00	0.00002	167916.41	3909636.78	0.00002
167894.64	3909646.56	0.00002	167872.87	3909656.34	0.00002
167851.10	3909666.12	0.00003	167829.33	3909675.90	0.00003
167807.56	3909685.68	0.00004	167785.79	3909695.46	0.00005
167764.02	3909705.23	0.00006	167742.25	3909715.01	0.00007
167720.48	3909724.79	0.00008	167698.71	3909734.57	0.00009
167676.94	3909744.35	0.00010	167655.17	3909754.13	0.00010
167633.40	3909763.91	0.00011	167611.63	3909773.69	0.00011
167524.55	3909812.80	0.00012	167502.78	3909822.58	0.00012
167481.01	3909832.36	0.00011	167459.24	3909842.14	0.00011
167437.47	3909851.92	0.00011	167400.98	3909842.90	0.00012
167386.27	3909824.11	0.00013	167371.55	3909805.32	0.00014
167356.84	3909786.53	0.00015	167342.13	3909767.74	0.00016
167327.41	3909748.95	0.00017	167312.70	3909730.16	0.00018
167297.99	3909711.37	0.00019	167283.27	3909692.58	0.00021
167268.56	3909673.79	0.00022	167253.84	3909655.00	0.00023
167239.13	3909636.21	0.00025	167224.42	3909617.42	0.00026
167209.70	3909598.63	0.00028	167194.99	3909579.84	0.00030
167180.28	3909561.05	0.00032	167165.56	3909542.26	0.00035
167150.85	3909523.47	0.00037	167136.13	3909504.68	0.00038
167121.42	3909485.89	0.00040	167106.71	3909467.10	0.00040
167091.99	3909448.31	0.00040	167077.28	3909429.52	0.00040
167062.57	3909410.73	0.00039	167047.85	3909391.94	0.00037
167033.14	3909373.15	0.00036	167018.42	3909354.36	0.00034
167003.71	3909335.57	0.00032	166989.00	3909316.78	0.00029
166974.28	3909297.99	0.00027	168090.57	3909558.55	0.00003
168102.02	3909536.79	0.00002	168113.47	3909515.03	0.00002
168124.92	3909493.27	0.00002	168136.36	3909471.51	0.00002
168147.81	3909449.75	0.00002	168159.26	3909427.98	0.00003
168170.71	3909406.22	0.00003	168182.16	3909384.46	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168193.61	3909362.70	0.00004	168205.06	3909340.94	0.00004
168216.50	3909319.18	0.00005	168227.95	3909297.42	0.00006
168239.40	3909275.65	0.00006	168250.85	3909253.89	0.00007
168262.30	3909232.13	0.00007	168273.75	3909210.37	0.00007
168285.19	3909188.61	0.00008	168296.64	3909166.85	0.00008
168308.09	3909145.09	0.00009	168319.54	3909123.32	0.00010
168157.20	3909614.94	0.00003	168135.33	3909624.76	0.00004
168113.46	3909634.58	0.00004	168091.59	3909644.41	0.00004
168069.72	3909654.23	0.00004	168047.84	3909664.06	0.00004
168025.97	3909673.88	0.00004	168004.10	3909683.70	0.00004
167982.23	3909693.53	0.00004	167960.36	3909703.35	0.00004
167938.49	3909713.18	0.00004	167916.62	3909723.00	0.00004
167894.75	3909732.82	0.00004	167872.88	3909742.65	0.00004
167851.01	3909752.47	0.00005	167829.14	3909762.30	0.00005
167807.26	3909772.12	0.00006	167785.39	3909781.94	0.00006
167763.52	3909791.77	0.00007	167741.65	3909801.59	0.00007
167719.78	3909811.42	0.00008	167697.91	3909821.24	0.00009
167676.04	3909831.07	0.00010	167654.17	3909840.89	0.00010
167566.68	3909880.19	0.00010	167544.81	3909890.01	0.00010
167522.94	3909899.83	0.00010	167501.07	3909909.66	0.00009
167479.20	3909919.48	0.00009	167457.33	3909929.31	0.00009
167435.46	3909939.13	0.00009	167413.59	3909948.95	0.00009
167376.93	3909939.90	0.00010	167362.15	3909921.02	0.00011
167347.37	3909902.15	0.00011	167332.59	3909883.27	0.00012
167317.81	3909864.39	0.00013	167303.03	3909845.51	0.00014
167288.24	3909826.64	0.00015	167273.46	3909807.76	0.00015
167258.68	3909788.88	0.00016	167243.90	3909770.01	0.00017
167229.12	3909751.13	0.00018	167214.33	3909732.25	0.00019
167199.55	3909713.37	0.00020	167184.77	3909694.50	0.00022
167169.99	3909675.62	0.00023	167155.21	3909656.74	0.00024
167140.43	3909637.87	0.00026	167125.64	3909618.99	0.00028
167110.86	3909600.11	0.00029	167096.08	3909581.23	0.00031
167081.30	3909562.36	0.00033	167066.52	3909543.48	0.00034
167051.73	3909524.60	0.00035	167036.95	3909505.73	0.00035
167022.17	3909486.85	0.00035	167007.39	3909467.97	0.00035
166992.61	3909449.09	0.00034	166977.82	3909430.22	0.00033
166963.04	3909411.34	0.00032	166948.26	3909392.46	0.00030
166933.48	3909373.59	0.00028	166918.70	3909354.71	0.00027
166903.92	3909335.83	0.00025	166889.13	3909316.95	0.00024
166874.35	3909298.08	0.00022	168179.07	3909605.11	0.00003

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168190.52	3909583.35	0.00003	168201.97	3909561.59	0.00003
168213.42	3909539.83	0.00003	168224.86	3909518.07	0.00003
168236.31	3909496.31	0.00003	168247.76	3909474.54	0.00003
168259.21	3909452.78	0.00003	168270.66	3909431.02	0.00003
168282.11	3909409.26	0.00003	168293.56	3909387.50	0.00004
168305.00	3909365.74	0.00004	168316.45	3909343.97	0.00004
168327.90	3909322.21	0.00004	168339.35	3909300.45	0.00005
168350.80	3909278.69	0.00005	168362.25	3909256.93	0.00005
168373.69	3909235.17	0.00005	168385.14	3909213.41	0.00006
168396.59	3909191.64	0.00006	168408.04	3909169.88	0.00007
167787.00	3908808.03	0.00069	167754.38	3908835.86	0.00070
167733.48	3908848.95	0.00066	167712.58	3908862.03	0.00060
167691.68	3908875.12	0.00053	167670.78	3908888.20	0.00044
167762.01	3908801.59	0.00057	167741.11	3908814.67	0.00054
167720.21	3908827.76	0.00051	167699.31	3908840.84	0.00046
167678.41	3908853.93	0.00040	167657.52	3908867.01	0.00034
167794.14	3908784.69	0.00061	167816.84	3908786.84	0.00069
167748.74	3908780.40	0.00046	167727.84	3908793.49	0.00043
167706.94	3908806.57	0.00040	167686.05	3908819.65	0.00036
167665.15	3908832.74	0.00031	167644.25	3908845.82	0.00026
167783.90	3908763.79	0.00052	167808.12	3908766.08	0.00059
167868.84	3908842.58	0.00084	167735.47	3908759.21	0.00038
167714.58	3908772.30	0.00035	167693.68	3908785.38	0.00032
167672.78	3908798.46	0.00028	167651.88	3908811.55	0.00025
167630.98	3908824.63	0.00021	167731.64	3908718.98	0.00032
167754.34	3908721.12	0.00037	167777.04	3908723.27	0.00043
167799.75	3908725.42	0.00048	167822.45	3908727.56	0.00053
167845.15	3908729.71	0.00056	167902.08	3908801.43	0.00073
167905.92	3908823.90	0.00079	167909.76	3908846.38	0.00085
167913.61	3908868.86	0.00088	167917.45	3908891.33	0.00085
167708.94	3908716.83	0.00027	167688.04	3908729.92	0.00025
167667.14	3908743.00	0.00022	167646.25	3908756.08	0.00020
167625.35	3908769.17	0.00017	167604.45	3908782.25	0.00016
167706.62	3908676.74	0.00024	167730.84	3908679.03	0.00028
167755.05	3908681.32	0.00032	167779.27	3908683.61	0.00037
167803.48	3908685.90	0.00042	167827.70	3908688.19	0.00046
167851.91	3908690.47	0.00048	167876.12	3908692.76	0.00049
167900.34	3908695.05	0.00051	167936.85	3908769.26	0.00068
167940.95	3908793.24	0.00073	167945.05	3908817.21	0.00078
167949.15	3908841.19	0.00083	167953.24	3908865.16	0.00085

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167957.34	3908889.14	0.00085	167961.44	3908913.11	0.00082
167682.41	3908674.45	0.00020	167661.51	3908687.54	0.00018
167640.61	3908700.62	0.00016	167619.71	3908713.71	0.00015
167598.82	3908726.79	0.00013	167577.92	3908739.87	0.00012
167679.16	3908634.27	0.00017	167702.44	3908636.48	0.00020
167725.72	3908638.68	0.00024	167749.01	3908640.88	0.00027
167772.29	3908643.08	0.00031	167795.57	3908645.28	0.00035
167818.86	3908647.48	0.00038	167842.14	3908649.68	0.00040
167865.42	3908651.88	0.00041	167888.71	3908654.08	0.00042
167911.99	3908656.28	0.00043	167935.27	3908658.48	0.00045
167974.32	3908752.89	0.00067	167978.26	3908775.95	0.00071
167982.20	3908799.00	0.00074	167986.14	3908822.05	0.00077
167990.09	3908845.10	0.00078	167994.03	3908868.16	0.00078
167997.97	3908891.21	0.00076	168001.91	3908914.26	0.00073
168005.85	3908937.31	0.00068	167655.87	3908632.07	0.00015
167634.98	3908645.16	0.00014	167614.08	3908658.24	0.00013
167593.18	3908671.33	0.00012	167572.28	3908684.41	0.00011
167551.38	3908697.49	0.00010	167653.56	3908591.98	0.00014
167677.77	3908594.27	0.00015	167701.99	3908596.56	0.00018
167726.20	3908598.85	0.00021	167750.41	3908601.14	0.00024
167774.63	3908603.43	0.00027	167798.84	3908605.72	0.00030
167823.06	3908608.00	0.00033	167847.27	3908610.29	0.00035
167871.49	3908612.58	0.00036	167895.70	3908614.87	0.00037
167919.92	3908617.16	0.00037	167944.13	3908619.45	0.00038
167968.35	3908621.74	0.00041	167996.66	3908648.00	0.00050
168000.76	3908671.98	0.00054	168004.86	3908695.95	0.00058
168008.96	3908719.92	0.00062	168013.05	3908743.90	0.00066
168017.15	3908767.87	0.00069	168021.25	3908791.85	0.00071
168025.35	3908815.82	0.00072	168029.45	3908839.80	0.00072
168033.55	3908863.77	0.00071	168037.65	3908887.75	0.00068
168041.74	3908911.72	0.00064	168045.84	3908935.70	0.00058
168049.94	3908959.67	0.00051	167629.34	3908589.69	0.00012
167608.44	3908602.78	0.00011	167587.55	3908615.86	0.00010
167566.65	3908628.95	0.00010	167545.75	3908642.03	0.00009
167524.85	3908655.11	0.00008	167600.49	3908507.23	0.00010
167624.70	3908509.51	0.00010	167648.92	3908511.80	0.00011
167673.13	3908514.09	0.00012	167697.35	3908516.38	0.00014
167721.56	3908518.67	0.00016	167745.78	3908520.96	0.00018
167769.99	3908523.25	0.00020	167794.21	3908525.54	0.00022
167818.42	3908527.82	0.00025	167842.64	3908530.11	0.00027

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167866.85	3908532.40	0.00029	167891.07	3908534.69	0.00031
167915.28	3908536.98	0.00032	167939.49	3908539.27	0.00034
167963.71	3908541.56	0.00035	167987.92	3908543.84	0.00035
168012.14	3908546.13	0.00035	168036.35	3908548.42	0.00036
168064.67	3908574.69	0.00040	168068.77	3908598.66	0.00043
168072.86	3908622.64	0.00047	168076.96	3908646.61	0.00050
168081.06	3908670.58	0.00053	168085.16	3908694.56	0.00056
168089.26	3908718.53	0.00060	168093.36	3908742.51	0.00062
168097.46	3908766.48	0.00062	168101.55	3908790.46	0.00062
168105.65	3908814.43	0.00061	168109.75	3908838.41	0.00059
168113.85	3908862.38	0.00056	168117.95	3908886.36	0.00053
168122.05	3908910.33	0.00048	168126.15	3908934.31	0.00043
168130.24	3908958.28	0.00037	168134.34	3908982.26	0.00033
168138.44	3909006.23	0.00029	167576.28	3908504.94	0.00009
167555.38	3908518.02	0.00008	167534.48	3908531.10	0.00008
167513.58	3908544.19	0.00007	167492.68	3908557.27	0.00006
167471.79	3908570.36	0.00006	167547.42	3908422.47	0.00008
167571.64	3908424.76	0.00008	167595.85	3908427.04	0.00009
167620.07	3908429.33	0.00009	167644.28	3908431.62	0.00010
167668.50	3908433.91	0.00011	167692.71	3908436.20	0.00012
167716.93	3908438.49	0.00013	167741.14	3908440.78	0.00014
167765.36	3908443.07	0.00015	167789.57	3908445.35	0.00017
167813.78	3908447.64	0.00019	167838.00	3908449.93	0.00020
167862.21	3908452.22	0.00022	167886.43	3908454.51	0.00023
167910.64	3908456.80	0.00024	167934.86	3908459.09	0.00026
167959.07	3908461.38	0.00026	167983.29	3908463.66	0.00027
168007.50	3908465.95	0.00028	168031.72	3908468.24	0.00029
168055.93	3908470.53	0.00029	168080.15	3908472.82	0.00030
168104.36	3908475.11	0.00030	168132.67	3908501.37	0.00033
168136.77	3908525.35	0.00035	168140.87	3908549.32	0.00038
168144.97	3908573.30	0.00040	168149.07	3908597.27	0.00042
168153.17	3908621.24	0.00045	168157.27	3908645.22	0.00047
168161.36	3908669.19	0.00050	168165.46	3908693.17	0.00052
168169.56	3908717.14	0.00053	168173.66	3908741.12	0.00053
168177.76	3908765.09	0.00052	168181.86	3908789.07	0.00050
168185.96	3908813.04	0.00049	168190.05	3908837.02	0.00046
168194.15	3908860.99	0.00043	168198.25	3908884.97	0.00039
168202.35	3908908.94	0.00035	168206.45	3908932.92	0.00031
168210.55	3908956.89	0.00028	168214.65	3908980.87	0.00025
168218.74	3909004.84	0.00023	168222.84	3909028.82	0.00020

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168226.94	3909052.79	0.00018	167523.21	3908420.18	0.00007
167502.31	3908433.26	0.00007	167481.41	3908446.35	0.00006
167460.51	3908459.43	0.00006	167439.62	3908472.51	0.00005
167418.72	3908485.60	0.00005	167494.36	3908337.71	0.00004
167518.57	3908340.00	0.00005	167542.79	3908342.29	0.00006
167567.00	3908344.57	0.00006	167591.22	3908346.86	0.00007
167615.43	3908349.15	0.00007	167639.65	3908351.44	0.00008
167663.86	3908353.73	0.00009	167688.07	3908356.02	0.00010
167712.29	3908358.31	0.00011	167736.50	3908360.60	0.00012
167760.72	3908362.88	0.00013	167784.93	3908365.17	0.00014
167809.15	3908367.46	0.00015	167833.36	3908369.75	0.00016
167857.58	3908372.04	0.00017	167881.79	3908374.33	0.00018
167906.01	3908376.62	0.00019	167930.22	3908378.91	0.00020
167954.44	3908381.19	0.00021	167978.65	3908383.48	0.00022
168002.86	3908385.77	0.00022	168027.08	3908388.06	0.00023
168051.29	3908390.35	0.00024	168075.51	3908392.64	0.00024
168099.72	3908394.93	0.00025	168123.94	3908397.22	0.00025
168148.15	3908399.50	0.00025	168172.37	3908401.79	0.00026
168200.68	3908428.06	0.00028	168204.78	3908452.03	0.00030
168208.88	3908476.01	0.00031	168212.98	3908499.98	0.00033
168217.07	3908523.96	0.00035	168221.17	3908547.93	0.00038
168225.27	3908571.90	0.00039	168229.37	3908595.88	0.00041
168233.47	3908619.85	0.00043	168237.57	3908643.83	0.00045
168241.67	3908667.80	0.00045	168245.77	3908691.78	0.00045
168249.86	3908715.75	0.00044	168253.96	3908739.73	0.00043
168258.06	3908763.70	0.00041	168262.16	3908787.68	0.00039
168266.26	3908811.65	0.00037	168270.36	3908835.63	0.00035
168274.46	3908859.60	0.00032	168278.55	3908883.58	0.00029
168282.65	3908907.55	0.00027	168286.75	3908931.53	0.00024
168290.85	3908955.50	0.00022	168294.95	3908979.48	0.00019
168299.05	3909003.45	0.00017	168303.15	3909027.42	0.00016
168307.24	3909051.40	0.00014	168311.34	3909075.37	0.00012
168315.44	3909099.35	0.00011	167470.14	3908335.42	0.00004
167449.24	3908348.50	0.00004	167428.35	3908361.59	0.00004
167407.45	3908374.67	0.00004	167386.55	3908387.76	0.00004
167365.65	3908400.84	0.00003	167441.29	3908252.95	0.00003
167465.51	3908255.24	0.00003	167489.72	3908257.53	0.00004
167513.93	3908259.82	0.00004	167538.15	3908262.11	0.00005
167562.36	3908264.39	0.00005	167586.58	3908266.68	0.00006
167610.79	3908268.97	0.00006	167635.01	3908271.26	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167659.22	3908273.55	0.00007	167683.44	3908275.84	0.00008
167707.65	3908278.13	0.00009	167731.87	3908280.41	0.00009
167756.08	3908282.70	0.00010	167780.30	3908284.99	0.00011
167804.51	3908287.28	0.00012	167828.73	3908289.57	0.00013
167852.94	3908291.86	0.00014	167877.15	3908294.15	0.00015
167901.37	3908296.44	0.00015	167925.58	3908298.72	0.00016
167949.80	3908301.01	0.00017	167974.01	3908303.30	0.00018
167998.23	3908305.59	0.00018	168022.44	3908307.88	0.00019
168046.66	3908310.17	0.00019	168070.87	3908312.46	0.00020
168095.09	3908314.75	0.00020	168119.30	3908317.03	0.00021
168143.52	3908319.32	0.00021	168167.73	3908321.61	0.00021
168191.94	3908323.90	0.00021	168216.16	3908326.19	0.00022
168240.37	3908328.48	0.00023	168268.69	3908334.74	0.00025
168272.79	3908337.72	0.00026	168276.88	3908402.69	0.00028
168280.98	3908426.67	0.00029	168285.08	3908450.64	0.00030
168289.18	3908474.62	0.00032	168293.28	3908498.59	0.00033
168297.38	3908522.56	0.00035	168301.48	3908546.54	0.00036
168305.57	3908570.51	0.00037	168309.67	3908594.49	0.00038
168313.77	3908618.46	0.00039	168317.87	3908642.44	0.00039
168321.97	3908666.41	0.00039	168326.07	3908690.39	0.00038
168330.17	3908714.36	0.00036	168334.27	3908738.34	0.00035
168338.36	3908762.31	0.00033	168342.46	3908786.29	0.00031
168346.56	3908810.26	0.00029	168350.66	3908834.24	0.00027
168354.76	3908858.21	0.00025	168358.86	3908882.19	0.00022
168362.96	3908906.16	0.00020	168367.05	3908930.14	0.00018
168371.15	3908954.11	0.00017	168375.25	3908978.08	0.00015
168379.35	3909002.06	0.00014	168383.45	3909026.03	0.00012
168387.55	3909050.01	0.00011	168391.65	3909073.98	0.00010
168395.74	3909097.96	0.00009	168399.84	3909121.93	0.00008
168403.94	3909145.91	0.00007	167417.08	3908250.66	0.00003
167396.18	3908263.75	0.00003	167375.28	3908276.83	0.00002
167354.38	3908289.91	0.00002	167333.48	3908303.00	0.00002
167312.59	3908316.08	0.00002	167640.13	3908885.50	0.00029
167628.89	3908906.15	0.00027	167617.66	3908926.80	0.00024
167618.17	3908873.55	0.00022	167606.93	3908894.20	0.00020
167595.70	3908914.85	0.00018	167584.47	3908935.50	0.00015
167573.23	3908956.15	0.00012	167607.80	3908849.28	0.00018
167584.97	3908882.26	0.00016	167573.74	3908902.91	0.00014
167562.51	3908923.56	0.00012	167551.27	3908944.21	0.00010
167540.04	3908964.86	0.00008	167528.80	3908985.51	0.00008

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167517.57	3909006.16	0.00007	167506.34	3909026.81	0.00008
167495.10	3909047.46	0.00008	167565.33	3908823.85	0.00012
167541.05	3908858.36	0.00010	167529.82	3908879.01	0.00009
167518.58	3908899.66	0.00009	167507.35	3908920.32	0.00008
167496.12	3908940.97	0.00007	167484.88	3908961.62	0.00007
167473.65	3908982.27	0.00008	167462.41	3909002.92	0.00008
167451.18	3909023.57	0.00009	167439.95	3909044.22	0.00010
167522.27	3908799.03	0.00009	167550.10	3908769.45	0.00010
167497.13	3908834.47	0.00008	167485.89	3908855.12	0.00007
167474.66	3908875.77	0.00007	167463.43	3908896.42	0.00007
167452.19	3908917.07	0.00007	167440.96	3908937.73	0.00007
167429.73	3908958.38	0.00008	167418.49	3908979.03	0.00008
167407.26	3908999.68	0.00009	167396.03	3909020.33	0.00010
167384.79	3909040.98	0.00012	167478.93	3908774.52	0.00007
167507.91	3908743.71	0.00008	167453.21	3908810.58	0.00006
167441.97	3908831.23	0.00006	167430.74	3908851.88	0.00006
167419.51	3908872.53	0.00006	167408.27	3908893.18	0.00006
167397.04	3908913.83	0.00007	167385.80	3908934.48	0.00007
167374.57	3908955.13	0.00007	167363.34	3908975.79	0.00008
167352.10	3908996.44	0.00009	167340.87	3909017.09	0.00010
167435.42	3908750.19	0.00005	167465.23	3908718.50	0.00006
167495.04	3908686.81	0.00007	167409.28	3908786.69	0.00005
167398.05	3908807.34	0.00005	167386.82	3908827.99	0.00005
167375.58	3908848.64	0.00006	167364.35	3908869.29	0.00006
167353.12	3908889.94	0.00006	167341.88	3908910.59	0.00006
167330.65	3908931.24	0.00007	167319.42	3908951.89	0.00007
167308.18	3908972.54	0.00008	167296.95	3908993.19	0.00009
167348.13	3908701.82	0.00004	167379.04	3908668.95	0.00004
167394.50	3908652.52	0.00005	167409.96	3908636.09	0.00005
167440.87	3908603.22	0.00005	167456.33	3908586.79	0.00006
167332.67	3908718.25	0.00004	167321.44	3908738.90	0.00004
167310.21	3908759.55	0.00004	167298.97	3908780.20	0.00004
167287.74	3908800.85	0.00005	167276.51	3908821.50	0.00005
167265.27	3908842.15	0.00005	167254.04	3908862.81	0.00005
167242.80	3908883.46	0.00005	167231.57	3908904.11	0.00006
167220.34	3908924.76	0.00006	167209.10	3908945.41	0.00007
167260.64	3908653.66	0.00003	167276.45	3908636.85	0.00003
167292.25	3908620.05	0.00004	167308.06	3908603.24	0.00004
167323.87	3908586.43	0.00004	167339.68	3908569.63	0.00004
167355.49	3908552.82	0.00004	167371.29	3908536.02	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167387.10	3908519.21	0.00005	167402.91	3908502.40	0.00005
167244.83	3908670.46	0.00004	167233.60	3908691.11	0.00004
167222.36	3908711.77	0.00004	167211.13	3908732.42	0.00004
167199.90	3908753.07	0.00004	167188.66	3908773.72	0.00004
167177.43	3908794.37	0.00004	167166.19	3908815.02	0.00004
167154.96	3908835.67	0.00004	167143.73	3908856.32	0.00005
167132.49	3908876.97	0.00005	167121.26	3908897.62	0.00005
167173.04	3908605.61	0.00003	167189.09	3908588.55	0.00003
167205.14	3908571.49	0.00003	167221.19	3908554.42	0.00003
167237.24	3908537.36	0.00003	167253.29	3908520.29	0.00004
167269.34	3908503.23	0.00004	167285.40	3908486.16	0.00003
167301.45	3908469.10	0.00003	167317.50	3908452.03	0.00003
167333.55	3908434.97	0.00003	167349.60	3908417.90	0.00003
167156.99	3908622.68	0.00003	167145.75	3908643.33	0.00003
167134.52	3908663.98	0.00003	167123.28	3908684.63	0.00003
167112.05	3908705.28	0.00003	167100.82	3908725.93	0.00003
167089.58	3908746.58	0.00004	167078.35	3908767.24	0.00004
167067.12	3908787.89	0.00004	167055.88	3908808.54	0.00004
167044.65	3908829.19	0.00004	167033.42	3908849.84	0.00004
167084.36	3908558.72	0.00003	167114.79	3908526.37	0.00003
167145.22	3908494.01	0.00002	167175.65	3908461.66	0.00002
167206.08	3908429.31	0.00002	167236.51	3908396.96	0.00002
167266.94	3908364.61	0.00002	167057.91	3908595.54	0.00003
167046.67	3908616.20	0.00003	167035.44	3908636.85	0.00003
167024.21	3908657.50	0.00003	167012.97	3908678.15	0.00003
167001.74	3908698.80	0.00003	166990.51	3908719.45	0.00003
166979.27	3908740.10	0.00003	166968.04	3908760.75	0.00003
166956.81	3908781.40	0.00003	166945.57	3908802.05	0.00004
167371.89	3909070.62	0.00015	167324.49	3909054.72	0.00014
167277.08	3909038.83	0.00012	167287.02	3909016.01	0.00010
167182.26	3909007.07	0.00009	167192.33	3908983.95	0.00008
167087.44	3908975.32	0.00007	167096.46	3908954.60	0.00007
167106.60	3908931.29	0.00006	166992.61	3908943.58	0.00006
167001.68	3908922.75	0.00006	167010.75	3908901.92	0.00005
167019.81	3908881.09	0.00005	166897.78	3908911.84	0.00005
166906.89	3908890.93	0.00005	166915.99	3908870.02	0.00004
166925.09	3908849.11	0.00004	166934.19	3908828.19	0.00004
167363.01	3909118.12	0.00027	167359.57	3909162.59	0.00043
167359.57	3909185.91	0.00051	167359.57	3909209.24	0.00059
167359.57	3909232.56	0.00065	167359.57	3909255.88	0.00069

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167312.80	3909119.44	0.00026	167319.26	3909079.78	0.00017
167309.57	3909162.59	0.00038	167309.57	3909185.91	0.00045
167309.57	3909209.24	0.00051	167309.57	3909232.56	0.00056
167309.57	3909255.88	0.00061	167309.57	3909279.20	0.00063
167262.67	3909120.23	0.00024	167268.87	3909082.16	0.00017
167259.57	3909162.59	0.00034	167259.57	3909185.91	0.00039
167259.57	3909209.24	0.00044	167259.57	3909232.56	0.00049
167259.57	3909255.88	0.00053	167259.57	3909279.20	0.00056
167163.01	3909118.12	0.00020	167169.90	3909075.82	0.00015
167176.79	3909033.51	0.00011	167159.57	3909162.59	0.00026
167159.57	3909185.91	0.00030	167159.57	3909209.24	0.00033
167159.57	3909232.56	0.00037	167159.57	3909255.88	0.00039
167159.57	3909279.20	0.00042	167063.26	3909116.61	0.00016
167066.95	3909093.95	0.00014	167070.64	3909071.28	0.00012
167074.33	3909048.62	0.00011	167078.02	3909025.96	0.00010
167081.71	3909003.30	0.00009	167059.57	3909139.27	0.00018
167059.57	3909162.59	0.00021	167059.57	3909185.91	0.00024
167059.57	3909209.24	0.00026	167059.57	3909232.56	0.00028
167059.57	3909255.88	0.00030	167059.57	3909279.20	0.00032
166963.01	3909118.12	0.00014	166969.90	3909075.82	0.00011
166976.79	3909033.51	0.00009	166983.68	3908991.21	0.00007
166959.57	3909162.59	0.00017	166959.57	3909185.91	0.00019
166959.57	3909209.24	0.00021	166959.57	3909232.56	0.00022
166959.57	3909255.88	0.00024	166959.57	3909279.20	0.00025
166863.19	3909117.06	0.00012	166866.80	3909094.85	0.00010
166874.04	3909050.43	0.00009	166877.65	3909028.22	0.00008
166881.27	3909006.02	0.00007	166884.89	3908983.81	0.00007
166888.50	3908961.60	0.00006	166859.57	3909139.27	0.00013
166859.57	3909162.59	0.00014	166859.57	3909185.91	0.00015
166859.57	3909209.24	0.00017	166859.57	3909232.56	0.00018
166859.57	3909255.88	0.00019	166859.57	3909279.20	0.00020
167540.50	3909215.75	0.00040	167541.64	3909179.96	0.00030
167537.74	3909149.96	0.00019	167536.33	3909120.68	0.00010
167536.33	3909106.64	0.00008	167534.58	3909076.82	0.00007
167559.14	3909104.89	0.00007	167557.39	3909075.06	0.00007
167589.84	3909052.25	0.00009	167615.28	3909003.13	0.00024
167542.47	3909053.13	0.00007	167566.16	3909006.64	0.00009
167539.75	3909198.46	0.00036	167537.08	3909134.72	0.00014
167535.55	3909092.74	0.00008	167558.45	3909089.69	0.00007
167553.49	3909032.06	0.00007	167601.96	3909028.24	0.00015

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 14134 ***

*** LOSSAN CCLF HRA
 *** 0<2 Age Bin Concentrations

*** 10/28/21
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS 0.00184 AT (167741.20, 3909041.34, 79.72, 368.83, 0.00)		DC	
	2ND HIGHEST VALUE IS 0.00182 AT (167752.65, 3909019.58, 80.42, 368.83, 0.00)		DC	
	3RD HIGHEST VALUE IS 0.00171 AT (167764.10, 3908997.82, 81.20, 368.83, 0.00)		DC	
	4TH HIGHEST VALUE IS 0.00168 AT (167729.75, 3909063.10, 79.43, 368.83, 0.00)		DC	
	5TH HIGHEST VALUE IS 0.00163 AT (167786.22, 3909009.46, 82.93, 368.83, 0.00)		DC	
	6TH HIGHEST VALUE IS 0.00163 AT (167774.78, 3909031.22, 82.17, 368.83, 0.00)		DC	
	7TH HIGHEST VALUE IS 0.00156 AT (167775.55, 3908976.06, 81.63, 368.83, 0.00)		DC	
	8TH HIGHEST VALUE IS 0.00156 AT (167797.67, 3908987.70, 83.55, 368.83, 0.00)		DC	
	9TH HIGHEST VALUE IS 0.00151 AT (167763.33, 3909052.98, 81.44, 368.83, 0.00)		DC	
	10TH HIGHEST VALUE IS 0.00145 AT (167809.12, 3908965.94, 84.07, 368.83, 0.00)		DC	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 0<2 Age Bin Concentrations

*** 10/28/21
*** 03:59:48
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 15649 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 12843 Calm Hours Identified

A Total of 2806 Missing Hours Identified (6.40 Percent)

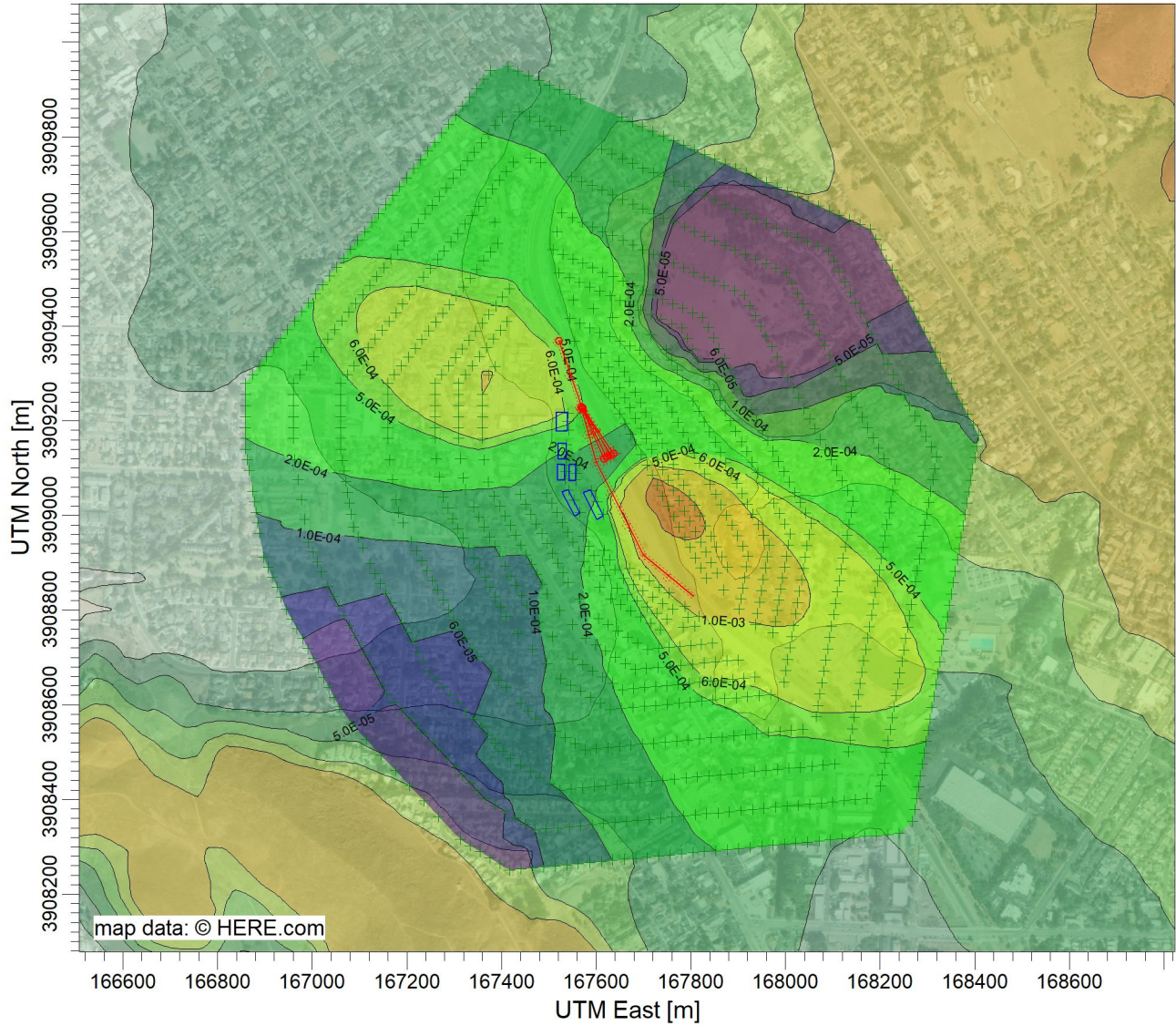
***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours= 48

*** AERMOD Finishes Successfully ***

PROJECT TITLE:

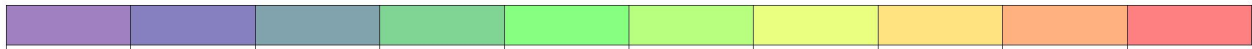
**LOSSAN CCLF DPM HRA
2<16 Age Bin Concentrations**




PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 2.7E-03 [ug/m³] at (167741.20, 3909041.34)



COMMENTS:	SOURCES: 10	COMPANY NAME: ERPinc (www.erpinc.com)	
	RECEPTORS: 1120	MODELER: Keith Cooper	
	OUTPUT TYPE: Concentration	SCALE: 1:14,564 0  0.5 km	
	MAX: 2.7E-03 ug/m³	DATE: 10/28/2021	PROJECT NO.:

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 10/28/2021
** File: C:\Lakes\AERMOD View\LOSSAN CCLF 2-16\LOSSAN CCLF 2-16.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE LOSSAN CCLF HRA
  TITLETWO 2<16 Age Bin Concentrations
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 47302 San_Luis_Obispo_2019_population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "LOSSAN CCLF 2-16.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION STCK1      POINT      167616.014  3909119.568      76.470
** DESCRSRC Idle 1
LOCATION STCK2      POINT      167622.766  3909123.402      76.780
** DESCRSRC Idle 2
LOCATION STCK3      POINT      167630.600  3909127.264      77.140
** DESCRSRC Idle 3
LOCATION STCK4      POINT      167636.976  3909130.898      77.430
** DESCRSRC Idle 4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN1
** DESCRSRC Spur
** PREFIX
** Length of Side = 9.12
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 9.5346E-10
** Nodes = 2
** 167521.004, 3909368.620, 77.89, 23.20
** 167570.436, 3909226.139, 75.33, 23.20
** -----

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LOCATION A0000016   AREA   167516.694 3909367.125 77.35
LOCATION A0000017   AREA   167541.410 3909295.884 76.55
** End of LINE AREA Source ID = ARLN1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN2
** DESCRSRC Wash
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.4525E-09
** Nodes = 4
** 167568.341, 3909229.227, 75.08, 23.20
** 167599.947, 3909112.532, 76.43, 23.20
** 167700.434, 3908916.418, 75.30, 23.20
** 167805.785, 3908828.897, 80.56, 23.20
** -----
LOCATION A0000009   AREA   167563.515 3909227.920 75.21
LOCATION A0000010   AREA   167579.318 3909169.573 75.00
LOCATION A0000011   AREA   167595.497 3909110.252 75.51
LOCATION A0000012   AREA   167628.993 3909044.881 74.54
LOCATION A0000013   AREA   167662.489 3908979.509 73.87
LOCATION A0000014   AREA   167697.239 3908912.572 75.04
LOCATION A0000015   AREA   167749.915 3908868.811 77.15
** End of LINE AREA Source ID = ARLN2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN3
** DESCRSRC Track 1
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.4523E-09
** Nodes = 2
** 167570.373, 3909226.334, 75.33, 23.20
** 167615.611, 3909120.467, 76.52, 23.20
** -----
LOCATION A0000022   AREA   167565.776 3909224.370 75.23
LOCATION A0000023   AREA   167588.394 3909171.436 75.54
** End of LINE AREA Source ID = ARLN3
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN4
** DESCRSRC Track 2
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.4538E-09
** Nodes = 2
** 167570.561, 3909226.898, 75.37, 23.20
** 167622.369, 3909124.221, 76.76, 23.20
** -----
LOCATION A0000020   AREA   167566.097 3909224.645 75.26
LOCATION A0000021   AREA   167592.001 3909173.307 75.77

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** End of LINE AREA Source ID = ARLN4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN5
** DESCRSRC Track 3
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.4627E-09
** Nodes = 2
** 167571.124, 3909226.522, 75.38, 23.20
** 167629.689, 3909128.351, 77.31, 23.20
** -----
LOCATION A0000024   AREA   167566.830 3909223.960 75.29
LOCATION A0000025   AREA   167596.113 3909174.875 76.02
** End of LINE AREA Source ID = ARLN5
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN6
** DESCRSRC Track 4
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.4512E-09
** Nodes = 2
** 167571.875, 3909227.085, 75.44, 23.20
** 167636.259, 3909131.542, 77.36, 23.20
** -----
LOCATION A0000026   AREA   167567.729 3909224.291 75.35
LOCATION A0000027   AREA   167599.921 3909176.519 76.26
** End of LINE AREA Source ID = ARLN6
** Source Parameters **
SRCPARAM STCK1    0.0000657709    4.600    351.000    3.73000    0.666
SRCPARAM STCK2    0.0000657709    4.600    351.000    3.73000    0.666
SRCPARAM STCK3    0.0000657709    4.600    351.000    3.73000    0.666
SRCPARAM STCK4    0.0000657709    4.600    351.000    3.73000    0.666
** LINE AREA Source ID = ARLN1
SRCPARAM A0000016  9.5346E-10    23.200    75.406    9.124    70.866    10.770
SRCPARAM A0000017  9.5346E-10    23.200    75.406    9.124    70.866    10.770
** -----
** LINE AREA Source ID = ARLN2
SRCPARAM A0000009  1.4525E-09    23.200    60.450    10.000    74.846    10.770
SRCPARAM A0000010  1.4525E-09    23.200    60.450    10.000    74.846    10.770
SRCPARAM A0000011  1.4525E-09    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000012  1.4525E-09    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000013  1.4525E-09    23.200    73.453    10.000    62.870    10.770
SRCPARAM A0000014  1.4525E-09    23.200    68.481    10.000    39.719    10.770
SRCPARAM A0000015  1.4525E-09    23.200    68.481    10.000    39.719    10.770
** -----
** LINE AREA Source ID = ARLN3
SRCPARAM A0000022  1.4523E-09    23.200    57.564    10.000    66.863    10.770
SRCPARAM A0000023  1.4523E-09    23.200    57.564    10.000    66.863    10.770
** -----
** LINE AREA Source ID = ARLN4
SRCPARAM A0000020  1.4538E-09    23.200    57.503    10.000    63.226    10.770

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SRCPARAM A0000021	1.4538E-09	23.200	57.503	10.000	63.226	10.770

** LINE AREA Source ID = ARLN5						
SRCPARAM A0000024	1.4627E-09	23.200	57.156	10.000	59.181	10.770
SRCPARAM A0000025	1.4627E-09	23.200	57.156	10.000	59.181	10.770

** LINE AREA Source ID = ARLN6						
SRCPARAM A0000026	1.4512E-09	23.200	57.606	10.000	56.025	10.770
SRCPARAM A0000027	1.4512E-09	23.200	57.606	10.000	56.025	10.770

** Building Downwash **						
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00

YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00

URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"

** Variable Emission Scenario: "Scenario 1"

EMISFACT	STCK1	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000014	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0

```
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
```

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

RE STARTING
INCLUDED "LOSSAN CCLF 2-16.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**

ME STARTING

```
SURFFILE 722897\722897.SFC
PROFFILE 722897\722897.PFL
SURFDATA 93206 2009 SLO_Regional_Airport
UAIRDATA 93214 2009
PROFBASE 61.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "LOSSAN CCLF 2-16.AD\AN00GALL.PLT" 31
  SUMMFILE "LOSSAN CCLF 2-16.sum"
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****
```

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 21 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 47302.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 21 Source(s); 1 Source Group(s); and 1120 Receptor(s)
with: 4 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 17 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 61.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LOSSAN CCLF 2-16.err
**File for Summary of Results: LOSSAN CCLF 2-16.sum

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.65771E-04	167616.0	3909119.6	76.5	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK2	0	0.65771E-04	167622.8	3909123.4	76.8	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK3	0	0.65771E-04	167630.6	3909127.3	77.1	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK4	0	0.65771E-04	167637.0	3909130.9	77.4	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
A0000016	0	0.95346E-09	167516.7	3909367.1	77.3	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000017	0	0.95346E-09	167541.4	3909295.9	76.5	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000009	0	0.14525E-08	167563.5	3909227.9	75.2	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000010	0	0.14525E-08	167579.3	3909169.6	75.0	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000011	0	0.14525E-08	167595.5	3909110.3	75.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000012	0	0.14525E-08	167629.0	3909044.9	74.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000013	0	0.14525E-08	167662.5	3908979.5	73.9	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000014	0	0.14525E-08	167697.2	3908912.6	75.0	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000015	0	0.14525E-08	167749.9	3908868.8	77.1	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000022	0	0.14523E-08	167565.8	3909224.4	75.2	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000023	0	0.14523E-08	167588.4	3909171.4	75.5	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000020	0	0.14538E-08	167566.1	3909224.6	75.3	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000021	0	0.14538E-08	167592.0	3909173.3	75.8	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000024	0	0.14627E-08	167566.8	3909224.0	75.3	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000025	0	0.14627E-08	167596.1	3909174.9	76.0	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000026	0	0.14512E-08	167567.7	3909224.3	75.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY
A0000027	0	0.14512E-08	167599.9	3909176.5	76.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL STCK1 , STCK2 , STCK3 , STCK4 , A0000016 , A0000017 , A0000009 , A0000010 ,
A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000022 , A0000023 , A0000020 ,
A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs								
-----	-----	-----	-----	-----	-----	-----	-----			
A0000010	47302.	STCK1	, STCK2	, STCK3	, STCK4	, A0000016	, A0000017	, A0000009	,	
		A0000011	, A0000012	, A0000013	, A0000014	, A0000015	, A0000022	, A0000023	, A0000020	,
		A0000021	, A0000024	, A0000025	, A0000026	, A0000027				,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = STCK1 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK2 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK3 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK4 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000016 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000017 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000009 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000010 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000011 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000012 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000013 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000014 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000015 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000022 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000023 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000020 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000021 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000024 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000025 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000026 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** 10/28/21
*** 03:30:35
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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167886.9, 3908979.1,	97.3,	368.8,	0.0);	(167898.4, 3908957.3,	98.5,	368.8,	0.0);
(167909.8, 3908935.6,	97.7,	368.8,	0.0);	(167921.3, 3908913.8,	94.8,	368.8,	0.0);
(167716.1, 3909381.5,	101.3,	368.8,	0.0);	(167675.2, 3909399.9,	97.3,	368.8,	0.0);
(167634.3, 3909418.2,	90.7,	368.8,	0.0);	(167593.4, 3909436.6,	85.2,	368.8,	0.0);
(167552.5, 3909455.0,	81.9,	368.8,	0.0);	(167387.2, 3909314.5,	70.2,	368.8,	0.0);
(167373.4, 3909296.8,	69.5,	368.8,	0.0);	(167748.0, 3909350.6,	102.0,	368.8,	0.0);
(167759.5, 3909328.8,	100.5,	368.8,	0.0);	(167770.9, 3909307.0,	97.9,	368.8,	0.0);
(167782.4, 3909285.3,	96.2,	368.8,	0.0);	(167793.8, 3909263.5,	93.7,	368.8,	0.0);
(167805.3, 3909241.8,	91.0,	368.8,	0.0);	(167816.7, 3909220.0,	90.5,	368.8,	0.0);
(167828.2, 3909198.2,	89.9,	368.8,	0.0);	(167839.6, 3909176.5,	88.3,	368.8,	0.0);
(167851.1, 3909154.7,	87.2,	368.8,	0.0);	(167862.5, 3909132.9,	86.5,	368.8,	0.0);
(167873.9, 3909111.2,	86.3,	368.8,	0.0);	(167885.4, 3909089.4,	86.0,	368.8,	0.0);
(167896.8, 3909067.7,	87.6,	368.8,	0.0);	(167908.3, 3909045.9,	89.1,	368.8,	0.0);
(167919.8, 3909024.1,	90.0,	368.8,	0.0);	(167931.2, 3909002.4,	91.0,	368.8,	0.0);
(167942.6, 3908980.6,	91.0,	368.8,	0.0);	(167954.1, 3908958.8,	90.0,	368.8,	0.0);
(167965.5, 3908937.1,	88.1,	368.8,	0.0);	(167759.2, 3909405.3,	113.0,	368.8,	0.0);
(167737.6, 3909415.0,	110.3,	368.8,	0.0);	(167715.9, 3909424.8,	106.7,	368.8,	0.0);
(167694.3, 3909434.5,	101.9,	368.8,	0.0);	(167672.7, 3909444.2,	97.3,	368.8,	0.0);
(167651.0, 3909453.9,	92.8,	368.8,	0.0);	(167629.4, 3909463.6,	89.2,	368.8,	0.0);
(167607.8, 3909473.3,	86.3,	368.8,	0.0);	(167586.1, 3909483.0,	84.3,	368.8,	0.0);
(167564.5, 3909492.8,	82.8,	368.8,	0.0);	(167542.9, 3909502.5,	81.6,	368.8,	0.0);
(167521.2, 3909512.2,	80.4,	368.8,	0.0);	(167411.9, 3909409.9,	72.5,	368.8,	0.0);
(167397.3, 3909391.2,	71.7,	368.8,	0.0);	(167382.7, 3909372.5,	70.8,	368.8,	0.0);
(167368.0, 3909353.9,	70.0,	368.8,	0.0);	(167353.4, 3909335.2,	69.4,	368.8,	0.0);
(167338.8, 3909316.5,	68.8,	368.8,	0.0);	(167324.2, 3909297.9,	68.1,	368.8,	0.0);
(167780.8, 3909395.6,	116.0,	368.8,	0.0);	(167792.3, 3909373.8,	114.8,	368.8,	0.0);
(167803.7, 3909352.1,	112.9,	368.8,	0.0);	(167815.2, 3909330.3,	109.3,	368.8,	0.0);
(167826.6, 3909308.5,	104.4,	368.8,	0.0);	(167838.1, 3909286.8,	99.9,	368.8,	0.0);
(167849.5, 3909265.0,	97.7,	368.8,	0.0);	(167861.0, 3909243.3,	99.0,	368.8,	0.0);
(167872.4, 3909221.5,	98.5,	368.8,	0.0);	(167883.9, 3909199.7,	97.4,	368.8,	0.0);
(167895.3, 3909178.0,	96.1,	368.8,	0.0);	(167906.8, 3909156.2,	94.6,	368.8,	0.0);
(167918.2, 3909134.5,	93.2,	368.8,	0.0);	(167929.6, 3909112.7,	91.8,	368.8,	0.0);
(167941.1, 3909090.9,	91.3,	368.8,	0.0);	(167952.5, 3909069.2,	90.8,	368.8,	0.0);
(167964.0, 3909047.4,	90.5,	368.8,	0.0);	(167975.4, 3909025.6,	89.9,	368.8,	0.0);
(167986.9, 3909003.9,	88.9,	368.8,	0.0);	(167998.3, 3908982.1,	87.5,	368.8,	0.0);
(168009.8, 3908960.4,	86.1,	368.8,	0.0);	(167804.0, 3909428.3,	128.4,	368.8,	0.0);
(167782.9, 3909437.8,	125.1,	368.8,	0.0);	(167761.8, 3909447.3,	120.2,	368.8,	0.0);
(167740.7, 3909456.8,	113.8,	368.8,	0.0);	(167719.6, 3909466.2,	106.8,	368.8,	0.0);
(167698.5, 3909475.7,	100.5,	368.8,	0.0);	(167677.4, 3909485.2,	96.2,	368.8,	0.0);
(167656.3, 3909494.7,	92.7,	368.8,	0.0);	(167635.3, 3909504.1,	89.7,	368.8,	0.0);
(167614.2, 3909513.6,	87.0,	368.8,	0.0);	(167593.1, 3909523.1,	85.0,	368.8,	0.0);
(167572.0, 3909532.5,	83.8,	368.8,	0.0);	(167550.9, 3909542.0,	82.7,	368.8,	0.0);
(167529.8, 3909551.5,	81.4,	368.8,	0.0);	(167508.7, 3909561.0,	80.0,	368.8,	0.0);
(167416.4, 3909479.4,	73.7,	368.8,	0.0);	(167402.1, 3909461.2,	72.9,	368.8,	0.0);
(167387.9, 3909443.0,	72.0,	368.8,	0.0);	(167373.6, 3909424.8,	71.1,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167359.3, 3909406.6,	70.2,	368.8,	0.0);	(167345.1, 3909388.4,	69.4,	368.8,	0.0);
(167330.8, 3909370.2,	68.9,	368.8,	0.0);	(167316.6, 3909352.0,	68.6,	368.8,	0.0);
(167302.3, 3909333.8,	67.9,	368.8,	0.0);	(167288.1, 3909315.6,	67.3,	368.8,	0.0);
(167273.8, 3909297.4,	66.8,	368.8,	0.0);	(167825.1, 3909418.9,	131.5,	368.8,	0.0);
(167836.5, 3909397.1,	129.6,	368.8,	0.0);	(167848.0, 3909375.3,	126.7,	368.8,	0.0);
(167859.4, 3909353.6,	119.8,	368.8,	0.0);	(167870.9, 3909331.8,	109.9,	368.8,	0.0);
(167882.3, 3909310.1,	109.5,	368.8,	0.0);	(167893.8, 3909288.3,	109.3,	368.8,	0.0);
(167905.2, 3909266.5,	109.1,	368.8,	0.0);	(167916.7, 3909244.8,	108.8,	368.8,	0.0);
(167928.1, 3909223.0,	107.2,	368.8,	0.0);	(167939.6, 3909201.3,	104.6,	368.8,	0.0);
(167951.0, 3909179.5,	101.2,	368.8,	0.0);	(167962.4, 3909157.7,	98.9,	368.8,	0.0);
(167973.9, 3909136.0,	96.8,	368.8,	0.0);	(167985.3, 3909114.2,	95.1,	368.8,	0.0);
(167996.8, 3909092.4,	93.5,	368.8,	0.0);	(168008.2, 3909070.7,	92.2,	368.8,	0.0);
(168019.7, 3909048.9,	90.7,	368.8,	0.0);	(168031.1, 3909027.2,	89.2,	368.8,	0.0);
(168042.6, 3909005.4,	87.7,	368.8,	0.0);	(168054.0, 3908983.6,	86.3,	368.8,	0.0);
(167892.1, 3909475.1,	154.3,	368.8,	0.0);	(167870.7, 3909484.7,	152.4,	368.8,	0.0);
(167849.3, 3909494.3,	147.6,	368.8,	0.0);	(167827.9, 3909503.9,	141.0,	368.8,	0.0);
(167806.4, 3909513.5,	133.8,	368.8,	0.0);	(167785.0, 3909523.2,	126.5,	368.8,	0.0);
(167763.6, 3909532.8,	118.3,	368.8,	0.0);	(167742.2, 3909542.4,	111.2,	368.8,	0.0);
(167720.8, 3909552.0,	104.7,	368.8,	0.0);	(167699.3, 3909561.7,	99.5,	368.8,	0.0);
(167677.9, 3909571.3,	97.3,	368.8,	0.0);	(167656.5, 3909580.9,	95.2,	368.8,	0.0);
(167635.0, 3909590.5,	92.3,	368.8,	0.0);	(167613.6, 3909600.2,	89.5,	368.8,	0.0);
(167592.2, 3909609.8,	87.1,	368.8,	0.0);	(167570.8, 3909619.4,	85.1,	368.8,	0.0);
(167549.3, 3909629.0,	83.5,	368.8,	0.0);	(167527.9, 3909638.7,	81.3,	368.8,	0.0);
(167518.0, 3909600.2,	80.9,	368.8,	0.0);	(167385.3, 3909619.1,	72.1,	368.8,	0.0);
(167391.2, 3909575.1,	72.6,	368.8,	0.0);	(167376.8, 3909556.6,	72.0,	368.8,	0.0);
(167362.3, 3909538.1,	71.5,	368.8,	0.0);	(167347.8, 3909519.6,	70.9,	368.8,	0.0);
(167333.3, 3909501.1,	70.4,	368.8,	0.0);	(167318.8, 3909482.6,	69.8,	368.8,	0.0);
(167304.4, 3909464.1,	69.1,	368.8,	0.0);	(167289.9, 3909445.6,	68.5,	368.8,	0.0);
(167275.4, 3909427.1,	67.6,	368.8,	0.0);	(167260.9, 3909408.6,	67.0,	368.8,	0.0);
(167246.4, 3909390.1,	66.6,	368.8,	0.0);	(167232.0, 3909371.7,	66.1,	368.8,	0.0);
(167217.5, 3909353.2,	65.7,	368.8,	0.0);	(167203.0, 3909334.7,	65.2,	368.8,	0.0);
(167188.5, 3909316.2,	64.7,	368.8,	0.0);	(167174.0, 3909297.7,	64.2,	368.8,	0.0);
(167913.6, 3909465.4,	154.5,	368.8,	0.0);	(167925.0, 3909443.7,	152.5,	368.8,	0.0);
(167936.5, 3909421.9,	149.4,	368.8,	0.0);	(167947.9, 3909400.1,	145.1,	368.8,	0.0);
(167959.4, 3909378.4,	140.3,	368.8,	0.0);	(167970.8, 3909356.6,	135.0,	368.8,	0.0);
(167982.3, 3909334.9,	129.0,	368.8,	0.0);	(167993.7, 3909313.1,	122.8,	368.8,	0.0);
(168005.2, 3909291.3,	116.5,	368.8,	0.0);	(168016.6, 3909269.6,	110.6,	368.8,	0.0);
(168028.1, 3909247.8,	107.3,	368.8,	0.0);	(168039.5, 3909226.1,	104.8,	368.8,	0.0);
(168050.9, 3909204.3,	102.5,	368.8,	0.0);	(168062.4, 3909182.5,	100.3,	368.8,	0.0);
(168073.8, 3909160.8,	98.2,	368.8,	0.0);	(168085.3, 3909139.0,	96.6,	368.8,	0.0);
(168096.8, 3909117.2,	94.7,	368.8,	0.0);	(168108.2, 3909095.5,	92.8,	368.8,	0.0);
(168119.6, 3909073.7,	91.0,	368.8,	0.0);	(168131.1, 3909052.0,	89.5,	368.8,	0.0);
(168142.5, 3909030.2,	88.1,	368.8,	0.0);	(167980.4, 3909521.7,	142.8,	368.8,	0.0);
(167958.8, 3909531.4,	143.6,	368.8,	0.0);	(167937.2, 3909541.1,	144.5,	368.8,	0.0);
(167915.5, 3909550.9,	145.3,	368.8,	0.0);	(167893.9, 3909560.6,	144.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167872.3, 3909570.3,	140.7,	368.8,	0.0);	(167850.7, 3909580.0,	135.5,	368.8,	0.0);
(167829.0, 3909589.7,	128.6,	368.8,	0.0);	(167807.4, 3909599.4,	121.2,	368.8,	0.0);
(167785.8, 3909609.2,	113.5,	368.8,	0.0);	(167764.1, 3909618.9,	107.5,	368.8,	0.0);
(167742.5, 3909628.6,	102.5,	368.8,	0.0);	(167720.9, 3909638.3,	99.0,	368.8,	0.0);
(167699.2, 3909648.0,	96.3,	368.8,	0.0);	(167677.6, 3909657.7,	93.6,	368.8,	0.0);
(167656.0, 3909667.4,	91.0,	368.8,	0.0);	(167634.3, 3909677.2,	88.3,	368.8,	0.0);
(167612.7, 3909686.9,	86.4,	368.8,	0.0);	(167591.1, 3909696.6,	84.6,	368.8,	0.0);
(167569.5, 3909706.3,	82.4,	368.8,	0.0);	(167547.8, 3909716.0,	80.1,	368.8,	0.0);
(167482.9, 3909745.2,	74.4,	368.8,	0.0);	(167461.3, 3909754.9,	73.0,	368.8,	0.0);
(167425.1, 3909745.9,	71.3,	368.8,	0.0);	(167410.4, 3909727.3,	70.9,	368.8,	0.0);
(167395.8, 3909708.6,	70.8,	368.8,	0.0);	(167381.2, 3909689.9,	70.6,	368.8,	0.0);
(167366.6, 3909671.3,	70.4,	368.8,	0.0);	(167352.0, 3909652.6,	70.1,	368.8,	0.0);
(167337.3, 3909633.9,	69.7,	368.8,	0.0);	(167322.7, 3909615.2,	69.4,	368.8,	0.0);
(167308.1, 3909596.6,	69.2,	368.8,	0.0);	(167293.5, 3909577.9,	69.1,	368.8,	0.0);
(167278.9, 3909559.2,	68.9,	368.8,	0.0);	(167264.2, 3909540.6,	68.7,	368.8,	0.0);
(167249.6, 3909521.9,	68.2,	368.8,	0.0);	(167235.0, 3909503.2,	67.8,	368.8,	0.0);
(167220.4, 3909484.6,	67.1,	368.8,	0.0);	(167205.8, 3909465.9,	66.6,	368.8,	0.0);
(167191.1, 3909447.2,	66.0,	368.8,	0.0);	(167176.5, 3909428.6,	65.4,	368.8,	0.0);
(167161.9, 3909409.9,	64.8,	368.8,	0.0);	(167147.3, 3909391.2,	64.4,	368.8,	0.0);
(167132.7, 3909372.5,	63.9,	368.8,	0.0);	(167118.0, 3909353.9,	63.5,	368.8,	0.0);
(167103.4, 3909335.2,	63.0,	368.8,	0.0);	(167088.8, 3909316.5,	62.4,	368.8,	0.0);
(167074.2, 3909297.9,	61.9,	368.8,	0.0);	(168002.1, 3909512.0,	141.1,	368.8,	0.0);
(168013.5, 3909490.2,	141.9,	368.8,	0.0);	(168025.0, 3909468.5,	141.3,	368.8,	0.0);
(168036.4, 3909446.7,	139.7,	368.8,	0.0);	(168047.9, 3909424.9,	135.7,	368.8,	0.0);
(168059.3, 3909403.2,	131.2,	368.8,	0.0);	(168070.8, 3909381.4,	126.1,	368.8,	0.0);
(168082.2, 3909359.7,	121.6,	368.8,	0.0);	(168093.7, 3909337.9,	115.8,	368.8,	0.0);
(168105.1, 3909316.1,	110.6,	368.8,	0.0);	(168116.6, 3909294.4,	106.5,	368.8,	0.0);
(168128.0, 3909272.6,	103.0,	368.8,	0.0);	(168139.4, 3909250.9,	99.8,	368.8,	0.0);
(168150.9, 3909229.1,	97.6,	368.8,	0.0);	(168162.3, 3909207.3,	96.5,	368.8,	0.0);
(168173.8, 3909185.6,	95.5,	368.8,	0.0);	(168185.2, 3909163.8,	94.9,	368.8,	0.0);
(168196.7, 3909142.0,	94.0,	368.8,	0.0);	(168208.1, 3909120.3,	93.1,	368.8,	0.0);
(168219.6, 3909098.5,	92.0,	368.8,	0.0);	(168231.0, 3909076.8,	90.8,	368.8,	0.0);
(168068.8, 3909568.3,	115.7,	368.8,	0.0);	(168047.0, 3909578.1,	117.2,	368.8,	0.0);
(168025.3, 3909587.9,	117.5,	368.8,	0.0);	(168003.5, 3909597.7,	117.4,	368.8,	0.0);
(167981.7, 3909607.4,	118.1,	368.8,	0.0);	(167959.9, 3909617.2,	119.0,	368.8,	0.0);
(167938.2, 3909627.0,	119.1,	368.8,	0.0);	(167916.4, 3909636.8,	119.0,	368.8,	0.0);
(167894.6, 3909646.6,	117.6,	368.8,	0.0);	(167872.9, 3909656.3,	114.5,	368.8,	0.0);
(167851.1, 3909666.1,	110.2,	368.8,	0.0);	(167829.3, 3909675.9,	105.2,	368.8,	0.0);
(167807.6, 3909685.7,	100.4,	368.8,	0.0);	(167785.8, 3909695.5,	96.7,	368.8,	0.0);
(167764.0, 3909705.2,	94.2,	368.8,	0.0);	(167742.2, 3909715.0,	91.6,	368.8,	0.0);
(167720.5, 3909724.8,	89.3,	368.8,	0.0);	(167698.7, 3909734.6,	87.0,	368.8,	0.0);
(167676.9, 3909744.3,	85.2,	368.8,	0.0);	(167655.2, 3909754.1,	83.9,	368.8,	0.0);
(167633.4, 3909763.9,	82.7,	368.8,	0.0);	(167611.6, 3909773.7,	81.1,	368.8,	0.0);
(167524.5, 3909812.8,	74.5,	368.8,	0.0);	(167502.8, 3909822.6,	73.2,	368.8,	0.0);
(167481.0, 3909832.4,	72.0,	368.8,	0.0);	(167459.2, 3909842.1,	70.8,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167437.5, 3909851.9,	69.7,	368.8,	0.0);	(167401.0, 3909842.9,	68.6,	368.8,	0.0);
(167386.3, 3909824.1,	68.1,	368.8,	0.0);	(167371.5, 3909805.3,	68.0,	368.8,	0.0);
(167356.8, 3909786.5,	67.8,	368.8,	0.0);	(167342.1, 3909767.7,	67.8,	368.8,	0.0);
(167327.4, 3909748.9,	67.8,	368.8,	0.0);	(167312.7, 3909730.2,	67.7,	368.8,	0.0);
(167298.0, 3909711.4,	67.7,	368.8,	0.0);	(167283.3, 3909692.6,	67.6,	368.8,	0.0);
(167268.6, 3909673.8,	67.4,	368.8,	0.0);	(167253.8, 3909655.0,	67.2,	368.8,	0.0);
(167239.1, 3909636.2,	67.1,	368.8,	0.0);	(167224.4, 3909617.4,	67.1,	368.8,	0.0);
(167209.7, 3909598.6,	67.0,	368.8,	0.0);	(167195.0, 3909579.8,	66.8,	368.8,	0.0);
(167180.3, 3909561.0,	66.4,	368.8,	0.0);	(167165.6, 3909542.3,	65.8,	368.8,	0.0);
(167150.8, 3909523.5,	65.2,	368.8,	0.0);	(167136.1, 3909504.7,	64.5,	368.8,	0.0);
(167121.4, 3909485.9,	63.9,	368.8,	0.0);	(167106.7, 3909467.1,	63.5,	368.8,	0.0);
(167092.0, 3909448.3,	63.1,	368.8,	0.0);	(167077.3, 3909429.5,	62.8,	368.8,	0.0);
(167062.6, 3909410.7,	62.4,	368.8,	0.0);	(167047.8, 3909391.9,	62.1,	368.8,	0.0);
(167033.1, 3909373.1,	61.8,	368.8,	0.0);	(167018.4, 3909354.4,	61.5,	368.8,	0.0);
(167003.7, 3909335.6,	61.3,	368.8,	0.0);	(166989.0, 3909316.8,	60.9,	368.8,	0.0);
(166974.3, 3909298.0,	60.5,	368.8,	0.0);	(168090.6, 3909558.5,	114.1,	368.8,	0.0);
(168102.0, 3909536.8,	116.3,	368.8,	0.0);	(168113.5, 3909515.0,	118.5,	368.8,	0.0);
(168124.9, 3909493.3,	119.3,	368.8,	0.0);	(168136.4, 3909471.5,	119.1,	368.8,	0.0);
(168147.8, 3909449.8,	118.2,	368.8,	0.0);	(168159.3, 3909428.0,	115.6,	368.8,	0.0);
(168170.7, 3909406.2,	112.5,	368.8,	0.0);	(168182.2, 3909384.5,	109.7,	368.8,	0.0);
(168193.6, 3909362.7,	108.1,	368.8,	0.0);	(168205.1, 3909340.9,	106.3,	368.8,	0.0);
(168216.5, 3909319.2,	104.2,	368.8,	0.0);	(168227.9, 3909297.4,	102.0,	368.8,	0.0);
(168239.4, 3909275.6,	100.6,	368.8,	0.0);	(168250.8, 3909253.9,	99.6,	368.8,	0.0);
(168262.3, 3909232.1,	98.3,	368.8,	0.0);	(168273.8, 3909210.4,	97.3,	368.8,	0.0);
(168285.2, 3909188.6,	96.7,	368.8,	0.0);	(168296.6, 3909166.8,	95.9,	368.8,	0.0);
(168308.1, 3909145.1,	95.4,	368.8,	0.0);	(168319.5, 3909123.3,	95.0,	368.8,	0.0);
(168157.2, 3909614.9,	107.6,	368.8,	0.0);	(168135.3, 3909624.8,	105.7,	368.8,	0.0);
(168113.5, 3909634.6,	103.8,	368.8,	0.0);	(168091.6, 3909644.4,	103.0,	368.8,	0.0);
(168069.7, 3909654.2,	102.4,	368.8,	0.0);	(168047.8, 3909664.1,	101.5,	368.8,	0.0);
(168026.0, 3909673.9,	100.8,	368.8,	0.0);	(168004.1, 3909683.7,	100.3,	368.8,	0.0);
(167982.2, 3909693.5,	99.6,	368.8,	0.0);	(167960.4, 3909703.3,	98.8,	368.8,	0.0);
(167938.5, 3909713.2,	97.9,	368.8,	0.0);	(167916.6, 3909723.0,	97.0,	368.8,	0.0);
(167894.8, 3909732.8,	95.7,	368.8,	0.0);	(167872.9, 3909742.6,	94.6,	368.8,	0.0);
(167851.0, 3909752.5,	93.2,	368.8,	0.0);	(167829.1, 3909762.3,	91.4,	368.8,	0.0);
(167807.3, 3909772.1,	89.6,	368.8,	0.0);	(167785.4, 3909781.9,	87.8,	368.8,	0.0);
(167763.5, 3909791.8,	86.0,	368.8,	0.0);	(167741.6, 3909801.6,	84.4,	368.8,	0.0);
(167719.8, 3909811.4,	82.7,	368.8,	0.0);	(167697.9, 3909821.2,	81.1,	368.8,	0.0);
(167676.0, 3909831.1,	79.9,	368.8,	0.0);	(167654.2, 3909840.9,	79.1,	368.8,	0.0);
(167566.7, 3909880.2,	75.4,	368.8,	0.0);	(167544.8, 3909890.0,	74.5,	368.8,	0.0);
(167522.9, 3909899.8,	73.0,	368.8,	0.0);	(167501.1, 3909909.7,	70.6,	368.8,	0.0);
(167479.2, 3909919.5,	68.7,	368.8,	0.0);	(167457.3, 3909929.3,	67.9,	368.8,	0.0);
(167435.5, 3909939.1,	67.7,	368.8,	0.0);	(167413.6, 3909948.9,	67.6,	368.8,	0.0);
(167376.9, 3909939.9,	67.4,	368.8,	0.0);	(167362.1, 3909921.0,	67.4,	368.8,	0.0);
(167347.4, 3909902.1,	67.4,	368.8,	0.0);	(167332.6, 3909883.3,	67.2,	368.8,	0.0);
(167317.8, 3909864.4,	67.1,	368.8,	0.0);	(167303.0, 3909845.5,	67.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167288.2, 3909826.6,	67.0,	368.8,	0.0);	(167273.5, 3909807.8,	66.9,	368.8,	0.0);
(167258.7, 3909788.9,	66.8,	368.8,	0.0);	(167243.9, 3909770.0,	66.7,	368.8,	0.0);
(167229.1, 3909751.1,	66.5,	368.8,	0.0);	(167214.3, 3909732.2,	66.4,	368.8,	0.0);
(167199.5, 3909713.4,	66.2,	368.8,	0.0);	(167184.8, 3909694.5,	65.9,	368.8,	0.0);
(167170.0, 3909675.6,	65.8,	368.8,	0.0);	(167155.2, 3909656.7,	65.6,	368.8,	0.0);
(167140.4, 3909637.9,	65.2,	368.8,	0.0);	(167125.6, 3909619.0,	64.6,	368.8,	0.0);
(167110.9, 3909600.1,	63.9,	368.8,	0.0);	(167096.1, 3909581.2,	63.3,	368.8,	0.0);
(167081.3, 3909562.4,	62.9,	368.8,	0.0);	(167066.5, 3909543.5,	62.4,	368.8,	0.0);
(167051.7, 3909524.6,	62.0,	368.8,	0.0);	(167036.9, 3909505.7,	61.7,	368.8,	0.0);
(167022.2, 3909486.8,	61.4,	368.8,	0.0);	(167007.4, 3909468.0,	61.2,	368.8,	0.0);
(166992.6, 3909449.1,	61.0,	368.8,	0.0);	(166977.8, 3909430.2,	60.9,	368.8,	0.0);
(166963.0, 3909411.3,	60.7,	368.8,	0.0);	(166948.3, 3909392.5,	60.6,	368.8,	0.0);
(166933.5, 3909373.6,	60.5,	368.8,	0.0);	(166918.7, 3909354.7,	60.4,	368.8,	0.0);
(166903.9, 3909335.8,	60.2,	368.8,	0.0);	(166889.1, 3909316.9,	60.1,	368.8,	0.0);
(166874.3, 3909298.1,	59.8,	368.8,	0.0);	(168179.1, 3909605.1,	109.2,	368.8,	0.0);
(168190.5, 3909583.3,	110.0,	368.8,	0.0);	(168202.0, 3909561.6,	110.9,	368.8,	0.0);
(168213.4, 3909539.8,	111.4,	368.8,	0.0);	(168224.9, 3909518.1,	111.8,	368.8,	0.0);
(168236.3, 3909496.3,	111.9,	368.8,	0.0);	(168247.8, 3909474.5,	111.9,	368.8,	0.0);
(168259.2, 3909452.8,	111.1,	368.8,	0.0);	(168270.7, 3909431.0,	110.5,	368.8,	0.0);
(168282.1, 3909409.3,	109.9,	368.8,	0.0);	(168293.6, 3909387.5,	108.9,	368.8,	0.0);
(168305.0, 3909365.7,	108.0,	368.8,	0.0);	(168316.4, 3909344.0,	107.6,	368.8,	0.0);
(168327.9, 3909322.2,	106.4,	368.8,	0.0);	(168339.3, 3909300.4,	105.2,	368.8,	0.0);
(168350.8, 3909278.7,	104.1,	368.8,	0.0);	(168362.2, 3909256.9,	102.9,	368.8,	0.0);
(168373.7, 3909235.2,	101.4,	368.8,	0.0);	(168385.1, 3909213.4,	100.0,	368.8,	0.0);
(168396.6, 3909191.6,	99.0,	368.8,	0.0);	(168408.0, 3909169.9,	99.1,	368.8,	0.0);
(167787.0, 3908808.0,	76.1,	368.8,	0.0);	(167754.4, 3908835.9,	75.9,	368.8,	0.0);
(167733.5, 3908848.9,	75.6,	368.8,	0.0);	(167712.6, 3908862.0,	74.8,	368.8,	0.0);
(167691.7, 3908875.1,	74.0,	368.8,	0.0);	(167670.8, 3908888.2,	73.1,	368.8,	0.0);
(167762.0, 3908801.6,	74.2,	368.8,	0.0);	(167741.1, 3908814.7,	74.1,	368.8,	0.0);
(167720.2, 3908827.8,	74.0,	368.8,	0.0);	(167699.3, 3908840.8,	73.4,	368.8,	0.0);
(167678.4, 3908853.9,	72.8,	368.8,	0.0);	(167657.5, 3908867.0,	72.1,	368.8,	0.0);
(167794.1, 3908784.7,	75.2,	368.8,	0.0);	(167816.8, 3908786.8,	77.5,	368.8,	0.0);
(167748.7, 3908780.4,	73.0,	368.8,	0.0);	(167727.8, 3908793.5,	73.0,	368.8,	0.0);
(167706.9, 3908806.6,	72.8,	368.8,	0.0);	(167686.0, 3908819.6,	72.3,	368.8,	0.0);
(167665.1, 3908832.7,	71.7,	368.8,	0.0);	(167644.2, 3908845.8,	71.0,	368.8,	0.0);
(167783.9, 3908763.8,	74.1,	368.8,	0.0);	(167808.1, 3908766.1,	75.5,	368.8,	0.0);
(167868.8, 3908842.6,	86.9,	368.8,	0.0);	(167735.5, 3908759.2,	72.8,	368.8,	0.0);
(167714.6, 3908772.3,	72.3,	368.8,	0.0);	(167693.7, 3908785.4,	71.9,	368.8,	0.0);
(167672.8, 3908798.5,	71.4,	368.8,	0.0);	(167651.9, 3908811.5,	70.8,	368.8,	0.0);
(167631.0, 3908824.6,	70.0,	368.8,	0.0);	(167731.6, 3908719.0,	73.3,	368.8,	0.0);
(167754.3, 3908721.1,	74.0,	368.8,	0.0);	(167777.0, 3908723.3,	74.8,	368.8,	0.0);
(167799.8, 3908725.4,	75.3,	368.8,	0.0);	(167822.4, 3908727.6,	76.5,	368.8,	0.0);
(167845.1, 3908729.7,	78.2,	368.8,	0.0);	(167902.1, 3908801.4,	85.4,	368.8,	0.0);
(167905.9, 3908823.9,	86.3,	368.8,	0.0);	(167909.8, 3908846.4,	87.9,	368.8,	0.0);
(167913.6, 3908868.9,	90.5,	368.8,	0.0);	(167917.4, 3908891.3,	93.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167708.9, 3908716.8,	72.7,	368.8,	0.0);	(167688.0, 3908729.9,	71.9,	368.8,	0.0);
(167667.1, 3908743.0,	71.0,	368.8,	0.0);	(167646.2, 3908756.1,	70.1,	368.8,	0.0);
(167625.3, 3908769.2,	69.4,	368.8,	0.0);	(167604.4, 3908782.2,	68.5,	368.8,	0.0);
(167706.6, 3908676.7,	73.4,	368.8,	0.0);	(167730.8, 3908679.0,	73.9,	368.8,	0.0);
(167755.0, 3908681.3,	74.3,	368.8,	0.0);	(167779.3, 3908683.6,	75.1,	368.8,	0.0);
(167803.5, 3908685.9,	76.3,	368.8,	0.0);	(167827.7, 3908688.2,	77.4,	368.8,	0.0);
(167851.9, 3908690.5,	78.8,	368.8,	0.0);	(167876.1, 3908692.8,	80.3,	368.8,	0.0);
(167900.3, 3908695.0,	81.2,	368.8,	0.0);	(167936.8, 3908769.3,	83.1,	368.8,	0.0);
(167940.9, 3908793.2,	84.2,	368.8,	0.0);	(167945.0, 3908817.2,	85.0,	368.8,	0.0);
(167949.1, 3908841.2,	85.8,	368.8,	0.0);	(167953.2, 3908865.2,	86.5,	368.8,	0.0);
(167957.3, 3908889.1,	87.4,	368.8,	0.0);	(167961.4, 3908913.1,	87.9,	368.8,	0.0);
(167682.4, 3908674.4,	72.5,	368.8,	0.0);	(167661.5, 3908687.5,	71.5,	368.8,	0.0);
(167640.6, 3908700.6,	70.3,	368.8,	0.0);	(167619.7, 3908713.7,	69.2,	368.8,	0.0);
(167598.8, 3908726.8,	67.9,	368.8,	0.0);	(167577.9, 3908739.9,	67.7,	368.8,	0.0);
(167679.2, 3908634.3,	72.6,	368.8,	0.0);	(167702.4, 3908636.5,	73.6,	368.8,	0.0);
(167725.7, 3908638.7,	74.3,	368.8,	0.0);	(167749.0, 3908640.9,	75.1,	368.8,	0.0);
(167772.3, 3908643.1,	75.8,	368.8,	0.0);	(167795.6, 3908645.3,	76.4,	368.8,	0.0);
(167818.9, 3908647.5,	77.3,	368.8,	0.0);	(167842.1, 3908649.7,	78.7,	368.8,	0.0);
(167865.4, 3908651.9,	80.4,	368.8,	0.0);	(167888.7, 3908654.1,	82.4,	368.8,	0.0);
(167912.0, 3908656.3,	83.8,	368.8,	0.0);	(167935.3, 3908658.5,	83.8,	368.8,	0.0);
(167974.3, 3908752.9,	81.5,	368.8,	0.0);	(167978.3, 3908775.9,	82.5,	368.8,	0.0);
(167982.2, 3908799.0,	83.2,	368.8,	0.0);	(167986.1, 3908822.0,	83.9,	368.8,	0.0);
(167990.1, 3908845.1,	84.5,	368.8,	0.0);	(167994.0, 3908868.2,	84.9,	368.8,	0.0);
(167998.0, 3908891.2,	85.0,	368.8,	0.0);	(168001.9, 3908914.3,	85.2,	368.8,	0.0);
(168005.8, 3908937.3,	85.6,	368.8,	0.0);	(167655.9, 3908632.1,	71.7,	368.8,	0.0);
(167635.0, 3908645.2,	70.7,	368.8,	0.0);	(167614.1, 3908658.2,	69.7,	368.8,	0.0);
(167593.2, 3908671.3,	68.8,	368.8,	0.0);	(167572.3, 3908684.4,	68.0,	368.8,	0.0);
(167551.4, 3908697.5,	67.2,	368.8,	0.0);	(167653.6, 3908592.0,	71.8,	368.8,	0.0);
(167677.8, 3908594.3,	72.5,	368.8,	0.0);	(167702.0, 3908596.6,	73.4,	368.8,	0.0);
(167726.2, 3908598.8,	74.1,	368.8,	0.0);	(167750.4, 3908601.1,	75.0,	368.8,	0.0);
(167774.6, 3908603.4,	75.7,	368.8,	0.0);	(167798.8, 3908605.7,	76.5,	368.8,	0.0);
(167823.1, 3908608.0,	77.5,	368.8,	0.0);	(167847.3, 3908610.3,	79.1,	368.8,	0.0);
(167871.5, 3908612.6,	81.1,	368.8,	0.0);	(167895.7, 3908614.9,	83.4,	368.8,	0.0);
(167919.9, 3908617.2,	85.2,	368.8,	0.0);	(167944.1, 3908619.4,	86.0,	368.8,	0.0);
(167968.3, 3908621.7,	83.6,	368.8,	0.0);	(167996.7, 3908648.0,	78.7,	368.8,	0.0);
(168000.8, 3908672.0,	78.6,	368.8,	0.0);	(168004.9, 3908695.9,	78.9,	368.8,	0.0);
(168009.0, 3908719.9,	79.6,	368.8,	0.0);	(168013.0, 3908743.9,	80.4,	368.8,	0.0);
(168017.1, 3908767.9,	81.3,	368.8,	0.0);	(168021.2, 3908791.8,	82.2,	368.8,	0.0);
(168025.3, 3908815.8,	82.8,	368.8,	0.0);	(168029.4, 3908839.8,	83.1,	368.8,	0.0);
(168033.5, 3908863.8,	83.5,	368.8,	0.0);	(168037.6, 3908887.8,	84.0,	368.8,	0.0);
(168041.7, 3908911.7,	84.4,	368.8,	0.0);	(168045.8, 3908935.7,	85.0,	368.8,	0.0);
(168049.9, 3908959.7,	85.6,	368.8,	0.0);	(167629.3, 3908589.7,	71.0,	368.8,	0.0);
(167608.4, 3908602.8,	70.2,	368.8,	0.0);	(167587.5, 3908615.9,	69.2,	368.8,	0.0);
(167566.6, 3908628.9,	68.6,	368.8,	0.0);	(167545.8, 3908642.0,	67.9,	368.8,	0.0);
(167524.8, 3908655.1,	67.3,	368.8,	0.0);	(167600.5, 3908507.2,	72.4,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167624.7, 3908509.5,	72.5,	368.8,	0.0);	(167648.9, 3908511.8,	72.6,	368.8,	0.0);
(167673.1, 3908514.1,	72.7,	368.8,	0.0);	(167697.3, 3908516.4,	73.0,	368.8,	0.0);
(167721.6, 3908518.7,	73.6,	368.8,	0.0);	(167745.8, 3908521.0,	74.3,	368.8,	0.0);
(167770.0, 3908523.2,	75.1,	368.8,	0.0);	(167794.2, 3908525.5,	76.1,	368.8,	0.0);
(167818.4, 3908527.8,	76.7,	368.8,	0.0);	(167842.6, 3908530.1,	77.1,	368.8,	0.0);
(167866.8, 3908532.4,	77.6,	368.8,	0.0);	(167891.1, 3908534.7,	77.8,	368.8,	0.0);
(167915.3, 3908537.0,	77.7,	368.8,	0.0);	(167939.5, 3908539.3,	77.2,	368.8,	0.0);
(167963.7, 3908541.6,	76.2,	368.8,	0.0);	(167987.9, 3908543.8,	75.0,	368.8,	0.0);
(168012.1, 3908546.1,	74.1,	368.8,	0.0);	(168036.3, 3908548.4,	73.5,	368.8,	0.0);
(168064.7, 3908574.7,	73.8,	368.8,	0.0);	(168068.8, 3908598.7,	74.7,	368.8,	0.0);
(168072.9, 3908622.6,	75.5,	368.8,	0.0);	(168077.0, 3908646.6,	75.3,	368.8,	0.0);
(168081.1, 3908670.6,	75.3,	368.8,	0.0);	(168085.2, 3908694.6,	75.8,	368.8,	0.0);
(168089.3, 3908718.5,	76.9,	368.8,	0.0);	(168093.4, 3908742.5,	78.5,	368.8,	0.0);
(168097.5, 3908766.5,	80.0,	368.8,	0.0);	(168101.5, 3908790.5,	80.9,	368.8,	0.0);
(168105.6, 3908814.4,	81.7,	368.8,	0.0);	(168109.8, 3908838.4,	82.3,	368.8,	0.0);
(168113.8, 3908862.4,	82.9,	368.8,	0.0);	(168117.9, 3908886.4,	83.3,	368.8,	0.0);
(168122.0, 3908910.3,	83.8,	368.8,	0.0);	(168126.1, 3908934.3,	84.5,	368.8,	0.0);
(168130.2, 3908958.3,	85.1,	368.8,	0.0);	(168134.3, 3908982.3,	85.9,	368.8,	0.0);
(168138.4, 3909006.2,	87.0,	368.8,	0.0);	(168142.5, 3909030.3,	87.3,	368.8,	0.0);
(167555.4, 3908518.0,	71.9,	368.8,	0.0);	(167534.5, 3908531.1,	71.2,	368.8,	0.0);
(167513.6, 3908544.2,	70.5,	368.8,	0.0);	(167492.7, 3908557.3,	69.9,	368.8,	0.0);
(167471.8, 3908570.4,	69.2,	368.8,	0.0);	(167547.4, 3908422.5,	77.6,	368.8,	0.0);
(167571.6, 3908424.8,	76.9,	368.8,	0.0);	(167595.8, 3908427.0,	76.5,	368.8,	0.0);
(167620.1, 3908429.3,	76.1,	368.8,	0.0);	(167644.3, 3908431.6,	75.8,	368.8,	0.0);
(167668.5, 3908433.9,	75.3,	368.8,	0.0);	(167692.7, 3908436.2,	74.7,	368.8,	0.0);
(167716.9, 3908438.5,	74.1,	368.8,	0.0);	(167741.1, 3908440.8,	74.0,	368.8,	0.0);
(167765.4, 3908443.1,	74.5,	368.8,	0.0);	(167789.6, 3908445.3,	75.4,	368.8,	0.0);
(167813.8, 3908447.6,	75.8,	368.8,	0.0);	(167838.0, 3908449.9,	75.9,	368.8,	0.0);
(167862.2, 3908452.2,	75.7,	368.8,	0.0);	(167886.4, 3908454.5,	75.3,	368.8,	0.0);
(167910.6, 3908456.8,	75.0,	368.8,	0.0);	(167934.9, 3908459.1,	74.5,	368.8,	0.0);
(167959.1, 3908461.4,	74.1,	368.8,	0.0);	(167983.3, 3908463.7,	73.7,	368.8,	0.0);
(168007.5, 3908465.9,	73.4,	368.8,	0.0);	(168031.7, 3908468.2,	73.0,	368.8,	0.0);
(168055.9, 3908470.5,	72.7,	368.8,	0.0);	(168080.1, 3908472.8,	72.5,	368.8,	0.0);
(168104.4, 3908475.1,	72.3,	368.8,	0.0);	(168128.5, 3908477.4,	72.0,	368.8,	0.0);
(168136.8, 3908525.3,	72.8,	368.8,	0.0);	(168140.9, 3908549.3,	73.3,	368.8,	0.0);
(168145.0, 3908573.3,	73.5,	368.8,	0.0);	(168149.1, 3908597.3,	73.6,	368.8,	0.0);
(168153.2, 3908621.2,	73.9,	368.8,	0.0);	(168157.3, 3908645.2,	74.8,	368.8,	0.0);
(168161.4, 3908669.2,	76.0,	368.8,	0.0);	(168165.5, 3908693.2,	77.1,	368.8,	0.0);
(168169.6, 3908717.1,	78.2,	368.8,	0.0);	(168173.7, 3908741.1,	79.4,	368.8,	0.0);
(168177.8, 3908765.1,	80.9,	368.8,	0.0);	(168181.9, 3908789.1,	82.0,	368.8,	0.0);
(168186.0, 3908813.0,	82.6,	368.8,	0.0);	(168190.0, 3908837.0,	83.1,	368.8,	0.0);
(168194.1, 3908861.0,	83.6,	368.8,	0.0);	(168198.2, 3908885.0,	84.3,	368.8,	0.0);
(168202.3, 3908908.9,	85.1,	368.8,	0.0);	(168206.4, 3908932.9,	85.9,	368.8,	0.0);
(168210.5, 3908956.9,	86.5,	368.8,	0.0);	(168214.6, 3908980.9,	86.9,	368.8,	0.0);
(168218.7, 3909004.8,	87.0,	368.8,	0.0);	(168222.8, 3909028.8,	88.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(168226.9, 3909052.8,	89.3,	368.8,	0.0);	(167523.2, 3908420.2,	78.5,	368.8,	0.0);
(167502.3, 3908433.3,	77.6,	368.8,	0.0);	(167481.4, 3908446.3,	76.2,	368.8,	0.0);
(167460.5, 3908459.4,	75.4,	368.8,	0.0);	(167439.6, 3908472.5,	74.5,	368.8,	0.0);
(167418.7, 3908485.6,	73.7,	368.8,	0.0);	(167494.4, 3908337.7,	87.2,	368.8,	0.0);
(167518.6, 3908340.0,	85.8,	368.8,	0.0);	(167542.8, 3908342.3,	84.3,	368.8,	0.0);
(167567.0, 3908344.6,	82.8,	368.8,	0.0);	(167591.2, 3908346.9,	81.4,	368.8,	0.0);
(167615.4, 3908349.1,	80.2,	368.8,	0.0);	(167639.6, 3908351.4,	79.4,	368.8,	0.0);
(167663.9, 3908353.7,	78.5,	368.8,	0.0);	(167688.1, 3908356.0,	77.8,	368.8,	0.0);
(167712.3, 3908358.3,	77.3,	368.8,	0.0);	(167736.5, 3908360.6,	77.1,	368.8,	0.0);
(167760.7, 3908362.9,	76.9,	368.8,	0.0);	(167784.9, 3908365.2,	76.7,	368.8,	0.0);
(167809.1, 3908367.5,	76.4,	368.8,	0.0);	(167833.4, 3908369.8,	75.8,	368.8,	0.0);
(167857.6, 3908372.0,	75.2,	368.8,	0.0);	(167881.8, 3908374.3,	74.5,	368.8,	0.0);
(167906.0, 3908376.6,	74.0,	368.8,	0.0);	(167930.2, 3908378.9,	73.5,	368.8,	0.0);
(167954.4, 3908381.2,	73.2,	368.8,	0.0);	(167978.6, 3908383.5,	72.9,	368.8,	0.0);
(168002.9, 3908385.8,	72.6,	368.8,	0.0);	(168027.1, 3908388.1,	72.2,	368.8,	0.0);
(168051.3, 3908390.3,	71.9,	368.8,	0.0);	(168075.5, 3908392.6,	71.7,	368.8,	0.0);
(168099.7, 3908394.9,	71.5,	368.8,	0.0);	(168123.9, 3908397.2,	71.2,	368.8,	0.0);
(168148.1, 3908399.5,	71.0,	368.8,	0.0);	(168172.4, 3908401.8,	70.9,	368.8,	0.0);
(168200.7, 3908428.1,	71.3,	368.8,	0.0);	(168204.8, 3908452.0,	71.8,	368.8,	0.0);
(168208.9, 3908476.0,	72.1,	368.8,	0.0);	(168213.0, 3908500.0,	72.6,	368.8,	0.0);
(168217.1, 3908524.0,	73.2,	368.8,	0.0);	(168221.2, 3908547.9,	73.8,	368.8,	0.0);
(168225.3, 3908571.9,	74.5,	368.8,	0.0);	(168229.4, 3908595.9,	75.1,	368.8,	0.0);
(168233.5, 3908619.8,	76.0,	368.8,	0.0);	(168237.6, 3908643.8,	77.1,	368.8,	0.0);
(168241.7, 3908667.8,	78.5,	368.8,	0.0);	(168245.8, 3908691.8,	80.0,	368.8,	0.0);
(168249.9, 3908715.8,	81.4,	368.8,	0.0);	(168254.0, 3908739.7,	82.7,	368.8,	0.0);
(168258.1, 3908763.7,	83.9,	368.8,	0.0);	(168262.2, 3908787.7,	84.9,	368.8,	0.0);
(168266.3, 3908811.6,	85.7,	368.8,	0.0);	(168270.4, 3908835.6,	86.2,	368.8,	0.0);
(168274.5, 3908859.6,	86.4,	368.8,	0.0);	(168278.5, 3908883.6,	86.3,	368.8,	0.0);
(168282.6, 3908907.5,	86.2,	368.8,	0.0);	(168286.8, 3908931.5,	86.8,	368.8,	0.0);
(168290.8, 3908955.5,	87.9,	368.8,	0.0);	(168294.9, 3908979.5,	89.2,	368.8,	0.0);
(168299.0, 3909003.4,	90.5,	368.8,	0.0);	(168303.1, 3909027.4,	91.6,	368.8,	0.0);
(168307.2, 3909051.4,	92.7,	368.8,	0.0);	(168311.3, 3909075.4,	93.6,	368.8,	0.0);
(168315.4, 3909099.3,	94.5,	368.8,	0.0);	(167470.1, 3908335.4,	87.9,	368.8,	0.0);
(167449.2, 3908348.5,	86.7,	368.8,	0.0);	(167428.3, 3908361.6,	85.0,	368.8,	0.0);
(167407.4, 3908374.7,	83.5,	368.8,	0.0);	(167386.5, 3908387.8,	82.7,	368.8,	0.0);
(167365.6, 3908400.8,	82.5,	368.8,	0.0);	(167441.3, 3908252.9,	91.9,	359.3,	0.0);
(167465.5, 3908255.2,	89.8,	368.8,	0.0);	(167489.7, 3908257.5,	87.7,	368.8,	0.0);
(167513.9, 3908259.8,	85.9,	368.8,	0.0);	(167538.1, 3908262.1,	84.9,	368.8,	0.0);
(167562.4, 3908264.4,	83.9,	368.8,	0.0);	(167586.6, 3908266.7,	82.9,	368.8,	0.0);
(167610.8, 3908269.0,	82.2,	368.8,	0.0);	(167635.0, 3908271.3,	81.5,	368.8,	0.0);
(167659.2, 3908273.5,	80.8,	368.8,	0.0);	(167683.4, 3908275.8,	80.0,	368.8,	0.0);
(167707.6, 3908278.1,	79.2,	368.8,	0.0);	(167731.9, 3908280.4,	78.5,	368.8,	0.0);
(167756.1, 3908282.7,	77.8,	368.8,	0.0);	(167780.3, 3908285.0,	77.1,	368.8,	0.0);
(167804.5, 3908287.3,	76.6,	368.8,	0.0);	(167828.7, 3908289.6,	76.1,	368.8,	0.0);
(167852.9, 3908291.9,	75.4,	368.8,	0.0);	(167877.1, 3908294.1,	74.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167901.4, 3908296.4,	74.0,	368.8,	0.0);	(167925.6, 3908298.7,	73.5,	368.8,	0.0);
(167949.8, 3908301.0,	73.0,	368.8,	0.0);	(167974.0, 3908303.3,	72.5,	368.8,	0.0);
(167998.2, 3908305.6,	72.0,	368.8,	0.0);	(168022.4, 3908307.9,	71.5,	368.8,	0.0);
(168046.7, 3908310.2,	71.1,	368.8,	0.0);	(168070.9, 3908312.5,	70.8,	368.8,	0.0);
(168095.1, 3908314.8,	70.5,	368.8,	0.0);	(168119.3, 3908317.0,	70.2,	368.8,	0.0);
(168143.5, 3908319.3,	69.9,	368.8,	0.0);	(168167.7, 3908321.6,	69.7,	368.8,	0.0);
(168191.9, 3908323.9,	69.4,	368.8,	0.0);	(168216.2, 3908326.2,	69.8,	368.8,	0.0);
(168240.4, 3908328.5,	70.5,	368.8,	0.0);	(168268.7, 3908354.7,	72.0,	368.8,	0.0);
(168272.8, 3908378.7,	72.6,	368.8,	0.0);	(168276.9, 3908402.7,	73.1,	368.8,	0.0);
(168281.0, 3908426.7,	73.5,	368.8,	0.0);	(168285.1, 3908450.6,	73.4,	368.8,	0.0);
(168289.2, 3908474.6,	73.3,	368.8,	0.0);	(168293.3, 3908498.6,	73.5,	368.8,	0.0);
(168297.4, 3908522.6,	74.0,	368.8,	0.0);	(168301.5, 3908546.5,	74.9,	368.8,	0.0);
(168305.6, 3908570.5,	75.7,	368.8,	0.0);	(168309.7, 3908594.5,	76.6,	368.8,	0.0);
(168313.8, 3908618.5,	77.5,	368.8,	0.0);	(168317.9, 3908642.4,	78.6,	368.8,	0.0);
(168322.0, 3908666.4,	80.1,	368.8,	0.0);	(168326.1, 3908690.4,	82.0,	368.8,	0.0);
(168330.2, 3908714.4,	83.9,	368.8,	0.0);	(168334.3, 3908738.3,	85.4,	368.8,	0.0);
(168338.4, 3908762.3,	86.5,	368.8,	0.0);	(168342.5, 3908786.3,	87.0,	368.8,	0.0);
(168346.6, 3908810.3,	87.2,	368.8,	0.0);	(168350.7, 3908834.2,	87.5,	368.8,	0.0);
(168354.8, 3908858.2,	88.0,	368.8,	0.0);	(168358.9, 3908882.2,	88.5,	368.8,	0.0);
(168363.0, 3908906.2,	89.0,	368.8,	0.0);	(168367.0, 3908930.1,	90.0,	368.8,	0.0);
(168371.1, 3908954.1,	91.2,	368.8,	0.0);	(168375.2, 3908978.1,	92.3,	368.8,	0.0);
(168379.3, 3909002.1,	93.5,	368.8,	0.0);	(168383.4, 3909026.0,	94.8,	368.8,	0.0);
(168387.5, 3909050.0,	96.1,	368.8,	0.0);	(168391.6, 3909074.0,	97.4,	368.8,	0.0);
(168395.7, 3909098.0,	98.4,	368.8,	0.0);	(168399.8, 3909121.9,	99.1,	368.8,	0.0);
(168403.9, 3909145.9,	98.9,	368.8,	0.0);	(167417.1, 3908250.7,	93.8,	359.3,	0.0);
(167396.2, 3908263.8,	94.2,	359.3,	0.0);	(167375.3, 3908276.8,	94.1,	359.3,	0.0);
(167354.4, 3908289.9,	93.7,	359.3,	0.0);	(167333.5, 3908303.0,	93.9,	359.3,	0.0);
(167312.6, 3908316.1,	94.5,	359.3,	0.0);	(167640.1, 3908885.5,	71.5,	368.8,	0.0);
(167628.9, 3908906.1,	71.2,	368.8,	0.0);	(167617.7, 3908926.8,	70.5,	368.8,	0.0);
(167618.2, 3908873.5,	70.0,	368.8,	0.0);	(167606.9, 3908894.2,	69.8,	368.8,	0.0);
(167595.7, 3908914.8,	69.4,	368.8,	0.0);	(167584.5, 3908935.5,	68.0,	368.8,	0.0);
(167573.2, 3908956.1,	68.6,	368.8,	0.0);	(167607.8, 3908849.3,	68.6,	368.8,	0.0);
(167585.0, 3908882.3,	68.6,	368.8,	0.0);	(167573.7, 3908902.9,	68.3,	368.8,	0.0);
(167562.5, 3908923.6,	67.7,	368.8,	0.0);	(167551.3, 3908944.2,	67.5,	368.8,	0.0);
(167540.0, 3908964.9,	68.1,	368.8,	0.0);	(167528.8, 3908985.5,	68.3,	368.8,	0.0);
(167517.6, 3909006.2,	68.6,	368.8,	0.0);	(167506.3, 3909026.8,	68.8,	368.8,	0.0);
(167495.1, 3909047.5,	68.9,	368.8,	0.0);	(167565.3, 3908823.8,	67.1,	368.8,	0.0);
(167541.0, 3908858.4,	66.1,	368.8,	0.0);	(167529.8, 3908879.0,	65.6,	368.8,	0.0);
(167518.6, 3908899.7,	65.4,	368.8,	0.0);	(167507.3, 3908920.3,	65.4,	368.8,	0.0);
(167496.1, 3908941.0,	65.4,	368.8,	0.0);	(167484.9, 3908961.6,	65.5,	368.8,	0.0);
(167473.6, 3908982.3,	65.6,	368.8,	0.0);	(167462.4, 3909002.9,	65.8,	368.8,	0.0);
(167451.2, 3909023.6,	66.0,	368.8,	0.0);	(167439.9, 3909044.2,	66.2,	368.8,	0.0);
(167522.3, 3908799.0,	64.8,	368.8,	0.0);	(167550.1, 3908769.4,	66.3,	368.8,	0.0);
(167497.1, 3908834.5,	63.4,	368.8,	0.0);	(167485.9, 3908855.1,	62.9,	368.8,	0.0);
(167474.7, 3908875.8,	62.8,	368.8,	0.0);	(167463.4, 3908896.4,	62.7,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167452.2, 3908917.1,	62.6,	368.8,	0.0);	(167441.0, 3908937.7,	62.6,	368.8,	0.0);
(167429.7, 3908958.4,	62.6,	368.8,	0.0);	(167418.5, 3908979.0,	63.0,	368.8,	0.0);
(167407.3, 3908999.7,	63.4,	368.8,	0.0);	(167396.0, 3909020.3,	63.7,	368.8,	0.0);
(167384.8, 3909041.0,	63.8,	368.8,	0.0);	(167478.9, 3908774.5,	63.5,	368.8,	0.0);
(167507.9, 3908743.7,	65.0,	368.8,	0.0);	(167453.2, 3908810.6,	62.2,	368.8,	0.0);
(167442.0, 3908831.2,	61.7,	368.8,	0.0);	(167430.7, 3908851.9,	61.1,	368.8,	0.0);
(167419.5, 3908872.5,	61.0,	368.8,	0.0);	(167408.3, 3908893.2,	61.0,	368.8,	0.0);
(167397.0, 3908913.8,	61.1,	368.8,	0.0);	(167385.8, 3908934.5,	61.1,	368.8,	0.0);
(167374.6, 3908955.1,	61.2,	368.8,	0.0);	(167363.3, 3908975.8,	61.4,	368.8,	0.0);
(167352.1, 3908996.4,	61.7,	368.8,	0.0);	(167340.9, 3909017.1,	62.0,	368.8,	0.0);
(167435.4, 3908750.2,	62.7,	368.8,	0.0);	(167465.2, 3908718.5,	64.1,	368.8,	0.0);
(167495.0, 3908686.8,	65.7,	368.8,	0.0);	(167409.3, 3908786.7,	61.5,	368.8,	0.0);
(167398.0, 3908807.3,	61.1,	368.8,	0.0);	(167386.8, 3908828.0,	60.8,	368.8,	0.0);
(167375.6, 3908848.6,	60.3,	368.8,	0.0);	(167364.3, 3908869.3,	60.2,	368.8,	0.0);
(167353.1, 3908889.9,	60.2,	368.8,	0.0);	(167341.9, 3908910.6,	60.2,	368.8,	0.0);
(167330.6, 3908931.2,	60.2,	368.8,	0.0);	(167319.4, 3908951.9,	60.2,	368.8,	0.0);
(167308.2, 3908972.5,	60.6,	368.8,	0.0);	(167296.9, 3908993.2,	60.9,	368.8,	0.0);
(167348.1, 3908701.8,	63.3,	368.8,	0.0);	(167379.0, 3908668.9,	64.8,	368.8,	0.0);
(167394.5, 3908652.5,	65.7,	368.8,	0.0);	(167410.0, 3908636.1,	66.6,	368.8,	0.0);
(167440.9, 3908603.2,	67.6,	368.8,	0.0);	(167456.3, 3908586.8,	68.5,	368.8,	0.0);
(167332.7, 3908718.2,	62.6,	368.8,	0.0);	(167321.4, 3908738.9,	61.6,	368.8,	0.0);
(167310.2, 3908759.5,	60.9,	368.8,	0.0);	(167299.0, 3908780.2,	60.4,	368.8,	0.0);
(167287.7, 3908800.8,	59.9,	368.8,	0.0);	(167276.5, 3908821.5,	59.4,	368.8,	0.0);
(167265.3, 3908842.1,	58.9,	368.8,	0.0);	(167254.0, 3908862.8,	58.5,	368.8,	0.0);
(167242.8, 3908883.5,	58.3,	368.8,	0.0);	(167231.6, 3908904.1,	58.2,	368.8,	0.0);
(167220.3, 3908924.8,	58.2,	368.8,	0.0);	(167209.1, 3908945.4,	58.5,	368.8,	0.0);
(167260.6, 3908653.7,	66.2,	368.8,	0.0);	(167276.4, 3908636.8,	67.2,	368.8,	0.0);
(167292.2, 3908620.0,	68.3,	368.8,	0.0);	(167308.1, 3908603.2,	69.4,	368.8,	0.0);
(167323.9, 3908586.4,	70.2,	368.8,	0.0);	(167339.7, 3908569.6,	70.8,	368.8,	0.0);
(167355.5, 3908552.8,	71.5,	368.8,	0.0);	(167371.3, 3908536.0,	72.1,	368.8,	0.0);
(167387.1, 3908519.2,	72.6,	368.8,	0.0);	(167402.9, 3908502.4,	73.2,	368.8,	0.0);
(167244.8, 3908670.5,	65.4,	368.8,	0.0);	(167233.6, 3908691.1,	64.3,	368.8,	0.0);
(167222.4, 3908711.8,	63.3,	368.8,	0.0);	(167211.1, 3908732.4,	62.1,	368.8,	0.0);
(167199.9, 3908753.1,	61.0,	368.8,	0.0);	(167188.7, 3908773.7,	59.8,	368.8,	0.0);
(167177.4, 3908794.4,	58.7,	368.8,	0.0);	(167166.2, 3908815.0,	57.6,	368.8,	0.0);
(167155.0, 3908835.7,	56.7,	368.8,	0.0);	(167143.7, 3908856.3,	55.9,	368.8,	0.0);
(167132.5, 3908877.0,	55.8,	368.8,	0.0);	(167121.3, 3908897.6,	56.2,	368.8,	0.0);
(167173.0, 3908605.6,	68.8,	368.8,	0.0);	(167189.1, 3908588.5,	70.6,	368.8,	0.0);
(167205.1, 3908571.5,	72.3,	368.8,	0.0);	(167221.2, 3908554.4,	73.6,	368.8,	0.0);
(167237.2, 3908537.4,	75.1,	368.8,	0.0);	(167253.3, 3908520.3,	76.3,	368.8,	0.0);
(167269.3, 3908503.2,	77.6,	368.8,	0.0);	(167285.4, 3908486.2,	78.7,	368.8,	0.0);
(167301.4, 3908469.1,	79.9,	368.8,	0.0);	(167317.5, 3908452.0,	80.7,	368.8,	0.0);
(167333.5, 3908435.0,	81.5,	368.8,	0.0);	(167349.6, 3908417.9,	82.1,	368.8,	0.0);
(167157.0, 3908622.7,	67.0,	368.8,	0.0);	(167145.8, 3908643.3,	64.6,	368.8,	0.0);
(167134.5, 3908664.0,	62.9,	368.8,	0.0);	(167123.3, 3908684.6,	61.5,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167112.0, 3908705.3,	60.7,	368.8,	0.0);	(167100.8, 3908725.9,	59.9,	368.8,	0.0);
(167089.6, 3908746.6,	59.1,	368.8,	0.0);	(167078.3, 3908767.2,	57.9,	368.8,	0.0);
(167067.1, 3908787.9,	56.9,	368.8,	0.0);	(167055.9, 3908808.5,	55.9,	368.8,	0.0);
(167044.6, 3908829.2,	54.9,	368.8,	0.0);	(167033.4, 3908849.8,	54.7,	368.8,	0.0);
(167084.4, 3908558.7,	74.0,	368.8,	0.0);	(167114.8, 3908526.4,	77.8,	368.8,	0.0);
(167145.2, 3908494.0,	82.3,	368.8,	0.0);	(167175.6, 3908461.7,	84.4,	368.8,	0.0);
(167206.1, 3908429.3,	88.2,	368.8,	0.0);	(167236.5, 3908397.0,	91.8,	359.3,	0.0);
(167266.9, 3908364.6,	93.8,	359.3,	0.0);	(167057.9, 3908595.5,	67.8,	368.8,	0.0);
(167046.7, 3908616.2,	64.9,	368.8,	0.0);	(167035.4, 3908636.8,	62.6,	368.8,	0.0);
(167024.2, 3908657.5,	61.1,	368.8,	0.0);	(167013.0, 3908678.1,	60.2,	368.8,	0.0);
(167001.7, 3908698.8,	59.4,	368.8,	0.0);	(166990.5, 3908719.4,	58.6,	368.8,	0.0);
(166979.3, 3908740.1,	57.9,	368.8,	0.0);	(166968.0, 3908760.8,	57.1,	368.8,	0.0);
(166956.8, 3908781.4,	56.3,	368.8,	0.0);	(166945.6, 3908802.0,	54.9,	368.8,	0.0);
(167371.9, 3909070.6,	64.2,	368.8,	0.0);	(167324.5, 3909054.7,	62.8,	368.8,	0.0);
(167277.1, 3909038.8,	61.7,	368.8,	0.0);	(167287.0, 3909016.0,	61.3,	368.8,	0.0);
(167182.3, 3909007.1,	60.2,	368.8,	0.0);	(167192.3, 3908983.9,	59.5,	368.8,	0.0);
(167087.4, 3908975.3,	58.1,	368.8,	0.0);	(167096.5, 3908954.6,	57.6,	368.8,	0.0);
(167106.6, 3908931.3,	57.1,	368.8,	0.0);	(166992.6, 3908943.6,	56.2,	368.8,	0.0);
(167001.7, 3908922.8,	55.8,	368.8,	0.0);	(167010.8, 3908901.9,	55.4,	368.8,	0.0);
(167019.8, 3908881.1,	55.3,	368.8,	0.0);	(166897.8, 3908911.8,	55.0,	368.8,	0.0);
(166906.9, 3908890.9,	54.4,	368.8,	0.0);	(166916.0, 3908870.0,	53.9,	368.8,	0.0);
(166925.1, 3908849.1,	53.5,	368.8,	0.0);	(166934.2, 3908828.2,	53.7,	368.8,	0.0);
(167363.0, 3909118.1,	65.1,	368.8,	0.0);	(167359.6, 3909162.6,	65.9,	368.8,	0.0);
(167359.6, 3909185.9,	66.3,	368.8,	0.0);	(167359.6, 3909209.2,	66.8,	368.8,	0.0);
(167359.6, 3909232.6,	67.4,	368.8,	0.0);	(167359.6, 3909255.9,	68.0,	368.8,	0.0);
(167312.8, 3909119.4,	64.3,	368.8,	0.0);	(167319.3, 3909079.8,	63.3,	368.8,	0.0);
(167309.6, 3909162.6,	65.1,	368.8,	0.0);	(167309.6, 3909185.9,	65.6,	368.8,	0.0);
(167309.6, 3909209.2,	66.1,	368.8,	0.0);	(167309.6, 3909232.6,	66.4,	368.8,	0.0);
(167309.6, 3909255.9,	66.9,	368.8,	0.0);	(167309.6, 3909279.2,	67.4,	368.8,	0.0);
(167262.7, 3909120.2,	63.8,	368.8,	0.0);	(167268.9, 3909082.2,	62.9,	368.8,	0.0);
(167259.6, 3909162.6,	64.6,	368.8,	0.0);	(167259.6, 3909185.9,	64.9,	368.8,	0.0);
(167259.6, 3909209.2,	65.2,	368.8,	0.0);	(167259.6, 3909232.6,	65.5,	368.8,	0.0);
(167259.6, 3909255.9,	65.8,	368.8,	0.0);	(167259.6, 3909279.2,	66.2,	368.8,	0.0);
(167163.0, 3909118.1,	62.5,	368.8,	0.0);	(167169.9, 3909075.8,	61.8,	368.8,	0.0);
(167176.8, 3909033.5,	61.0,	368.8,	0.0);	(167159.6, 3909162.6,	63.0,	368.8,	0.0);
(167159.6, 3909185.9,	63.2,	368.8,	0.0);	(167159.6, 3909209.2,	63.3,	368.8,	0.0);
(167159.6, 3909232.6,	63.4,	368.8,	0.0);	(167159.6, 3909255.9,	63.5,	368.8,	0.0);
(167159.6, 3909279.2,	63.7,	368.8,	0.0);	(167063.3, 3909116.6,	60.9,	368.8,	0.0);
(167066.9, 3909093.9,	60.6,	368.8,	0.0);	(167070.6, 3909071.3,	60.2,	368.8,	0.0);
(167074.3, 3909048.6,	59.8,	368.8,	0.0);	(167078.0, 3909026.0,	59.1,	368.8,	0.0);
(167081.7, 3909003.3,	58.7,	368.8,	0.0);	(167059.6, 3909139.3,	61.0,	368.8,	0.0);
(167059.6, 3909162.6,	61.1,	368.8,	0.0);	(167059.6, 3909185.9,	61.2,	368.8,	0.0);
(167059.6, 3909209.2,	61.1,	368.8,	0.0);	(167059.6, 3909232.6,	61.1,	368.8,	0.0);
(167059.6, 3909255.9,	61.3,	368.8,	0.0);	(167059.6, 3909279.2,	61.5,	368.8,	0.0);
(166963.0, 3909118.1,	58.7,	368.8,	0.0);	(166969.9, 3909075.8,	58.2,	368.8,	0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(166976.8, 3909033.5,	57.7,	368.8,	0.0);	(166983.7, 3908991.2,	57.2,	368.8,	0.0);
(166959.6, 3909162.6,	59.1,	368.8,	0.0);	(166959.6, 3909185.9,	59.3,	368.8,	0.0);
(166959.6, 3909209.2,	59.5,	368.8,	0.0);	(166959.6, 3909232.6,	59.7,	368.8,	0.0);
(166959.6, 3909255.9,	59.9,	368.8,	0.0);	(166959.6, 3909279.2,	60.2,	368.8,	0.0);
(166863.2, 3909117.1,	56.6,	368.8,	0.0);	(166866.8, 3909094.8,	56.6,	368.8,	0.0);
(166874.0, 3909050.4,	56.7,	368.8,	0.0);	(166877.6, 3909028.2,	56.9,	368.8,	0.0);
(166881.3, 3909006.0,	56.7,	368.8,	0.0);	(166884.9, 3908983.8,	56.4,	368.8,	0.0);
(166888.5, 3908961.6,	56.1,	368.8,	0.0);	(166859.6, 3909139.3,	56.7,	368.8,	0.0);
(166859.6, 3909162.6,	57.0,	368.8,	0.0);	(166859.6, 3909185.9,	57.6,	368.8,	0.0);
(166859.6, 3909209.2,	58.1,	368.8,	0.0);	(166859.6, 3909232.6,	58.7,	368.8,	0.0);
(166859.6, 3909255.9,	59.2,	368.8,	0.0);	(166859.6, 3909279.2,	59.6,	368.8,	0.0);
(167540.5, 3909215.8,	73.3,	368.8,	0.0);	(167541.6, 3909180.0,	72.7,	368.8,	0.0);
(167537.7, 3909150.0,	72.3,	368.8,	0.0);	(167536.3, 3909120.7,	72.2,	368.8,	0.0);
(167536.3, 3909106.6,	72.2,	368.8,	0.0);	(167534.6, 3909076.8,	71.7,	368.8,	0.0);
(167559.1, 3909104.9,	73.7,	368.8,	0.0);	(167557.4, 3909075.1,	73.0,	368.8,	0.0);
(167589.8, 3909052.2,	73.6,	368.8,	0.0);	(167615.3, 3909003.1,	72.4,	368.8,	0.0);
(167542.5, 3909053.1,	71.4,	368.8,	0.0);	(167566.2, 3909006.6,	70.7,	368.8,	0.0);
(167539.8, 3909198.5,	72.9,	368.8,	0.0);	(167537.1, 3909134.7,	72.3,	368.8,	0.0);
(167535.5, 3909092.7,	72.0,	368.8,	0.0);	(167558.4, 3909089.7,	73.5,	368.8,	0.0);
(167553.5, 3909032.1,	71.2,	368.8,	0.0);	(167602.0, 3909028.2,	73.0,	368.8,	0.0);

*** AERMOD - VERSION 21112 *** ** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** ** 2<16 Age Bin Concentrations

*** 10/28/21
*** 03:30:35
*** PAGE 25

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 722897\722897.SFC
Profile file: 722897\722897.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93206
Name: SLO_REGIONAL_AIRPORT
Year: 2009

Upper air station no.: 93214
Name: UNKNOWN
Year: 2009

Met Version: 14134

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
09	01	01	1	01	-9.7	0.093	-9.000	-9.000	-999.	68.	7.6	0.02	0.96	1.00	2.86	291.	10.0	284.2	2.0			
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	280.9	2.0			
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.8	2.0			
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	06	-6.0	0.072	-9.000	-9.000	-999.	46.	5.6	0.01	0.96	1.00	2.36	92.	10.0	279.9	2.0			
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	279.2	2.0			
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	0.64	0.00	0.	10.0	279.9	2.0			
09	01	01	1	09	10.9	-9.000	-9.000	-9.000	42.	-999.	-99999.0	0.02	0.96	0.35	0.00	0.	10.0	285.4	2.0			
09	01	01	1	10	60.1	-9.000	-9.000	-9.000	125.	-999.	-99999.0	0.02	0.96	0.25	0.00	0.	10.0	288.8	2.0			
09	01	01	1	11	96.1	0.345	0.796	0.010	189.	485.	-38.4	0.04	0.96	0.22	4.36	334.	10.0	290.9	2.0			
09	01	01	1	12	115.9	0.315	0.989	0.011	301.	425.	-24.3	0.04	0.96	0.21	3.86	326.	10.0	293.1	2.0			
09	01	01	1	13	117.4	0.522	1.109	0.009	419.	904.	-108.9	0.04	0.96	0.21	6.96	333.	10.0	292.5	2.0			
09	01	01	1	14	102.4	0.587	1.115	0.011	487.	1078.	-177.7	0.04	0.96	0.22	7.96	329.	10.0	293.8	2.0			
09	01	01	1	15	70.3	0.548	0.988	0.010	494.	976.	-210.4	0.04	0.96	0.24	7.46	332.	10.0	293.8	2.0			
09	01	01	1	16	23.1	0.504	0.683	0.008	495.	860.	-496.9	0.04	0.96	0.32	6.96	314.	10.0	291.1	2.0			
09	01	01	1	17	-49.6	0.552	-9.000	-9.000	-999.	984.	305.4	0.04	0.96	0.56	7.96	301.	10.0	287.0	2.0			
09	01	01	1	18	-39.0	0.351	-9.000	-9.000	-999.	537.	100.0	0.04	0.96	1.00	5.36	307.	10.0	285.9	2.0			
09	01	01	1	19	-44.0	0.397	-9.000	-9.000	-999.	599.	127.7	0.02	0.96	1.00	6.46	294.	10.0	286.4	2.0			
09	01	01	1	20	-31.2	0.282	-9.000	-9.000	-999.	367.	64.4	0.02	0.96	1.00	4.86	287.	10.0	286.4	2.0			
09	01	01	1	21	-6.0	0.072	-9.000	-9.000	-999.	124.	5.7	0.01	0.96	1.00	2.36	120.	10.0	284.1	2.0			
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.1	2.0			
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.1	2.0			
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	281.1	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	291.	2.86	284.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167603.82	3909302.48	0.00040	167615.27	3909280.72	0.00038
167626.72	3909258.96	0.00034	167638.17	3909237.19	0.00029
167649.61	3909215.43	0.00023	167661.06	3909193.67	0.00020
167672.51	3909171.91	0.00019	167683.96	3909150.15	0.00020
167695.41	3909128.39	0.00033	167706.86	3909106.63	0.00097
167718.31	3909084.86	0.00185	167729.75	3909063.10	0.00245
167741.20	3909041.34	0.00267	167752.65	3909019.58	0.00265
167764.10	3908997.82	0.00248	167775.55	3908976.06	0.00227
167787.00	3908954.30	0.00206	167798.44	3908932.53	0.00185
167809.89	3908910.77	0.00167	167821.34	3908889.01	0.00151
167832.79	3908867.25	0.00136	167583.77	3909333.07	0.00042
167625.95	3909314.12	0.00038	167637.39	3909292.36	0.00036
167648.84	3909270.60	0.00032	167660.29	3909248.83	0.00027
167671.74	3909227.07	0.00024	167683.19	3909205.31	0.00025
167694.64	3909183.55	0.00024	167706.08	3909161.79	0.00025
167717.53	3909140.03	0.00031	167728.98	3909118.27	0.00060
167740.43	3909096.50	0.00116	167751.88	3909074.74	0.00177
167763.33	3909052.98	0.00220	167774.78	3909031.22	0.00238
167786.22	3909009.46	0.00238	167797.67	3908987.70	0.00227
167809.12	3908965.94	0.00211	167820.57	3908944.17	0.00193
167832.02	3908922.41	0.00175	167843.47	3908900.65	0.00158
167854.92	3908878.89	0.00144	167610.58	3909342.60	0.00038
167554.34	3909367.86	0.00046	167648.07	3909325.76	0.00035
167659.52	3909304.00	0.00033	167670.97	3909282.24	0.00029
167682.42	3909260.47	0.00027	167693.86	3909238.71	0.00027
167705.31	3909216.95	0.00030	167716.76	3909195.19	0.00029
167728.21	3909173.43	0.00030	167739.66	3909151.67	0.00035
167751.11	3909129.91	0.00050	167762.56	3909108.14	0.00081
167774.00	3909086.38	0.00121	167785.45	3909064.62	0.00162
167796.90	3909042.86	0.00192	167808.35	3909021.10	0.00206
167819.80	3908999.34	0.00207	167831.25	3908977.57	0.00200
167842.69	3908955.81	0.00188	167854.14	3908934.05	0.00166
167865.59	3908912.29	0.00147	167877.04	3908890.53	0.00132
167671.23	3909358.51	0.00027	167650.14	3909367.98	0.00032
167629.05	3909377.46	0.00034	167607.96	3909386.93	0.00034
167586.87	3909396.40	0.00034	167565.78	3909405.88	0.00037
167544.69	3909415.35	0.00041	167692.32	3909349.04	0.00022
167703.77	3909327.28	0.00023	167715.22	3909305.52	0.00026
167726.67	3909283.75	0.00030	167738.11	3909261.99	0.00034
167749.56	3909240.23	0.00035	167761.01	3909218.47	0.00033

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167772.46	3909196.71	0.00034	167783.91	3909174.95	0.00037
167795.36	3909153.18	0.00041	167806.81	3909131.42	0.00051
167818.25	3909109.66	0.00067	167829.70	3909087.90	0.00087
167841.15	3909066.14	0.00108	167852.60	3909044.38	0.00127
167864.05	3909022.62	0.00141	167875.50	3909000.85	0.00138
167886.94	3908979.09	0.00111	167898.39	3908957.33	0.00105
167909.84	3908935.57	0.00109	167921.29	3908913.81	0.00120
167716.12	3909381.50	0.00010	167675.22	3909399.88	0.00019
167634.32	3909418.25	0.00029	167593.41	3909436.62	0.00030
167552.51	3909454.99	0.00034	167387.21	3909314.50	0.00098
167373.39	3909296.85	0.00102	167748.02	3909350.56	0.00009
167759.47	3909328.79	0.00012	167770.92	3909307.03	0.00018
167782.36	3909285.27	0.00022	167793.81	3909263.51	0.00027
167805.26	3909241.75	0.00031	167816.71	3909219.99	0.00032
167828.16	3909198.23	0.00034	167839.61	3909176.46	0.00036
167851.06	3909154.70	0.00039	167862.50	3909132.94	0.00045
167873.95	3909111.18	0.00055	167885.40	3909089.42	0.00066
167896.85	3909067.66	0.00076	167908.30	3909045.90	0.00085
167919.75	3909024.13	0.00093	167931.19	3909002.37	0.00099
167942.64	3908980.61	0.00105	167954.09	3908958.85	0.00110
167965.54	3908937.09	0.00114	167759.19	3909405.31	0.00004
167737.56	3909415.03	0.00004	167715.93	3909424.75	0.00006
167694.30	3909434.46	0.00011	167672.67	3909444.18	0.00018
167651.04	3909453.89	0.00024	167629.41	3909463.61	0.00026
167607.78	3909473.33	0.00026	167586.14	3909483.04	0.00027
167564.51	3909492.76	0.00029	167542.88	3909502.47	0.00031
167521.25	3909512.19	0.00034	167411.91	3909409.89	0.00066
167397.29	3909391.22	0.00072	167382.67	3909372.55	0.00079
167368.05	3909353.88	0.00087	167353.43	3909335.21	0.00093
167338.81	3909316.54	0.00097	167324.19	3909297.87	0.00096
167780.82	3909395.60	0.00004	167792.27	3909373.84	0.00004
167803.72	3909352.07	0.00004	167815.17	3909330.31	0.00005
167826.61	3909308.55	0.00008	167838.06	3909286.79	0.00014
167849.51	3909265.03	0.00018	167860.96	3909243.27	0.00017
167872.41	3909221.51	0.00019	167883.86	3909199.74	0.00022
167895.31	3909177.98	0.00025	167906.75	3909156.22	0.00029
167918.20	3909134.46	0.00035	167929.65	3909112.70	0.00042
167941.10	3909090.94	0.00049	167952.55	3909069.17	0.00055
167964.00	3909047.41	0.00061	167975.44	3909025.65	0.00068
167986.89	3909003.89	0.00075	167998.34	3908982.13	0.00082

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168009.79	3908960.37	0.00088	167803.98	3909428.35	0.00003
167782.89	3909437.82	0.00003	167761.80	3909447.30	0.00003
167740.71	3909456.77	0.00004	167719.62	3909466.24	0.00006
167698.53	3909475.72	0.00012	167677.44	3909485.19	0.00017
167656.35	3909494.66	0.00021	167635.26	3909504.14	0.00023
167614.17	3909513.61	0.00024	167593.08	3909523.08	0.00024
167571.99	3909532.55	0.00025	167550.90	3909542.03	0.00027
167529.81	3909551.50	0.00029	167508.72	3909560.97	0.00031
167416.36	3909479.43	0.00053	167402.11	3909461.23	0.00056
167387.86	3909443.03	0.00060	167373.60	3909424.82	0.00065
167359.35	3909406.62	0.00071	167345.09	3909388.42	0.00077
167330.84	3909370.21	0.00084	167316.59	3909352.01	0.00089
167302.33	3909333.81	0.00091	167288.08	3909315.61	0.00090
167273.82	3909297.40	0.00086	167825.07	3909418.88	0.00004
167836.52	3909397.12	0.00004	167847.97	3909375.35	0.00004
167859.42	3909353.59	0.00004	167870.86	3909331.83	0.00005
167882.31	3909310.07	0.00005	167893.76	3909288.31	0.00006
167905.21	3909266.55	0.00006	167916.66	3909244.78	0.00006
167928.11	3909223.02	0.00008	167939.56	3909201.26	0.00011
167951.00	3909179.50	0.00015	167962.45	3909157.74	0.00020
167973.90	3909135.98	0.00025	167985.35	3909114.22	0.00031
167996.80	3909092.45	0.00037	168008.25	3909070.69	0.00042
168019.69	3909048.93	0.00048	168031.14	3909027.17	0.00053
168042.59	3909005.41	0.00058	168054.04	3908983.65	0.00064
167892.15	3909475.06	0.00004	167870.72	3909484.68	0.00003
167849.30	3909494.31	0.00003	167827.87	3909503.93	0.00003
167806.45	3909513.55	0.00003	167785.02	3909523.18	0.00003
167763.60	3909532.80	0.00003	167742.17	3909542.42	0.00004
167720.75	3909552.05	0.00008	167699.32	3909561.67	0.00012
167677.90	3909571.29	0.00014	167656.48	3909580.92	0.00016
167635.05	3909590.54	0.00018	167613.63	3909600.17	0.00019
167592.20	3909609.79	0.00019	167570.78	3909619.41	0.00020
167549.35	3909629.04	0.00021	167527.93	3909638.66	0.00023
167518.00	3909600.16	0.00026	167385.29	3909619.12	0.00034
167391.25	3909575.07	0.00039	167376.77	3909556.58	0.00042
167362.29	3909538.09	0.00045	167347.81	3909519.59	0.00048
167333.33	3909501.10	0.00052	167318.85	3909482.61	0.00055
167304.37	3909464.12	0.00060	167289.89	3909445.63	0.00065
167275.41	3909427.14	0.00070	167260.93	3909408.64	0.00075
167246.45	3909390.15	0.00077	167231.97	3909371.66	0.00078

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167217.49	3909353.17	0.00077	167203.01	3909334.68	0.00075
167188.53	3909316.18	0.00071	167174.05	3909297.69	0.00066
167913.57	3909465.44	0.00004	167925.02	3909443.67	0.00004
167936.47	3909421.91	0.00004	167947.92	3909400.15	0.00004
167959.36	3909378.39	0.00004	167970.81	3909356.63	0.00004
167982.26	3909334.87	0.00004	167993.71	3909313.11	0.00004
168005.16	3909291.34	0.00005	168016.61	3909269.58	0.00006
168028.06	3909247.82	0.00008	168039.50	3909226.06	0.00010
168050.95	3909204.30	0.00012	168062.40	3909182.54	0.00014
168073.85	3909160.77	0.00017	168085.30	3909139.01	0.00020
168096.75	3909117.25	0.00023	168108.19	3909095.49	0.00026
168119.64	3909073.73	0.00030	168131.09	3909051.97	0.00033
168142.54	3909030.21	0.00036	167980.44	3909521.71	0.00004
167958.81	3909531.43	0.00004	167937.18	3909541.14	0.00003
167915.55	3909550.86	0.00003	167893.92	3909560.58	0.00003
167872.29	3909570.29	0.00003	167850.66	3909580.01	0.00003
167829.03	3909589.72	0.00003	167807.39	3909599.44	0.00003
167785.76	3909609.16	0.00004	167764.13	3909618.87	0.00005
167742.50	3909628.59	0.00008	167720.87	3909638.30	0.00010
167699.24	3909648.02	0.00012	167677.61	3909657.74	0.00014
167655.98	3909667.45	0.00015	167634.35	3909677.17	0.00016
167612.72	3909686.88	0.00017	167591.09	3909696.60	0.00017
167569.46	3909706.32	0.00018	167547.83	3909716.03	0.00019
167482.94	3909745.18	0.00021	167461.31	3909754.90	0.00021
167425.06	3909745.94	0.00022	167410.44	3909727.27	0.00024
167395.82	3909708.60	0.00025	167381.20	3909689.93	0.00027
167366.58	3909671.26	0.00029	167351.96	3909652.59	0.00032
167337.34	3909633.92	0.00034	167322.72	3909615.25	0.00036
167308.10	3909596.58	0.00039	167293.48	3909577.92	0.00041
167278.86	3909559.25	0.00044	167264.24	3909540.58	0.00048
167249.62	3909521.91	0.00051	167235.00	3909503.24	0.00055
167220.38	3909484.57	0.00060	167205.76	3909465.90	0.00063
167191.14	3909447.23	0.00066	167176.53	3909428.56	0.00068
167161.91	3909409.89	0.00068	167147.29	3909391.22	0.00067
167132.67	3909372.55	0.00065	167118.05	3909353.88	0.00062
167103.43	3909335.21	0.00059	167088.81	3909316.54	0.00055
167074.19	3909297.87	0.00051	168002.07	3909511.99	0.00003
168013.52	3909490.23	0.00003	168024.97	3909468.47	0.00003
168036.42	3909446.71	0.00003	168047.86	3909424.95	0.00003
168059.31	3909403.19	0.00003	168070.76	3909381.43	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168082.21	3909359.66	0.00004	168093.66	3909337.90	0.00004
168105.11	3909316.14	0.00006	168116.56	3909294.38	0.00007
168128.00	3909272.62	0.00009	168139.45	3909250.86	0.00011
168150.90	3909229.10	0.00012	168162.35	3909207.33	0.00013
168173.80	3909185.57	0.00014	168185.25	3909163.81	0.00015
168196.69	3909142.05	0.00017	168208.14	3909120.29	0.00018
168219.59	3909098.53	0.00020	168231.04	3909076.76	0.00022
168068.80	3909568.33	0.00004	168047.03	3909578.11	0.00004
168025.26	3909587.89	0.00004	168003.49	3909597.67	0.00004
167981.72	3909607.45	0.00003	167959.95	3909617.23	0.00003
167938.18	3909627.00	0.00003	167916.41	3909636.78	0.00003
167894.64	3909646.56	0.00003	167872.87	3909656.34	0.00003
167851.10	3909666.12	0.00004	167829.33	3909675.90	0.00005
167807.56	3909685.68	0.00006	167785.79	3909695.46	0.00008
167764.02	3909705.23	0.00009	167742.25	3909715.01	0.00010
167720.48	3909724.79	0.00012	167698.71	3909734.57	0.00013
167676.94	3909744.35	0.00014	167655.17	3909754.13	0.00015
167633.40	3909763.91	0.00015	167611.63	3909773.69	0.00016
167524.55	3909812.80	0.00017	167502.78	3909822.58	0.00017
167481.01	3909832.36	0.00017	167459.24	3909842.14	0.00017
167437.47	3909851.92	0.00017	167400.98	3909842.90	0.00018
167386.27	3909824.11	0.00019	167371.55	3909805.32	0.00020
167356.84	3909786.53	0.00021	167342.13	3909767.74	0.00023
167327.41	3909748.95	0.00024	167312.70	3909730.16	0.00026
167297.99	3909711.37	0.00028	167283.27	3909692.58	0.00030
167268.56	3909673.79	0.00032	167253.84	3909655.00	0.00034
167239.13	3909636.21	0.00036	167224.42	3909617.42	0.00038
167209.70	3909598.63	0.00041	167194.99	3909579.84	0.00044
167180.28	3909561.05	0.00047	167165.56	3909542.26	0.00050
167150.85	3909523.47	0.00053	167136.13	3909504.68	0.00056
167121.42	3909485.89	0.00058	167106.71	3909467.10	0.00059
167091.99	3909448.31	0.00059	167077.28	3909429.52	0.00058
167062.57	3909410.73	0.00056	167047.85	3909391.94	0.00054
167033.14	3909373.15	0.00052	167018.42	3909354.36	0.00049
167003.71	3909335.57	0.00046	166989.00	3909316.78	0.00043
166974.28	3909297.99	0.00040	168090.57	3909558.55	0.00004
168102.02	3909536.79	0.00004	168113.47	3909515.03	0.00003
168124.92	3909493.27	0.00003	168136.36	3909471.51	0.00003
168147.81	3909449.75	0.00004	168159.26	3909427.98	0.00004
168170.71	3909406.22	0.00005	168182.16	3909384.46	0.00005

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168193.61	3909362.70	0.00006	168205.06	3909340.94	0.00006
168216.50	3909319.18	0.00007	168227.95	3909297.42	0.00009
168239.40	3909275.65	0.00009	168250.85	3909253.89	0.00010
168262.30	3909232.13	0.00010	168273.75	3909210.37	0.00011
168285.19	3909188.61	0.00011	168296.64	3909166.85	0.00012
168308.09	3909145.09	0.00013	168319.54	3909123.32	0.00014
168157.20	3909614.94	0.00005	168135.33	3909624.76	0.00005
168113.46	3909634.58	0.00006	168091.59	3909644.41	0.00006
168069.72	3909654.23	0.00006	168047.84	3909664.06	0.00006
168025.97	3909673.88	0.00006	168004.10	3909683.70	0.00006
167982.23	3909693.53	0.00006	167960.36	3909703.35	0.00006
167938.49	3909713.18	0.00006	167916.62	3909723.00	0.00006
167894.75	3909732.82	0.00006	167872.88	3909742.65	0.00006
167851.01	3909752.47	0.00007	167829.14	3909762.30	0.00007
167807.26	3909772.12	0.00008	167785.39	3909781.94	0.00009
167763.52	3909791.77	0.00010	167741.65	3909801.59	0.00011
167719.78	3909811.42	0.00012	167697.91	3909821.24	0.00013
167676.04	3909831.07	0.00014	167654.17	3909840.89	0.00015
167566.68	3909880.19	0.00015	167544.81	3909890.01	0.00015
167522.94	3909899.83	0.00014	167501.07	3909909.66	0.00014
167479.20	3909919.48	0.00013	167457.33	3909929.31	0.00013
167435.46	3909939.13	0.00014	167413.59	3909948.95	0.00014
167376.93	3909939.90	0.00015	167362.15	3909921.02	0.00016
167347.37	3909902.15	0.00017	167332.59	3909883.27	0.00018
167317.81	3909864.39	0.00019	167303.03	3909845.51	0.00020
167288.24	3909826.64	0.00021	167273.46	3909807.76	0.00023
167258.68	3909788.88	0.00024	167243.90	3909770.01	0.00025
167229.12	3909751.13	0.00027	167214.33	3909732.25	0.00028
167199.55	3909713.37	0.00030	167184.77	3909694.50	0.00031
167169.99	3909675.62	0.00033	167155.21	3909656.74	0.00035
167140.43	3909637.87	0.00038	167125.64	3909618.99	0.00040
167110.86	3909600.11	0.00043	167096.08	3909581.23	0.00045
167081.30	3909562.36	0.00048	167066.52	3909543.48	0.00049
167051.73	3909524.60	0.00051	167036.95	3909505.73	0.00051
167022.17	3909486.85	0.00051	167007.39	3909467.97	0.00051
166992.61	3909449.09	0.00049	166977.82	3909430.22	0.00048
166963.04	3909411.34	0.00046	166948.26	3909392.46	0.00044
166933.48	3909373.59	0.00041	166918.70	3909354.71	0.00039
166903.92	3909335.83	0.00037	166889.13	3909316.95	0.00034
166874.35	3909298.08	0.00032	168179.07	3909605.11	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168190.52	3909583.35	0.00004	168201.97	3909561.59	0.00004
168213.42	3909539.83	0.00004	168224.86	3909518.07	0.00004
168236.31	3909496.31	0.00004	168247.76	3909474.54	0.00004
168259.21	3909452.78	0.00005	168270.66	3909431.02	0.00005
168282.11	3909409.26	0.00005	168293.56	3909387.50	0.00005
168305.00	3909365.74	0.00005	168316.45	3909343.97	0.00006
168327.90	3909322.21	0.00006	168339.35	3909300.45	0.00007
168350.80	3909278.69	0.00007	168362.25	3909256.93	0.00007
168373.69	3909235.17	0.00008	168385.14	3909213.41	0.00009
168396.59	3909191.64	0.00009	168408.04	3909169.88	0.00010
167787.00	3908808.03	0.00101	167754.38	3908835.86	0.00101
167733.48	3908848.95	0.00096	167712.58	3908862.03	0.00087
167691.68	3908875.12	0.00077	167670.78	3908888.20	0.00064
167762.01	3908801.59	0.00083	167741.11	3908814.67	0.00079
167720.21	3908827.76	0.00074	167699.31	3908840.84	0.00066
167678.41	3908853.93	0.00058	167657.52	3908867.01	0.00049
167794.14	3908784.69	0.00089	167816.84	3908786.84	0.00101
167748.74	3908780.40	0.00067	167727.84	3908793.49	0.00063
167706.94	3908806.57	0.00058	167686.05	3908819.65	0.00052
167665.15	3908832.74	0.00045	167644.25	3908845.82	0.00038
167783.90	3908763.79	0.00075	167808.12	3908766.08	0.00086
167868.84	3908842.58	0.00122	167735.47	3908759.21	0.00056
167714.58	3908772.30	0.00052	167693.68	3908785.38	0.00047
167672.78	3908798.46	0.00041	167651.88	3908811.55	0.00036
167630.98	3908824.63	0.00031	167731.64	3908718.98	0.00047
167754.34	3908721.12	0.00054	167777.04	3908723.27	0.00062
167799.75	3908725.42	0.00069	167822.45	3908727.56	0.00078
167845.15	3908729.71	0.00082	167902.08	3908801.43	0.00107
167905.92	3908823.90	0.00116	167909.76	3908846.38	0.00124
167913.61	3908868.86	0.00127	167917.45	3908891.33	0.00124
167708.94	3908716.83	0.00040	167688.04	3908729.92	0.00036
167667.14	3908743.00	0.00032	167646.25	3908756.08	0.00029
167625.35	3908769.17	0.00025	167604.45	3908782.25	0.00023
167706.62	3908676.74	0.00034	167730.84	3908679.03	0.00040
167755.05	3908681.32	0.00047	167779.27	3908683.61	0.00053
167803.48	3908685.90	0.00061	167827.70	3908688.19	0.00067
167851.91	3908690.47	0.00070	167876.12	3908692.76	0.00072
167900.34	3908695.05	0.00074	167936.85	3908769.26	0.00099
167940.95	3908793.24	0.00107	167945.05	3908817.21	0.00114
167949.15	3908841.19	0.00120	167953.24	3908865.16	0.00124

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167957.34	3908889.14	0.00123	167961.44	3908913.11	0.00120
167682.41	3908674.45	0.00029	167661.51	3908687.54	0.00026
167640.61	3908700.62	0.00024	167619.71	3908713.71	0.00021
167598.82	3908726.79	0.00019	167577.92	3908739.87	0.00018
167679.16	3908634.27	0.00025	167702.44	3908636.48	0.00030
167725.72	3908638.68	0.00034	167749.01	3908640.88	0.00039
167772.29	3908643.08	0.00045	167795.57	3908645.28	0.00050
167818.86	3908647.48	0.00056	167842.14	3908649.68	0.00058
167865.42	3908651.88	0.00060	167888.71	3908654.08	0.00061
167911.99	3908656.28	0.00063	167935.27	3908658.48	0.00065
167974.32	3908752.89	0.00097	167978.26	3908775.95	0.00103
167982.20	3908799.00	0.00108	167986.14	3908822.05	0.00112
167990.09	3908845.10	0.00114	167994.03	3908868.16	0.00114
167997.97	3908891.21	0.00111	168001.91	3908914.26	0.00106
168005.85	3908937.31	0.00098	167655.87	3908632.07	0.00022
167634.98	3908645.16	0.00020	167614.08	3908658.24	0.00019
167593.18	3908671.33	0.00017	167572.28	3908684.41	0.00016
167551.38	3908697.49	0.00014	167653.56	3908591.98	0.00020
167677.77	3908594.27	0.00023	167701.99	3908596.56	0.00026
167726.20	3908598.85	0.00030	167750.41	3908601.14	0.00034
167774.63	3908603.43	0.00039	167798.84	3908605.72	0.00044
167823.06	3908608.00	0.00048	167847.27	3908610.29	0.00051
167871.49	3908612.58	0.00052	167895.70	3908614.87	0.00053
167919.92	3908617.16	0.00054	167944.13	3908619.45	0.00056
167968.35	3908621.74	0.00060	167996.66	3908648.00	0.00072
168000.76	3908671.98	0.00078	168004.86	3908695.95	0.00084
168008.96	3908719.92	0.00090	168013.05	3908743.90	0.00096
168017.15	3908767.87	0.00100	168021.25	3908791.85	0.00103
168025.35	3908815.82	0.00105	168029.45	3908839.80	0.00105
168033.55	3908863.77	0.00103	168037.65	3908887.75	0.00099
168041.74	3908911.72	0.00093	168045.84	3908935.70	0.00084
168049.94	3908959.67	0.00074	167629.34	3908589.69	0.00017
167608.44	3908602.78	0.00016	167587.55	3908615.86	0.00015
167566.65	3908628.95	0.00014	167545.75	3908642.03	0.00013
167524.85	3908655.11	0.00012	167600.49	3908507.23	0.00014
167624.70	3908509.51	0.00015	167648.92	3908511.80	0.00016
167673.13	3908514.09	0.00018	167697.35	3908516.38	0.00020
167721.56	3908518.67	0.00023	167745.78	3908520.96	0.00026
167769.99	3908523.25	0.00029	167794.21	3908525.54	0.00033
167818.42	3908527.82	0.00036	167842.64	3908530.11	0.00039

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167866.85	3908532.40	0.00042	167891.07	3908534.69	0.00044
167915.28	3908536.98	0.00047	167939.49	3908539.27	0.00049
167963.71	3908541.56	0.00051	167987.92	3908543.84	0.00051
168012.14	3908546.13	0.00052	168036.35	3908548.42	0.00052
168064.67	3908574.69	0.00058	168068.77	3908598.66	0.00063
168072.86	3908622.64	0.00068	168076.96	3908646.61	0.00073
168081.06	3908670.58	0.00077	168085.16	3908694.56	0.00082
168089.26	3908718.53	0.00087	168093.36	3908742.51	0.00090
168097.46	3908766.48	0.00090	168101.55	3908790.46	0.00090
168105.65	3908814.43	0.00089	168109.75	3908838.41	0.00086
168113.85	3908862.38	0.00082	168117.95	3908886.36	0.00077
168122.05	3908910.33	0.00070	168126.15	3908934.31	0.00062
168130.24	3908958.28	0.00055	168134.34	3908982.26	0.00048
168138.44	3909006.23	0.00042	167576.28	3908504.94	0.00013
167555.38	3908518.02	0.00012	167534.48	3908531.10	0.00011
167513.58	3908544.19	0.00010	167492.68	3908557.27	0.00009
167471.79	3908570.36	0.00009	167547.42	3908422.47	0.00011
167571.64	3908424.76	0.00012	167595.85	3908427.04	0.00013
167620.07	3908429.33	0.00014	167644.28	3908431.62	0.00015
167668.50	3908433.91	0.00016	167692.71	3908436.20	0.00017
167716.93	3908438.49	0.00018	167741.14	3908440.78	0.00020
167765.36	3908443.07	0.00022	167789.57	3908445.35	0.00025
167813.78	3908447.64	0.00027	167838.00	3908449.93	0.00030
167862.21	3908452.22	0.00032	167886.43	3908454.51	0.00034
167910.64	3908456.80	0.00036	167934.86	3908459.09	0.00037
167959.07	3908461.38	0.00039	167983.29	3908463.66	0.00040
168007.50	3908465.95	0.00041	168031.72	3908468.24	0.00042
168055.93	3908470.53	0.00043	168080.15	3908472.82	0.00043
168104.36	3908475.11	0.00044	168132.67	3908501.37	0.00048
168136.77	3908525.35	0.00051	168140.87	3908549.32	0.00055
168144.97	3908573.30	0.00058	168149.07	3908597.27	0.00062
168153.17	3908621.24	0.00065	168157.27	3908645.22	0.00069
168161.36	3908669.19	0.00073	168165.46	3908693.17	0.00076
168169.56	3908717.14	0.00077	168173.66	3908741.12	0.00077
168177.76	3908765.09	0.00076	168181.86	3908789.07	0.00074
168185.96	3908813.04	0.00071	168190.05	3908837.02	0.00067
168194.15	3908860.99	0.00063	168198.25	3908884.97	0.00057
168202.35	3908908.94	0.00051	168206.45	3908932.92	0.00046
168210.55	3908956.89	0.00041	168214.65	3908980.87	0.00037
168218.74	3909004.84	0.00033	168222.84	3909028.82	0.00030

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168226.94	3909052.79	0.00026	167523.21	3908420.18	0.00010
167502.31	3908433.26	0.00010	167481.41	3908446.35	0.00009
167460.51	3908459.43	0.00009	167439.62	3908472.51	0.00008
167418.72	3908485.60	0.00007	167494.36	3908337.71	0.00006
167518.57	3908340.00	0.00007	167542.79	3908342.29	0.00008
167567.00	3908344.57	0.00009	167591.22	3908346.86	0.00010
167615.43	3908349.15	0.00011	167639.65	3908351.44	0.00012
167663.86	3908353.73	0.00013	167688.07	3908356.02	0.00014
167712.29	3908358.31	0.00016	167736.50	3908360.60	0.00017
167760.72	3908362.88	0.00019	167784.93	3908365.17	0.00020
167809.15	3908367.46	0.00022	167833.36	3908369.75	0.00023
167857.58	3908372.04	0.00025	167881.79	3908374.33	0.00026
167906.01	3908376.62	0.00028	167930.22	3908378.91	0.00029
167954.44	3908381.19	0.00030	167978.65	3908383.48	0.00032
168002.86	3908385.77	0.00033	168027.08	3908388.06	0.00034
168051.29	3908390.35	0.00034	168075.51	3908392.64	0.00035
168099.72	3908394.93	0.00036	168123.94	3908397.22	0.00036
168148.15	3908399.50	0.00037	168172.37	3908401.79	0.00038
168200.68	3908428.06	0.00041	168204.78	3908452.03	0.00043
168208.88	3908476.01	0.00046	168212.98	3908499.98	0.00049
168217.07	3908523.96	0.00052	168221.17	3908547.93	0.00055
168225.27	3908571.90	0.00058	168229.37	3908595.88	0.00060
168233.47	3908619.85	0.00063	168237.57	3908643.83	0.00065
168241.67	3908667.80	0.00066	168245.77	3908691.78	0.00066
168249.86	3908715.75	0.00064	168253.96	3908739.73	0.00063
168258.06	3908763.70	0.00060	168262.16	3908787.68	0.00058
168266.26	3908811.65	0.00054	168270.36	3908835.63	0.00051
168274.46	3908859.60	0.00047	168278.55	3908883.58	0.00043
168282.65	3908907.55	0.00039	168286.75	3908931.53	0.00035
168290.85	3908955.50	0.00032	168294.95	3908979.48	0.00028
168299.05	3909003.45	0.00025	168303.15	3909027.42	0.00023
168307.24	3909051.40	0.00020	168311.34	3909075.37	0.00018
168315.44	3909099.35	0.00016	167470.14	3908335.42	0.00006
167449.24	3908348.50	0.00006	167428.35	3908361.59	0.00006
167407.45	3908374.67	0.00005	167386.55	3908387.76	0.00005
167365.65	3908400.84	0.00005	167441.29	3908252.95	0.00004
167465.51	3908255.24	0.00005	167489.72	3908257.53	0.00006
167513.93	3908259.82	0.00006	167538.15	3908262.11	0.00007
167562.36	3908264.39	0.00008	167586.58	3908266.68	0.00008
167610.79	3908268.97	0.00009	167635.01	3908271.26	0.00010

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167659.22	3908273.55	0.00010	167683.44	3908275.84	0.00011
167707.65	3908278.13	0.00012	167731.87	3908280.41	0.00014
167756.08	3908282.70	0.00015	167780.30	3908284.99	0.00016
167804.51	3908287.28	0.00018	167828.73	3908289.57	0.00019
167852.94	3908291.86	0.00020	167877.15	3908294.15	0.00021
167901.37	3908296.44	0.00022	167925.58	3908298.72	0.00024
167949.80	3908301.01	0.00025	167974.01	3908303.30	0.00026
167998.23	3908305.59	0.00027	168022.44	3908307.88	0.00027
168046.66	3908310.17	0.00028	168070.87	3908312.46	0.00029
168095.09	3908314.75	0.00029	168119.30	3908317.03	0.00030
168143.52	3908319.32	0.00030	168167.73	3908321.61	0.00031
168191.94	3908323.90	0.00031	168216.16	3908326.19	0.00032
168240.37	3908328.48	0.00033	168268.69	3908334.74	0.00036
168272.79	3908337.72	0.00038	168276.88	3908402.69	0.00040
168280.98	3908426.67	0.00042	168285.08	3908450.64	0.00044
168289.18	3908474.62	0.00046	168293.28	3908498.59	0.00048
168297.38	3908522.56	0.00050	168301.48	3908546.54	0.00053
168305.57	3908570.51	0.00054	168309.67	3908594.49	0.00056
168313.77	3908618.46	0.00057	168317.87	3908642.44	0.00057
168321.97	3908666.41	0.00057	168326.07	3908690.39	0.00055
168330.17	3908714.36	0.00053	168334.27	3908738.34	0.00051
168338.36	3908762.31	0.00048	168342.46	3908786.29	0.00045
168346.56	3908810.26	0.00042	168350.66	3908834.24	0.00039
168354.76	3908858.21	0.00036	168358.86	3908882.19	0.00033
168362.96	3908906.16	0.00030	168367.05	3908930.14	0.00027
168371.15	3908954.11	0.00024	168375.25	3908978.08	0.00022
168379.35	3909002.06	0.00020	168383.45	3909026.03	0.00018
168387.55	3909050.01	0.00016	168391.65	3909073.98	0.00014
168395.74	3909097.96	0.00012	168399.84	3909121.93	0.00011
168403.94	3909145.91	0.00010	167417.08	3908250.66	0.00004
167396.18	3908263.75	0.00004	167375.28	3908276.83	0.00004
167354.38	3908289.91	0.00003	167333.48	3908303.00	0.00003
167312.59	3908316.08	0.00003	167640.13	3908885.50	0.00043
167628.89	3908906.15	0.00040	167617.66	3908926.80	0.00035
167618.17	3908873.55	0.00032	167606.93	3908894.20	0.00029
167595.70	3908914.85	0.00026	167584.47	3908935.50	0.00022
167573.23	3908956.15	0.00018	167607.80	3908849.28	0.00027
167584.97	3908882.26	0.00023	167573.74	3908902.91	0.00020
167562.51	3908923.56	0.00017	167551.27	3908944.21	0.00014
167540.04	3908964.86	0.00012	167528.80	3908985.51	0.00011

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167517.57	3909006.16	0.00011	167506.34	3909026.81	0.00011
167495.10	3909047.46	0.00012	167565.33	3908823.85	0.00018
167541.05	3908858.36	0.00015	167529.82	3908879.01	0.00014
167518.58	3908899.66	0.00012	167507.35	3908920.32	0.00011
167496.12	3908940.97	0.00011	167484.88	3908961.62	0.00011
167473.65	3908982.27	0.00011	167462.41	3909002.92	0.00012
167451.18	3909023.57	0.00013	167439.95	3909044.22	0.00015
167522.27	3908799.03	0.00013	167550.10	3908769.45	0.00015
167497.13	3908834.47	0.00011	167485.89	3908855.12	0.00010
167474.66	3908875.77	0.00010	167463.43	3908896.42	0.00010
167452.19	3908917.07	0.00010	167440.96	3908937.73	0.00011
167429.73	3908958.38	0.00011	167418.49	3908979.03	0.00012
167407.26	3908999.68	0.00013	167396.03	3909020.33	0.00015
167384.79	3909040.98	0.00017	167478.93	3908774.52	0.00010
167507.91	3908743.71	0.00011	167453.21	3908810.58	0.00009
167441.97	3908831.23	0.00009	167430.74	3908851.88	0.00009
167419.51	3908872.53	0.00009	167408.27	3908893.18	0.00009
167397.04	3908913.83	0.00010	167385.80	3908934.48	0.00010
167374.57	3908955.13	0.00011	167363.34	3908975.79	0.00012
167352.10	3908996.44	0.00013	167340.87	3909017.09	0.00015
167435.42	3908750.19	0.00008	167465.23	3908718.50	0.00009
167495.04	3908686.81	0.00010	167409.28	3908786.69	0.00007
167398.05	3908807.34	0.00007	167386.82	3908827.99	0.00008
167375.58	3908848.64	0.00008	167364.35	3908869.29	0.00009
167353.12	3908889.94	0.00009	167341.88	3908910.59	0.00009
167330.65	3908931.24	0.00010	167319.42	3908951.89	0.00011
167308.18	3908972.54	0.00012	167296.95	3908993.19	0.00013
167348.13	3908701.82	0.00006	167379.04	3908668.95	0.00006
167394.50	3908652.52	0.00007	167409.96	3908636.09	0.00007
167440.87	3908603.22	0.00008	167456.33	3908586.79	0.00008
167332.67	3908718.25	0.00006	167321.44	3908738.90	0.00006
167310.21	3908759.55	0.00006	167298.97	3908780.20	0.00007
167287.74	3908800.85	0.00007	167276.51	3908821.50	0.00007
167265.27	3908842.15	0.00007	167254.04	3908862.81	0.00008
167242.80	3908883.46	0.00008	167231.57	3908904.11	0.00008
167220.34	3908924.76	0.00009	167209.10	3908945.41	0.00010
167260.64	3908653.66	0.00005	167276.45	3908636.85	0.00005
167292.25	3908620.05	0.00005	167308.06	3908603.24	0.00005
167323.87	3908586.43	0.00005	167339.68	3908569.63	0.00006
167355.49	3908552.82	0.00006	167371.29	3908536.02	0.00006

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167387.10	3908519.21	0.00007	167402.91	3908502.40	0.00007
167244.83	3908670.46	0.00005	167233.60	3908691.11	0.00005
167222.36	3908711.77	0.00005	167211.13	3908732.42	0.00006
167199.90	3908753.07	0.00006	167188.66	3908773.72	0.00006
167177.43	3908794.37	0.00006	167166.19	3908815.02	0.00006
167154.96	3908835.67	0.00006	167143.73	3908856.32	0.00007
167132.49	3908876.97	0.00007	167121.26	3908897.62	0.00008
167173.04	3908605.61	0.00005	167189.09	3908588.55	0.00005
167205.14	3908571.49	0.00005	167221.19	3908554.42	0.00005
167237.24	3908537.36	0.00005	167253.29	3908520.29	0.00005
167269.34	3908503.23	0.00005	167285.40	3908486.16	0.00005
167301.45	3908469.10	0.00005	167317.50	3908452.03	0.00005
167333.55	3908434.97	0.00005	167349.60	3908417.90	0.00005
167156.99	3908622.68	0.00005	167145.75	3908643.33	0.00005
167134.52	3908663.98	0.00005	167123.28	3908684.63	0.00005
167112.05	3908705.28	0.00005	167100.82	3908725.93	0.00005
167089.58	3908746.58	0.00005	167078.35	3908767.24	0.00005
167067.12	3908787.89	0.00005	167055.88	3908808.54	0.00006
167044.65	3908829.19	0.00006	167033.42	3908849.84	0.00006
167084.36	3908558.72	0.00005	167114.79	3908526.37	0.00004
167145.22	3908494.01	0.00003	167175.65	3908461.66	0.00003
167206.08	3908429.31	0.00003	167236.51	3908396.96	0.00003
167266.94	3908364.61	0.00003	167057.91	3908595.54	0.00004
167046.67	3908616.20	0.00004	167035.44	3908636.85	0.00004
167024.21	3908657.50	0.00004	167012.97	3908678.15	0.00004
167001.74	3908698.80	0.00004	166990.51	3908719.45	0.00004
166979.27	3908740.10	0.00005	166968.04	3908760.75	0.00005
166956.81	3908781.40	0.00005	166945.57	3908802.05	0.00005
167371.89	3909070.62	0.00023	167324.49	3909054.72	0.00020
167277.08	3909038.83	0.00018	167287.02	3909016.01	0.00015
167182.26	3909007.07	0.00014	167192.33	3908983.95	0.00012
167087.44	3908975.32	0.00011	167096.46	3908954.60	0.00010
167106.60	3908931.29	0.00009	166992.61	3908943.58	0.00009
167001.68	3908922.75	0.00008	167010.75	3908901.92	0.00008
167019.81	3908881.09	0.00007	166897.78	3908911.84	0.00007
166906.89	3908890.93	0.00007	166915.99	3908870.02	0.00006
166925.09	3908849.11	0.00006	166934.19	3908828.19	0.00006
167363.01	3909118.12	0.00039	167359.57	3909162.59	0.00062
167359.57	3909185.91	0.00074	167359.57	3909209.24	0.00085
167359.57	3909232.56	0.00094	167359.57	3909255.88	0.00100

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167312.80	3909119.44	0.00038	167319.26	3909079.78	0.00025
167309.57	3909162.59	0.00056	167309.57	3909185.91	0.00065
167309.57	3909209.24	0.00074	167309.57	3909232.56	0.00082
167309.57	3909255.88	0.00088	167309.57	3909279.20	0.00092
167262.67	3909120.23	0.00035	167268.87	3909082.16	0.00025
167259.57	3909162.59	0.00049	167259.57	3909185.91	0.00057
167259.57	3909209.24	0.00064	167259.57	3909232.56	0.00071
167259.57	3909255.88	0.00077	167259.57	3909279.20	0.00081
167163.01	3909118.12	0.00029	167169.90	3909075.82	0.00021
167176.79	3909033.51	0.00016	167159.57	3909162.59	0.00039
167159.57	3909185.91	0.00044	167159.57	3909209.24	0.00049
167159.57	3909232.56	0.00053	167159.57	3909255.88	0.00057
167159.57	3909279.20	0.00061	167063.26	3909116.61	0.00024
167066.95	3909093.95	0.00021	167070.64	3909071.28	0.00018
167074.33	3909048.62	0.00016	167078.02	3909025.96	0.00014
167081.71	3909003.30	0.00012	167059.57	3909139.27	0.00027
167059.57	3909162.59	0.00031	167059.57	3909185.91	0.00034
167059.57	3909209.24	0.00038	167059.57	3909232.56	0.00041
167059.57	3909255.88	0.00044	167059.57	3909279.20	0.00047
166963.01	3909118.12	0.00020	166969.90	3909075.82	0.00016
166976.79	3909033.51	0.00013	166983.68	3908991.21	0.00011
166959.57	3909162.59	0.00025	166959.57	3909185.91	0.00028
166959.57	3909209.24	0.00030	166959.57	3909232.56	0.00033
166959.57	3909255.88	0.00035	166959.57	3909279.20	0.00037
166863.19	3909117.06	0.00017	166866.80	3909094.85	0.00015
166874.04	3909050.43	0.00013	166877.65	3909028.22	0.00011
166881.27	3909006.02	0.00010	166884.89	3908983.81	0.00009
166888.50	3908961.60	0.00009	166859.57	3909139.27	0.00018
166859.57	3909162.59	0.00020	166859.57	3909185.91	0.00023
166859.57	3909209.24	0.00025	166859.57	3909232.56	0.00026
166859.57	3909255.88	0.00028	166859.57	3909279.20	0.00030
167540.50	3909215.75	0.00058	167541.64	3909179.96	0.00044
167537.74	3909149.96	0.00028	167536.33	3909120.68	0.00015
167536.33	3909106.64	0.00012	167534.58	3909076.82	0.00011
167559.14	3909104.89	0.00011	167557.39	3909075.06	0.00010
167589.84	3909052.25	0.00014	167615.28	3909003.13	0.00035
167542.47	3909053.13	0.00010	167566.16	3909006.64	0.00012
167539.75	3909198.46	0.00053	167537.08	3909134.72	0.00020
167535.55	3909092.74	0.00011	167558.45	3909089.69	0.00011
167553.49	3909032.06	0.00010	167601.96	3909028.24	0.00022

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 14134 ***

*** LOSSAN CCLF HRA
 *** 2<16 Age Bin Concentrations

*** 10/28/21
 *** 03:30:35
 *** PAGE 40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00267 AT (167741.20, 3909041.34, 79.72, 368.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00265 AT (167752.65, 3909019.58, 80.42, 368.83, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00248 AT (167764.10, 3908997.82, 81.20, 368.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00245 AT (167729.75, 3909063.10, 79.43, 368.83, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00238 AT (167786.22, 3909009.46, 82.93, 368.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00238 AT (167774.78, 3909031.22, 82.17, 368.83, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00227 AT (167775.55, 3908976.06, 81.63, 368.83, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00227 AT (167797.67, 3908987.70, 83.55, 368.83, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00220 AT (167763.33, 3909052.98, 81.44, 368.83, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00211 AT (167809.12, 3908965.94, 84.07, 368.83, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 2<16 Age Bin Concentrations

*** 10/28/21
*** 03:30:35
*** PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 15649 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 12843 Calm Hours Identified

A Total of 2806 Missing Hours Identified (6.40 Percent)

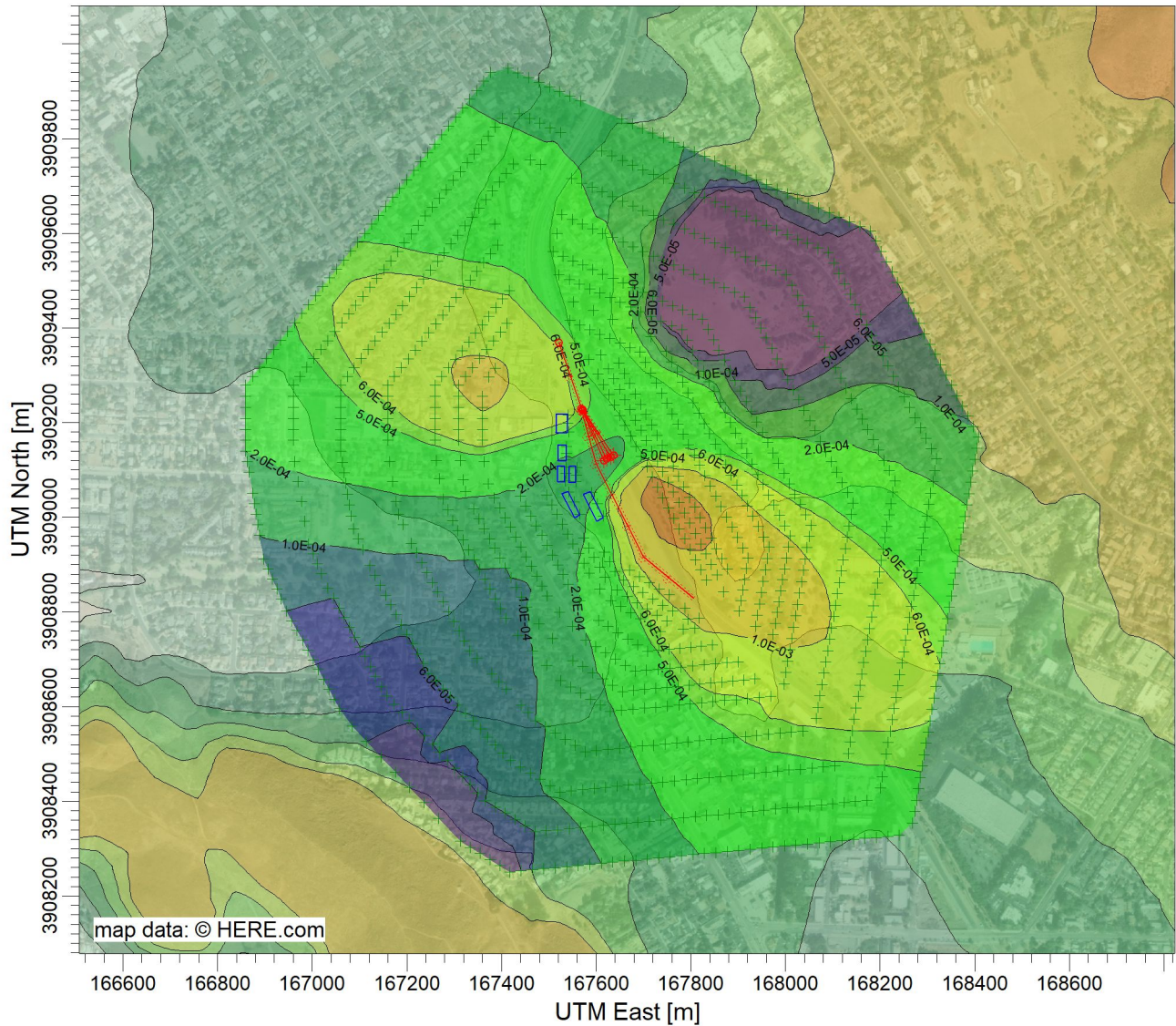
***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours= 48

*** AERMOD Finishes Successfully ***

PROJECT TITLE:

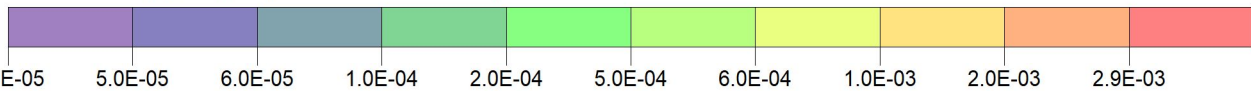
**LOSSAN CCLF DPM HRA
16<30 Age Bin Concentrations**




PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m³

Max: 2.9E-03 [ug/m³] at (167741.20, 3909041.34)



COMMENTS:	SOURCES: 10	COMPANY NAME: ERPinc (www.erpinc.com)	
	RECEPTORS: 1120	MODELER: Keith Cooper	
	OUTPUT TYPE: Concentration	SCALE: 1:14,564 0  0.5 km	
	MAX: 2.9E-03 ug/m³	DATE: 10/28/2021	PROJECT NO.:

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 10/28/2021
** File: C:\Lakes\AERMOD View\LOSSAN CCLF 16-30\LOSSAN CCLF 16-30.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE LOSSAN CCLF HRA
  TITLETWO 16<30 Age Bin Concentrations
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 47302 San_Luis_Obispo_2019_population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "LOSSAN CCLF 16-30.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION STCK1      POINT      167616.014  3909119.568      76.470
** DESCRSRC Idle 1
LOCATION STCK2      POINT      167622.766  3909123.402      76.780
** DESCRSRC Idle 2
LOCATION STCK3      POINT      167630.600  3909127.264      77.140
** DESCRSRC Idle 3
LOCATION STCK4      POINT      167636.976  3909130.898      77.430
** DESCRSRC Idle 4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN1
** DESCRSRC Spur
** PREFIX
** Length of Side = 9.12
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.0472E-09
** Nodes = 2
** 167521.004, 3909368.620, 77.89, 23.20
** 167570.436, 3909226.139, 75.33, 23.20
** -----

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LOCATION A0000016    AREA    167516.694 3909367.125 77.35
LOCATION A0000017    AREA    167541.410 3909295.884 76.55
** End of LINE AREA Source ID = ARLN1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN2
** DESCRSRC Wash
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.6039E-09
** Nodes = 4
** 167568.341, 3909229.227, 75.08, 23.20
** 167599.947, 3909112.532, 76.43, 23.20
** 167700.434, 3908916.418, 75.30, 23.20
** 167805.785, 3908828.897, 80.56, 23.20
** -----
LOCATION A0000009    AREA    167563.515 3909227.920 75.21
LOCATION A0000010    AREA    167579.318 3909169.573 75.00
LOCATION A0000011    AREA    167595.497 3909110.252 75.51
LOCATION A0000012    AREA    167628.993 3909044.881 74.54
LOCATION A0000013    AREA    167662.489 3908979.509 73.87
LOCATION A0000014    AREA    167697.239 3908912.572 75.04
LOCATION A0000015    AREA    167749.915 3908868.811 77.15
** End of LINE AREA Source ID = ARLN2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN3
** DESCRSRC Track 1
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.5948E-09
** Nodes = 2
** 167570.373, 3909226.334, 75.33, 23.20
** 167615.611, 3909120.467, 76.52, 23.20
** -----
LOCATION A0000022    AREA    167565.776 3909224.370 75.23
LOCATION A0000023    AREA    167588.394 3909171.436 75.54
** End of LINE AREA Source ID = ARLN3
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN4
** DESCRSRC Track 2
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.5964E-09
** Nodes = 2
** 167570.561, 3909226.898, 75.37, 23.20
** 167622.369, 3909124.221, 76.76, 23.20
** -----
LOCATION A0000020    AREA    167566.097 3909224.645 75.26
LOCATION A0000021    AREA    167592.001 3909173.307 75.77

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** End of LINE AREA Source ID = ARLN4
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN5
** DESCRSRC Track 3
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.6061E-09
** Nodes = 2
** 167571.124, 3909226.522, 75.38, 23.20
** 167629.689, 3909128.351, 77.31, 23.20
** -----
LOCATION A0000024   AREA   167566.830 3909223.960 75.29
LOCATION A0000025   AREA   167596.113 3909174.875 76.02
** End of LINE AREA Source ID = ARLN5
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN6
** DESCRSRC Track 4
** PREFIX
** Length of Side = 10.00
** Ratio = 10
** Vertical Dimension = 10.77
** Emission Rate = 1.5936E-09
** Nodes = 2
** 167571.875, 3909227.085, 75.44, 23.20
** 167636.259, 3909131.542, 77.36, 23.20
** -----
LOCATION A0000026   AREA   167567.729 3909224.291 75.35
LOCATION A0000027   AREA   167599.921 3909176.519 76.26
** End of LINE AREA Source ID = ARLN6
** Source Parameters **
SRCPARAM STCK1      0.000072222      4.600   351.000   3.73000      0.666
SRCPARAM STCK2      0.000072222      4.600   351.000   3.73000      0.666
SRCPARAM STCK3      0.000072222      4.600   351.000   3.73000      0.666
SRCPARAM STCK4      0.000072222      4.600   351.000   3.73000      0.666
** LINE AREA Source ID = ARLN1
SRCPARAM A0000016   1.0472E-09   23.200   75.406      9.124   70.866   10.770
SRCPARAM A0000017   1.0472E-09   23.200   75.406      9.124   70.866   10.770
** -----
** LINE AREA Source ID = ARLN2
SRCPARAM A0000009   1.6039E-09   23.200   60.450   10.000   74.846   10.770
SRCPARAM A0000010   1.6039E-09   23.200   60.450   10.000   74.846   10.770
SRCPARAM A0000011   1.6039E-09   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000012   1.6039E-09   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000013   1.6039E-09   23.200   73.453   10.000   62.870   10.770
SRCPARAM A0000014   1.6039E-09   23.200   68.481   10.000   39.719   10.770
SRCPARAM A0000015   1.6039E-09   23.200   68.481   10.000   39.719   10.770
** -----
** LINE AREA Source ID = ARLN3
SRCPARAM A0000022   1.5948E-09   23.200   57.564   10.000   66.863   10.770
SRCPARAM A0000023   1.5948E-09   23.200   57.564   10.000   66.863   10.770
** -----
** LINE AREA Source ID = ARLN4
SRCPARAM A0000020   1.5964E-09   23.200   57.503   10.000   63.226   10.770

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SRCPARAM A0000021	1.5964E-09	23.200	57.503	10.000	63.226	10.770
** -----						
** LINE AREA Source ID = ARLN5						
SRCPARAM A0000024	1.6061E-09	23.200	57.156	10.000	59.181	10.770
SRCPARAM A0000025	1.6061E-09	23.200	57.156	10.000	59.181	10.770
** -----						
** LINE AREA Source ID = ARLN6						
SRCPARAM A0000026	1.5936E-09	23.200	57.606	10.000	56.025	10.770
SRCPARAM A0000027	1.5936E-09	23.200	57.606	10.000	56.025	10.770
** -----						
** Building Downwash **						
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK2	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK3	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK4	0.00	0.00	0.00	0.00	0.00	0.00

YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	STCK4	0.00	0.00	0.00	0.00	0.00	0.00

URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"

** Variable Emission Scenario: "Scenario 1"

EMISFACT	STCK1	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK1	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK2	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK3	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	STCK4	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000016	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000017	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000009	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000010	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000011	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000012	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	A0000013	HROFDY	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	A0000014	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0

```

EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027 HROFDY 0.0 0.0 0.0 1.0 1.0 1.0

```

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

RE STARTING
INCLUDED "LOSSAN CCLF 16-30.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**

ME STARTING

```
SURFFILE 722897\722897.SFC
PROFFILE 722897\722897.PFL
SURFDATA 93206 2009 SLO_Regional_Airport
UAIRDATA 93214 2009
PROFBASE 61.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "LOSSAN CCLF 16-30.AD\AN00GALL.PLT" 31
   SUMMFILE "LOSSAN CCLF 16-30.sum"
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****
```

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 16<30 Age Bin Concentrations
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 21 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 47302.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 21 Source(s); 1 Source Group(s); and 1120 Receptor(s)

with: 4 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 17 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 61.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: LOSSAN CCLF 16-30.err
**File for Summary of Results: LOSSAN CCLF 16-30.sum

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.72222E-04	167616.0	3909119.6	76.5	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK2	0	0.72222E-04	167622.8	3909123.4	76.8	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK3	0	0.72222E-04	167630.6	3909127.3	77.1	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY
STCK4	0	0.72222E-04	167637.0	3909130.9	77.4	4.60	351.00	3.73	0.67	NO	YES	NO	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
A0000016	0	0.10472E-08	167516.7	3909367.1	77.3	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000017	0	0.10472E-08	167541.4	3909295.9	76.5	23.20	75.41	9.12	70.87	10.77	YES	HROFDY
A0000009	0	0.16039E-08	167563.5	3909227.9	75.2	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000010	0	0.16039E-08	167579.3	3909169.6	75.0	23.20	60.45	10.00	74.85	10.77	YES	HROFDY
A0000011	0	0.16039E-08	167595.5	3909110.3	75.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000012	0	0.16039E-08	167629.0	3909044.9	74.5	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000013	0	0.16039E-08	167662.5	3908979.5	73.9	23.20	73.45	10.00	62.87	10.77	YES	HROFDY
A0000014	0	0.16039E-08	167697.2	3908912.6	75.0	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000015	0	0.16039E-08	167749.9	3908868.8	77.1	23.20	68.48	10.00	39.72	10.77	YES	HROFDY
A0000022	0	0.15948E-08	167565.8	3909224.4	75.2	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000023	0	0.15948E-08	167588.4	3909171.4	75.5	23.20	57.56	10.00	66.86	10.77	YES	HROFDY
A0000020	0	0.15964E-08	167566.1	3909224.6	75.3	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000021	0	0.15964E-08	167592.0	3909173.3	75.8	23.20	57.50	10.00	63.23	10.77	YES	HROFDY
A0000024	0	0.16061E-08	167566.8	3909224.0	75.3	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000025	0	0.16061E-08	167596.1	3909174.9	76.0	23.20	57.16	10.00	59.18	10.77	YES	HROFDY
A0000026	0	0.15936E-08	167567.7	3909224.3	75.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY
A0000027	0	0.15936E-08	167599.9	3909176.5	76.3	23.20	57.61	10.00	56.03	10.77	YES	HROFDY

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	STCK1	,	STCK2	,	STCK3	,	STCK4	,	A0000016	,	A0000017	,	A0000009	,	A0000010	,
	A0000011	,	A0000012	,	A0000013	,	A0000014	,	A0000015	,	A0000022	,	A0000023	,	A0000020	,
	A0000021	,	A0000024	,	A0000025	,	A0000026	,	A0000027	,						

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs								
-----	-----	-----	-----	-----	-----	-----	-----			
A0000010	47302.	STCK1	, STCK2	, STCK3	, STCK4	, A0000016	, A0000017	, A0000009	,	
		A0000011	, A0000012	, A0000013	, A0000014	, A0000015	, A0000022	, A0000023	, A0000020	,
		A0000021	, A0000024	, A0000025	, A0000026	, A0000027				,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = STCK1 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK2 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK3 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = STCK4 ; SOURCE TYPE = POINT :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000016 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000017 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000009 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000010 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000011 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000012 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000013 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000014 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000015 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000022 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000023 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = A0000020 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000021 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000024 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000025 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01
SOURCE ID = A0000026 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
*** AERMET - VERSION 14134 *** *** 16<30 Age Bin Concentrations

*** 10/28/21
*** 04:34:54
*** PAGE 10

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :											
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.00000E+00	8	.00000E+00	9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167886.9, 3908979.1,	97.3,	368.8,	0.0);	(167898.4, 3908957.3,	98.5,	368.8,	0.0);
(167909.8, 3908935.6,	97.7,	368.8,	0.0);	(167921.3, 3908913.8,	94.8,	368.8,	0.0);
(167716.1, 3909381.5,	101.3,	368.8,	0.0);	(167675.2, 3909399.9,	97.3,	368.8,	0.0);
(167634.3, 3909418.2,	90.7,	368.8,	0.0);	(167593.4, 3909436.6,	85.2,	368.8,	0.0);
(167552.5, 3909455.0,	81.9,	368.8,	0.0);	(167387.2, 3909314.5,	70.2,	368.8,	0.0);
(167373.4, 3909296.8,	69.5,	368.8,	0.0);	(167748.0, 3909350.6,	102.0,	368.8,	0.0);
(167759.5, 3909328.8,	100.5,	368.8,	0.0);	(167770.9, 3909307.0,	97.9,	368.8,	0.0);
(167782.4, 3909285.3,	96.2,	368.8,	0.0);	(167793.8, 3909263.5,	93.7,	368.8,	0.0);
(167805.3, 3909241.8,	91.0,	368.8,	0.0);	(167816.7, 3909220.0,	90.5,	368.8,	0.0);
(167828.2, 3909198.2,	89.9,	368.8,	0.0);	(167839.6, 3909176.5,	88.3,	368.8,	0.0);
(167851.1, 3909154.7,	87.2,	368.8,	0.0);	(167862.5, 3909132.9,	86.5,	368.8,	0.0);
(167873.9, 3909111.2,	86.3,	368.8,	0.0);	(167885.4, 3909089.4,	86.0,	368.8,	0.0);
(167896.8, 3909067.7,	87.6,	368.8,	0.0);	(167908.3, 3909045.9,	89.1,	368.8,	0.0);
(167919.8, 3909024.1,	90.0,	368.8,	0.0);	(167931.2, 3909002.4,	91.0,	368.8,	0.0);
(167942.6, 3908980.6,	91.0,	368.8,	0.0);	(167954.1, 3908958.8,	90.0,	368.8,	0.0);
(167965.5, 3908937.1,	88.1,	368.8,	0.0);	(167759.2, 3909405.3,	113.0,	368.8,	0.0);
(167737.6, 3909415.0,	110.3,	368.8,	0.0);	(167715.9, 3909424.8,	106.7,	368.8,	0.0);
(167694.3, 3909434.5,	101.9,	368.8,	0.0);	(167672.7, 3909444.2,	97.3,	368.8,	0.0);
(167651.0, 3909453.9,	92.8,	368.8,	0.0);	(167629.4, 3909463.6,	89.2,	368.8,	0.0);
(167607.8, 3909473.3,	86.3,	368.8,	0.0);	(167586.1, 3909483.0,	84.3,	368.8,	0.0);
(167564.5, 3909492.8,	82.8,	368.8,	0.0);	(167542.9, 3909502.5,	81.6,	368.8,	0.0);
(167521.2, 3909512.2,	80.4,	368.8,	0.0);	(167411.9, 3909409.9,	72.5,	368.8,	0.0);
(167397.3, 3909391.2,	71.7,	368.8,	0.0);	(167382.7, 3909372.5,	70.8,	368.8,	0.0);
(167368.0, 3909353.9,	70.0,	368.8,	0.0);	(167353.4, 3909335.2,	69.4,	368.8,	0.0);
(167338.8, 3909316.5,	68.8,	368.8,	0.0);	(167324.2, 3909297.9,	68.1,	368.8,	0.0);
(167780.8, 3909395.6,	116.0,	368.8,	0.0);	(167792.3, 3909373.8,	114.8,	368.8,	0.0);
(167803.7, 3909352.1,	112.9,	368.8,	0.0);	(167815.2, 3909330.3,	109.3,	368.8,	0.0);
(167826.6, 3909308.5,	104.4,	368.8,	0.0);	(167838.1, 3909286.8,	99.9,	368.8,	0.0);
(167849.5, 3909265.0,	97.7,	368.8,	0.0);	(167861.0, 3909243.3,	99.0,	368.8,	0.0);
(167872.4, 3909221.5,	98.5,	368.8,	0.0);	(167883.9, 3909199.7,	97.4,	368.8,	0.0);
(167895.3, 3909178.0,	96.1,	368.8,	0.0);	(167906.8, 3909156.2,	94.6,	368.8,	0.0);
(167918.2, 3909134.5,	93.2,	368.8,	0.0);	(167929.6, 3909112.7,	91.8,	368.8,	0.0);
(167941.1, 3909090.9,	91.3,	368.8,	0.0);	(167952.5, 3909069.2,	90.8,	368.8,	0.0);
(167964.0, 3909047.4,	90.5,	368.8,	0.0);	(167975.4, 3909025.6,	89.9,	368.8,	0.0);
(167986.9, 3909003.9,	88.9,	368.8,	0.0);	(167998.3, 3908982.1,	87.5,	368.8,	0.0);
(168009.8, 3908960.4,	86.1,	368.8,	0.0);	(167804.0, 3909428.3,	128.4,	368.8,	0.0);
(167782.9, 3909437.8,	125.1,	368.8,	0.0);	(167761.8, 3909447.3,	120.2,	368.8,	0.0);
(167740.7, 3909456.8,	113.8,	368.8,	0.0);	(167719.6, 3909466.2,	106.8,	368.8,	0.0);
(167698.5, 3909475.7,	100.5,	368.8,	0.0);	(167677.4, 3909485.2,	96.2,	368.8,	0.0);
(167656.3, 3909494.7,	92.7,	368.8,	0.0);	(167635.3, 3909504.1,	89.7,	368.8,	0.0);
(167614.2, 3909513.6,	87.0,	368.8,	0.0);	(167593.1, 3909523.1,	85.0,	368.8,	0.0);
(167572.0, 3909532.5,	83.8,	368.8,	0.0);	(167550.9, 3909542.0,	82.7,	368.8,	0.0);
(167529.8, 3909551.5,	81.4,	368.8,	0.0);	(167508.7, 3909561.0,	80.0,	368.8,	0.0);
(167416.4, 3909479.4,	73.7,	368.8,	0.0);	(167402.1, 3909461.2,	72.9,	368.8,	0.0);
(167387.9, 3909443.0,	72.0,	368.8,	0.0);	(167373.6, 3909424.8,	71.1,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167359.3, 3909406.6,	70.2,	368.8,	0.0);	(167345.1, 3909388.4,	69.4,	368.8,	0.0);
(167330.8, 3909370.2,	68.9,	368.8,	0.0);	(167316.6, 3909352.0,	68.6,	368.8,	0.0);
(167302.3, 3909333.8,	67.9,	368.8,	0.0);	(167288.1, 3909315.6,	67.3,	368.8,	0.0);
(167273.8, 3909297.4,	66.8,	368.8,	0.0);	(167825.1, 3909418.9,	131.5,	368.8,	0.0);
(167836.5, 3909397.1,	129.6,	368.8,	0.0);	(167848.0, 3909375.3,	126.7,	368.8,	0.0);
(167859.4, 3909353.6,	119.8,	368.8,	0.0);	(167870.9, 3909331.8,	109.9,	368.8,	0.0);
(167882.3, 3909310.1,	109.5,	368.8,	0.0);	(167893.8, 3909288.3,	109.3,	368.8,	0.0);
(167905.2, 3909266.5,	109.1,	368.8,	0.0);	(167916.7, 3909244.8,	108.8,	368.8,	0.0);
(167928.1, 3909223.0,	107.2,	368.8,	0.0);	(167939.6, 3909201.3,	104.6,	368.8,	0.0);
(167951.0, 3909179.5,	101.2,	368.8,	0.0);	(167962.4, 3909157.7,	98.9,	368.8,	0.0);
(167973.9, 3909136.0,	96.8,	368.8,	0.0);	(167985.3, 3909114.2,	95.1,	368.8,	0.0);
(167996.8, 3909092.4,	93.5,	368.8,	0.0);	(168008.2, 3909070.7,	92.2,	368.8,	0.0);
(168019.7, 3909048.9,	90.7,	368.8,	0.0);	(168031.1, 3909027.2,	89.2,	368.8,	0.0);
(168042.6, 3909005.4,	87.7,	368.8,	0.0);	(168054.0, 3908983.6,	86.3,	368.8,	0.0);
(167892.1, 3909475.1,	154.3,	368.8,	0.0);	(167870.7, 3909484.7,	152.4,	368.8,	0.0);
(167849.3, 3909494.3,	147.6,	368.8,	0.0);	(167827.9, 3909503.9,	141.0,	368.8,	0.0);
(167806.4, 3909513.5,	133.8,	368.8,	0.0);	(167785.0, 3909523.2,	126.5,	368.8,	0.0);
(167763.6, 3909532.8,	118.3,	368.8,	0.0);	(167742.2, 3909542.4,	111.2,	368.8,	0.0);
(167720.8, 3909552.0,	104.7,	368.8,	0.0);	(167699.3, 3909561.7,	99.5,	368.8,	0.0);
(167677.9, 3909571.3,	97.3,	368.8,	0.0);	(167656.5, 3909580.9,	95.2,	368.8,	0.0);
(167635.0, 3909590.5,	92.3,	368.8,	0.0);	(167613.6, 3909600.2,	89.5,	368.8,	0.0);
(167592.2, 3909609.8,	87.1,	368.8,	0.0);	(167570.8, 3909619.4,	85.1,	368.8,	0.0);
(167549.3, 3909629.0,	83.5,	368.8,	0.0);	(167527.9, 3909638.7,	81.3,	368.8,	0.0);
(167518.0, 3909600.2,	80.9,	368.8,	0.0);	(167385.3, 3909619.1,	72.1,	368.8,	0.0);
(167391.2, 3909575.1,	72.6,	368.8,	0.0);	(167376.8, 3909556.6,	72.0,	368.8,	0.0);
(167362.3, 3909538.1,	71.5,	368.8,	0.0);	(167347.8, 3909519.6,	70.9,	368.8,	0.0);
(167333.3, 3909501.1,	70.4,	368.8,	0.0);	(167318.8, 3909482.6,	69.8,	368.8,	0.0);
(167304.4, 3909464.1,	69.1,	368.8,	0.0);	(167289.9, 3909445.6,	68.5,	368.8,	0.0);
(167275.4, 3909427.1,	67.6,	368.8,	0.0);	(167260.9, 3909408.6,	67.0,	368.8,	0.0);
(167246.4, 3909390.1,	66.6,	368.8,	0.0);	(167232.0, 3909371.7,	66.1,	368.8,	0.0);
(167217.5, 3909353.2,	65.7,	368.8,	0.0);	(167203.0, 3909334.7,	65.2,	368.8,	0.0);
(167188.5, 3909316.2,	64.7,	368.8,	0.0);	(167174.0, 3909297.7,	64.2,	368.8,	0.0);
(167913.6, 3909465.4,	154.5,	368.8,	0.0);	(167925.0, 3909443.7,	152.5,	368.8,	0.0);
(167936.5, 3909421.9,	149.4,	368.8,	0.0);	(167947.9, 3909400.1,	145.1,	368.8,	0.0);
(167959.4, 3909378.4,	140.3,	368.8,	0.0);	(167970.8, 3909356.6,	135.0,	368.8,	0.0);
(167982.3, 3909334.9,	129.0,	368.8,	0.0);	(167993.7, 3909313.1,	122.8,	368.8,	0.0);
(168005.2, 3909291.3,	116.5,	368.8,	0.0);	(168016.6, 3909269.6,	110.6,	368.8,	0.0);
(168028.1, 3909247.8,	107.3,	368.8,	0.0);	(168039.5, 3909226.1,	104.8,	368.8,	0.0);
(168050.9, 3909204.3,	102.5,	368.8,	0.0);	(168062.4, 3909182.5,	100.3,	368.8,	0.0);
(168073.8, 3909160.8,	98.2,	368.8,	0.0);	(168085.3, 3909139.0,	96.6,	368.8,	0.0);
(168096.8, 3909117.2,	94.7,	368.8,	0.0);	(168108.2, 3909095.5,	92.8,	368.8,	0.0);
(168119.6, 3909073.7,	91.0,	368.8,	0.0);	(168131.1, 3909052.0,	89.5,	368.8,	0.0);
(168142.5, 3909030.2,	88.1,	368.8,	0.0);	(167980.4, 3909521.7,	142.8,	368.8,	0.0);
(167958.8, 3909531.4,	143.6,	368.8,	0.0);	(167937.2, 3909541.1,	144.5,	368.8,	0.0);
(167915.5, 3909550.9,	145.3,	368.8,	0.0);	(167893.9, 3909560.6,	144.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167872.3, 3909570.3,	140.7,	368.8,	0.0);	(167850.7, 3909580.0,	135.5,	368.8,	0.0);
(167829.0, 3909589.7,	128.6,	368.8,	0.0);	(167807.4, 3909599.4,	121.2,	368.8,	0.0);
(167785.8, 3909609.2,	113.5,	368.8,	0.0);	(167764.1, 3909618.9,	107.5,	368.8,	0.0);
(167742.5, 3909628.6,	102.5,	368.8,	0.0);	(167720.9, 3909638.3,	99.0,	368.8,	0.0);
(167699.2, 3909648.0,	96.3,	368.8,	0.0);	(167677.6, 3909657.7,	93.6,	368.8,	0.0);
(167656.0, 3909667.4,	91.0,	368.8,	0.0);	(167634.3, 3909677.2,	88.3,	368.8,	0.0);
(167612.7, 3909686.9,	86.4,	368.8,	0.0);	(167591.1, 3909696.6,	84.6,	368.8,	0.0);
(167569.5, 3909706.3,	82.4,	368.8,	0.0);	(167547.8, 3909716.0,	80.1,	368.8,	0.0);
(167482.9, 3909745.2,	74.4,	368.8,	0.0);	(167461.3, 3909754.9,	73.0,	368.8,	0.0);
(167425.1, 3909745.9,	71.3,	368.8,	0.0);	(167410.4, 3909727.3,	70.9,	368.8,	0.0);
(167395.8, 3909708.6,	70.8,	368.8,	0.0);	(167381.2, 3909689.9,	70.6,	368.8,	0.0);
(167366.6, 3909671.3,	70.4,	368.8,	0.0);	(167352.0, 3909652.6,	70.1,	368.8,	0.0);
(167337.3, 3909633.9,	69.7,	368.8,	0.0);	(167322.7, 3909615.2,	69.4,	368.8,	0.0);
(167308.1, 3909596.6,	69.2,	368.8,	0.0);	(167293.5, 3909577.9,	69.1,	368.8,	0.0);
(167278.9, 3909559.2,	68.9,	368.8,	0.0);	(167264.2, 3909540.6,	68.7,	368.8,	0.0);
(167249.6, 3909521.9,	68.2,	368.8,	0.0);	(167235.0, 3909503.2,	67.8,	368.8,	0.0);
(167220.4, 3909484.6,	67.1,	368.8,	0.0);	(167205.8, 3909465.9,	66.6,	368.8,	0.0);
(167191.1, 3909447.2,	66.0,	368.8,	0.0);	(167176.5, 3909428.6,	65.4,	368.8,	0.0);
(167161.9, 3909409.9,	64.8,	368.8,	0.0);	(167147.3, 3909391.2,	64.4,	368.8,	0.0);
(167132.7, 3909372.5,	63.9,	368.8,	0.0);	(167118.0, 3909353.9,	63.5,	368.8,	0.0);
(167103.4, 3909335.2,	63.0,	368.8,	0.0);	(167088.8, 3909316.5,	62.4,	368.8,	0.0);
(167074.2, 3909297.9,	61.9,	368.8,	0.0);	(168002.1, 3909512.0,	141.1,	368.8,	0.0);
(168013.5, 3909490.2,	141.9,	368.8,	0.0);	(168025.0, 3909468.5,	141.3,	368.8,	0.0);
(168036.4, 3909446.7,	139.7,	368.8,	0.0);	(168047.9, 3909424.9,	135.7,	368.8,	0.0);
(168059.3, 3909403.2,	131.2,	368.8,	0.0);	(168070.8, 3909381.4,	126.1,	368.8,	0.0);
(168082.2, 3909359.7,	121.6,	368.8,	0.0);	(168093.7, 3909337.9,	115.8,	368.8,	0.0);
(168105.1, 3909316.1,	110.6,	368.8,	0.0);	(168116.6, 3909294.4,	106.5,	368.8,	0.0);
(168128.0, 3909272.6,	103.0,	368.8,	0.0);	(168139.4, 3909250.9,	99.8,	368.8,	0.0);
(168150.9, 3909229.1,	97.6,	368.8,	0.0);	(168162.3, 3909207.3,	96.5,	368.8,	0.0);
(168173.8, 3909185.6,	95.5,	368.8,	0.0);	(168185.2, 3909163.8,	94.9,	368.8,	0.0);
(168196.7, 3909142.0,	94.0,	368.8,	0.0);	(168208.1, 3909120.3,	93.1,	368.8,	0.0);
(168219.6, 3909098.5,	92.0,	368.8,	0.0);	(168231.0, 3909076.8,	90.8,	368.8,	0.0);
(168068.8, 3909568.3,	115.7,	368.8,	0.0);	(168047.0, 3909578.1,	117.2,	368.8,	0.0);
(168025.3, 3909587.9,	117.5,	368.8,	0.0);	(168003.5, 3909597.7,	117.4,	368.8,	0.0);
(167981.7, 3909607.4,	118.1,	368.8,	0.0);	(167959.9, 3909617.2,	119.0,	368.8,	0.0);
(167938.2, 3909627.0,	119.1,	368.8,	0.0);	(167916.4, 3909636.8,	119.0,	368.8,	0.0);
(167894.6, 3909646.6,	117.6,	368.8,	0.0);	(167872.9, 3909656.3,	114.5,	368.8,	0.0);
(167851.1, 3909666.1,	110.2,	368.8,	0.0);	(167829.3, 3909675.9,	105.2,	368.8,	0.0);
(167807.6, 3909685.7,	100.4,	368.8,	0.0);	(167785.8, 3909695.5,	96.7,	368.8,	0.0);
(167764.0, 3909705.2,	94.2,	368.8,	0.0);	(167742.2, 3909715.0,	91.6,	368.8,	0.0);
(167720.5, 3909724.8,	89.3,	368.8,	0.0);	(167698.7, 3909734.6,	87.0,	368.8,	0.0);
(167676.9, 3909744.3,	85.2,	368.8,	0.0);	(167655.2, 3909754.1,	83.9,	368.8,	0.0);
(167633.4, 3909763.9,	82.7,	368.8,	0.0);	(167611.6, 3909773.7,	81.1,	368.8,	0.0);
(167524.5, 3909812.8,	74.5,	368.8,	0.0);	(167502.8, 3909822.6,	73.2,	368.8,	0.0);
(167481.0, 3909832.4,	72.0,	368.8,	0.0);	(167459.2, 3909842.1,	70.8,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167437.5, 3909851.9,	69.7,	368.8,	0.0);	(167401.0, 3909842.9,	68.6,	368.8,	0.0);
(167386.3, 3909824.1,	68.1,	368.8,	0.0);	(167371.5, 3909805.3,	68.0,	368.8,	0.0);
(167356.8, 3909786.5,	67.8,	368.8,	0.0);	(167342.1, 3909767.7,	67.8,	368.8,	0.0);
(167327.4, 3909748.9,	67.8,	368.8,	0.0);	(167312.7, 3909730.2,	67.7,	368.8,	0.0);
(167298.0, 3909711.4,	67.7,	368.8,	0.0);	(167283.3, 3909692.6,	67.6,	368.8,	0.0);
(167268.6, 3909673.8,	67.4,	368.8,	0.0);	(167253.8, 3909655.0,	67.2,	368.8,	0.0);
(167239.1, 3909636.2,	67.1,	368.8,	0.0);	(167224.4, 3909617.4,	67.1,	368.8,	0.0);
(167209.7, 3909598.6,	67.0,	368.8,	0.0);	(167195.0, 3909579.8,	66.8,	368.8,	0.0);
(167180.3, 3909561.0,	66.4,	368.8,	0.0);	(167165.6, 3909542.3,	65.8,	368.8,	0.0);
(167150.8, 3909523.5,	65.2,	368.8,	0.0);	(167136.1, 3909504.7,	64.5,	368.8,	0.0);
(167121.4, 3909485.9,	63.9,	368.8,	0.0);	(167106.7, 3909467.1,	63.5,	368.8,	0.0);
(167092.0, 3909448.3,	63.1,	368.8,	0.0);	(167077.3, 3909429.5,	62.8,	368.8,	0.0);
(167062.6, 3909410.7,	62.4,	368.8,	0.0);	(167047.8, 3909391.9,	62.1,	368.8,	0.0);
(167033.1, 3909373.1,	61.8,	368.8,	0.0);	(167018.4, 3909354.4,	61.5,	368.8,	0.0);
(167003.7, 3909335.6,	61.3,	368.8,	0.0);	(166989.0, 3909316.8,	60.9,	368.8,	0.0);
(166974.3, 3909298.0,	60.5,	368.8,	0.0);	(168090.6, 3909558.5,	114.1,	368.8,	0.0);
(168102.0, 3909536.8,	116.3,	368.8,	0.0);	(168113.5, 3909515.0,	118.5,	368.8,	0.0);
(168124.9, 3909493.3,	119.3,	368.8,	0.0);	(168136.4, 3909471.5,	119.1,	368.8,	0.0);
(168147.8, 3909449.8,	118.2,	368.8,	0.0);	(168159.3, 3909428.0,	115.6,	368.8,	0.0);
(168170.7, 3909406.2,	112.5,	368.8,	0.0);	(168182.2, 3909384.5,	109.7,	368.8,	0.0);
(168193.6, 3909362.7,	108.1,	368.8,	0.0);	(168205.1, 3909340.9,	106.3,	368.8,	0.0);
(168216.5, 3909319.2,	104.2,	368.8,	0.0);	(168227.9, 3909297.4,	102.0,	368.8,	0.0);
(168239.4, 3909275.6,	100.6,	368.8,	0.0);	(168250.8, 3909253.9,	99.6,	368.8,	0.0);
(168262.3, 3909232.1,	98.3,	368.8,	0.0);	(168273.8, 3909210.4,	97.3,	368.8,	0.0);
(168285.2, 3909188.6,	96.7,	368.8,	0.0);	(168296.6, 3909166.8,	95.9,	368.8,	0.0);
(168308.1, 3909145.1,	95.4,	368.8,	0.0);	(168319.5, 3909123.3,	95.0,	368.8,	0.0);
(168157.2, 3909614.9,	107.6,	368.8,	0.0);	(168135.3, 3909624.8,	105.7,	368.8,	0.0);
(168113.5, 3909634.6,	103.8,	368.8,	0.0);	(168091.6, 3909644.4,	103.0,	368.8,	0.0);
(168069.7, 3909654.2,	102.4,	368.8,	0.0);	(168047.8, 3909664.1,	101.5,	368.8,	0.0);
(168026.0, 3909673.9,	100.8,	368.8,	0.0);	(168004.1, 3909683.7,	100.3,	368.8,	0.0);
(167982.2, 3909693.5,	99.6,	368.8,	0.0);	(167960.4, 3909703.3,	98.8,	368.8,	0.0);
(167938.5, 3909713.2,	97.9,	368.8,	0.0);	(167916.6, 3909723.0,	97.0,	368.8,	0.0);
(167894.8, 3909732.8,	95.7,	368.8,	0.0);	(167872.9, 3909742.6,	94.6,	368.8,	0.0);
(167851.0, 3909752.5,	93.2,	368.8,	0.0);	(167829.1, 3909762.3,	91.4,	368.8,	0.0);
(167807.3, 3909772.1,	89.6,	368.8,	0.0);	(167785.4, 3909781.9,	87.8,	368.8,	0.0);
(167763.5, 3909791.8,	86.0,	368.8,	0.0);	(167741.6, 3909801.6,	84.4,	368.8,	0.0);
(167719.8, 3909811.4,	82.7,	368.8,	0.0);	(167697.9, 3909821.2,	81.1,	368.8,	0.0);
(167676.0, 3909831.1,	79.9,	368.8,	0.0);	(167654.2, 3909840.9,	79.1,	368.8,	0.0);
(167632.2, 3909850.8,	75.4,	368.8,	0.0);	(167610.4, 3909860.0,	74.5,	368.8,	0.0);
(167588.4, 3909870.5,	70.9,	368.8,	0.0);	(167566.6, 3909880.0,	70.0,	368.8,	0.0);
(167544.6, 3909890.2,	66.4,	368.8,	0.0);	(167522.8, 3909909.7,	65.1,	368.8,	0.0);
(167500.8, 3909910.0,	61.9,	368.8,	0.0);	(167479.0, 3909929.3,	60.2,	368.8,	0.0);
(167457.0, 3909929.8,	57.4,	368.8,	0.0);	(167435.2, 3909948.9,	55.3,	368.8,	0.0);
(167413.2, 3909949.4,	52.9,	368.8,	0.0);	(167389.4, 3909968.5,	50.4,	368.8,	0.0);
(167369.4, 3909969.0,	48.4,	368.8,	0.0);	(167343.6, 3909988.1,	46.5,	368.8,	0.0);
(167325.6, 3909988.6,	43.9,	368.8,	0.0);	(167297.8, 3909999.0,	42.6,	368.8,	0.0);
(167281.8, 3909999.0,	39.4,	368.8,	0.0);	(167252.0, 3909999.0,	38.7,	368.8,	0.0);
(167238.0, 3909999.0,	34.9,	368.8,	0.0);	(167206.2, 3909999.0,	34.0,	368.8,	0.0);
(167194.2, 3909999.0,	30.4,	368.8,	0.0);	(167160.4, 3909999.0,	29.3,	368.8,	0.0);
(167150.4, 3909999.0,	25.9,	368.8,	0.0);	(167114.6, 3909999.0,	24.6,	368.8,	0.0);
(167106.6, 3909999.0,	21.4,	368.8,	0.0);	(167068.8, 3909999.0,	19.9,	368.8,	0.0);
(167062.8, 3909999.0,	16.9,	368.8,	0.0);	(167023.0, 3909999.0,	15.2,	368.8,	0.0);
(167019.0, 3909999.0,	12.4,	368.8,	0.0);	(166977.2, 3909999.0,	11.5,	368.8,	0.0);
(166975.2, 3909999.0,	7.9,	368.8,	0.0);	(166931.4, 3909999.0,	6.6,	368.8,	0.0);
(166931.4, 3909999.0,	4.0,	368.8,	0.0);	(166885.6, 3909999.0,	3.0,	368.8,	0.0);
(166887.6, 3909999.0,	0.0,	368.8,	0.0);	(166839.8, 3909999.0,	0.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167288.2, 3909826.6,	67.0,	368.8,	0.0);	(167273.5, 3909807.8,	66.9,	368.8,	0.0);
(167258.7, 3909788.9,	66.8,	368.8,	0.0);	(167243.9, 3909770.0,	66.7,	368.8,	0.0);
(167229.1, 3909751.1,	66.5,	368.8,	0.0);	(167214.3, 3909732.2,	66.4,	368.8,	0.0);
(167199.5, 3909713.4,	66.2,	368.8,	0.0);	(167184.8, 3909694.5,	65.9,	368.8,	0.0);
(167170.0, 3909675.6,	65.8,	368.8,	0.0);	(167155.2, 3909656.7,	65.6,	368.8,	0.0);
(167140.4, 3909637.9,	65.2,	368.8,	0.0);	(167125.6, 3909619.0,	64.6,	368.8,	0.0);
(167110.9, 3909600.1,	63.9,	368.8,	0.0);	(167096.1, 3909581.2,	63.3,	368.8,	0.0);
(167081.3, 3909562.4,	62.9,	368.8,	0.0);	(167066.5, 3909543.5,	62.4,	368.8,	0.0);
(167051.7, 3909524.6,	62.0,	368.8,	0.0);	(167036.9, 3909505.7,	61.7,	368.8,	0.0);
(167022.2, 3909486.8,	61.4,	368.8,	0.0);	(167007.4, 3909468.0,	61.2,	368.8,	0.0);
(166992.6, 3909449.1,	61.0,	368.8,	0.0);	(166977.8, 3909430.2,	60.9,	368.8,	0.0);
(166963.0, 3909411.3,	60.7,	368.8,	0.0);	(166948.3, 3909392.5,	60.6,	368.8,	0.0);
(166933.5, 3909373.6,	60.5,	368.8,	0.0);	(166918.7, 3909354.7,	60.4,	368.8,	0.0);
(166903.9, 3909335.8,	60.2,	368.8,	0.0);	(166889.1, 3909316.9,	60.1,	368.8,	0.0);
(166874.3, 3909298.1,	59.8,	368.8,	0.0);	(168179.1, 3909605.1,	109.2,	368.8,	0.0);
(168190.5, 3909583.3,	110.0,	368.8,	0.0);	(168202.0, 3909561.6,	110.9,	368.8,	0.0);
(168213.4, 3909539.8,	111.4,	368.8,	0.0);	(168224.9, 3909518.1,	111.8,	368.8,	0.0);
(168236.3, 3909496.3,	111.9,	368.8,	0.0);	(168247.8, 3909474.5,	111.9,	368.8,	0.0);
(168259.2, 3909452.8,	111.1,	368.8,	0.0);	(168270.7, 3909431.0,	110.5,	368.8,	0.0);
(168282.1, 3909409.3,	109.9,	368.8,	0.0);	(168293.6, 3909387.5,	108.9,	368.8,	0.0);
(168305.0, 3909365.7,	108.0,	368.8,	0.0);	(168316.4, 3909344.0,	107.6,	368.8,	0.0);
(168327.9, 3909322.2,	106.4,	368.8,	0.0);	(168339.3, 3909300.4,	105.2,	368.8,	0.0);
(168350.8, 3909278.7,	104.1,	368.8,	0.0);	(168362.2, 3909256.9,	102.9,	368.8,	0.0);
(168373.7, 3909235.2,	101.4,	368.8,	0.0);	(168385.1, 3909213.4,	100.0,	368.8,	0.0);
(168396.6, 3909191.6,	99.0,	368.8,	0.0);	(168408.0, 3909169.9,	99.1,	368.8,	0.0);
(167787.0, 3908808.0,	76.1,	368.8,	0.0);	(167754.4, 3908835.9,	75.9,	368.8,	0.0);
(167733.5, 3908848.9,	75.6,	368.8,	0.0);	(167712.6, 3908862.0,	74.8,	368.8,	0.0);
(167691.7, 3908875.1,	74.0,	368.8,	0.0);	(167670.8, 3908888.2,	73.1,	368.8,	0.0);
(167762.0, 3908801.6,	74.2,	368.8,	0.0);	(167741.1, 3908814.7,	74.1,	368.8,	0.0);
(167720.2, 3908827.8,	74.0,	368.8,	0.0);	(167699.3, 3908840.8,	73.4,	368.8,	0.0);
(167678.4, 3908853.9,	72.8,	368.8,	0.0);	(167657.5, 3908867.0,	72.1,	368.8,	0.0);
(167794.1, 3908784.7,	75.2,	368.8,	0.0);	(167816.8, 3908786.8,	77.5,	368.8,	0.0);
(167748.7, 3908780.4,	73.0,	368.8,	0.0);	(167727.8, 3908793.5,	73.0,	368.8,	0.0);
(167706.9, 3908806.6,	72.8,	368.8,	0.0);	(167686.0, 3908819.6,	72.3,	368.8,	0.0);
(167665.1, 3908832.7,	71.7,	368.8,	0.0);	(167644.2, 3908845.8,	71.0,	368.8,	0.0);
(167783.9, 3908763.8,	74.1,	368.8,	0.0);	(167808.1, 3908766.1,	75.5,	368.8,	0.0);
(167868.8, 3908842.6,	86.9,	368.8,	0.0);	(167735.5, 3908759.2,	72.8,	368.8,	0.0);
(167714.6, 3908772.3,	72.3,	368.8,	0.0);	(167693.7, 3908785.4,	71.9,	368.8,	0.0);
(167672.8, 3908798.5,	71.4,	368.8,	0.0);	(167651.9, 3908811.5,	70.8,	368.8,	0.0);
(167631.0, 3908824.6,	70.0,	368.8,	0.0);	(167731.6, 3908719.0,	73.3,	368.8,	0.0);
(167754.3, 3908721.1,	74.0,	368.8,	0.0);	(167777.0, 3908723.3,	74.8,	368.8,	0.0);
(167799.8, 3908725.4,	75.3,	368.8,	0.0);	(167822.4, 3908727.6,	76.5,	368.8,	0.0);
(167845.1, 3908729.7,	78.2,	368.8,	0.0);	(167902.1, 3908801.4,	85.4,	368.8,	0.0);
(167905.9, 3908823.9,	86.3,	368.8,	0.0);	(167909.8, 3908846.4,	87.9,	368.8,	0.0);
(167913.6, 3908868.9,	90.5,	368.8,	0.0);	(167917.4, 3908891.3,	93.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167708.9, 3908716.8,	72.7,	368.8,	0.0);	(167688.0, 3908729.9,	71.9,	368.8,	0.0);
(167667.1, 3908743.0,	71.0,	368.8,	0.0);	(167646.2, 3908756.1,	70.1,	368.8,	0.0);
(167625.3, 3908769.2,	69.4,	368.8,	0.0);	(167604.4, 3908782.2,	68.5,	368.8,	0.0);
(167706.6, 3908676.7,	73.4,	368.8,	0.0);	(167730.8, 3908679.0,	73.9,	368.8,	0.0);
(167755.0, 3908681.3,	74.3,	368.8,	0.0);	(167779.3, 3908683.6,	75.1,	368.8,	0.0);
(167803.5, 3908685.9,	76.3,	368.8,	0.0);	(167827.7, 3908688.2,	77.4,	368.8,	0.0);
(167851.9, 3908690.5,	78.8,	368.8,	0.0);	(167876.1, 3908692.8,	80.3,	368.8,	0.0);
(167900.3, 3908695.0,	81.2,	368.8,	0.0);	(167936.8, 3908769.3,	83.1,	368.8,	0.0);
(167940.9, 3908793.2,	84.2,	368.8,	0.0);	(167945.0, 3908817.2,	85.0,	368.8,	0.0);
(167949.1, 3908841.2,	85.8,	368.8,	0.0);	(167953.2, 3908865.2,	86.5,	368.8,	0.0);
(167957.3, 3908889.1,	87.4,	368.8,	0.0);	(167961.4, 3908913.1,	87.9,	368.8,	0.0);
(167682.4, 3908674.4,	72.5,	368.8,	0.0);	(167661.5, 3908687.5,	71.5,	368.8,	0.0);
(167640.6, 3908700.6,	70.3,	368.8,	0.0);	(167619.7, 3908713.7,	69.2,	368.8,	0.0);
(167598.8, 3908726.8,	67.9,	368.8,	0.0);	(167577.9, 3908739.9,	67.7,	368.8,	0.0);
(167679.2, 3908634.3,	72.6,	368.8,	0.0);	(167702.4, 3908636.5,	73.6,	368.8,	0.0);
(167725.7, 3908638.7,	74.3,	368.8,	0.0);	(167749.0, 3908640.9,	75.1,	368.8,	0.0);
(167772.3, 3908643.1,	75.8,	368.8,	0.0);	(167795.6, 3908645.3,	76.4,	368.8,	0.0);
(167818.9, 3908647.5,	77.3,	368.8,	0.0);	(167842.1, 3908649.7,	78.7,	368.8,	0.0);
(167865.4, 3908651.9,	80.4,	368.8,	0.0);	(167888.7, 3908654.1,	82.4,	368.8,	0.0);
(167912.0, 3908656.3,	83.8,	368.8,	0.0);	(167935.3, 3908658.5,	83.8,	368.8,	0.0);
(167974.3, 3908752.9,	81.5,	368.8,	0.0);	(167978.3, 3908775.9,	82.5,	368.8,	0.0);
(167982.2, 3908799.0,	83.2,	368.8,	0.0);	(167986.1, 3908822.0,	83.9,	368.8,	0.0);
(167990.1, 3908845.1,	84.5,	368.8,	0.0);	(167994.0, 3908868.2,	84.9,	368.8,	0.0);
(167998.0, 3908891.2,	85.0,	368.8,	0.0);	(168001.9, 3908914.3,	85.2,	368.8,	0.0);
(168005.8, 3908937.3,	85.6,	368.8,	0.0);	(167655.9, 3908632.1,	71.7,	368.8,	0.0);
(167635.0, 3908645.2,	70.7,	368.8,	0.0);	(167614.1, 3908658.2,	69.7,	368.8,	0.0);
(167593.2, 3908671.3,	68.8,	368.8,	0.0);	(167572.3, 3908684.4,	68.0,	368.8,	0.0);
(167551.4, 3908697.5,	67.2,	368.8,	0.0);	(167653.6, 3908592.0,	71.8,	368.8,	0.0);
(167677.8, 3908594.3,	72.5,	368.8,	0.0);	(167702.0, 3908596.6,	73.4,	368.8,	0.0);
(167726.2, 3908598.8,	74.1,	368.8,	0.0);	(167750.4, 3908601.1,	75.0,	368.8,	0.0);
(167774.6, 3908603.4,	75.7,	368.8,	0.0);	(167798.8, 3908605.7,	76.5,	368.8,	0.0);
(167823.1, 3908608.0,	77.5,	368.8,	0.0);	(167847.3, 3908610.3,	79.1,	368.8,	0.0);
(167871.5, 3908612.6,	81.1,	368.8,	0.0);	(167895.7, 3908614.9,	83.4,	368.8,	0.0);
(167919.9, 3908617.2,	85.2,	368.8,	0.0);	(167944.1, 3908619.4,	86.0,	368.8,	0.0);
(167968.3, 3908621.7,	83.6,	368.8,	0.0);	(167996.7, 3908648.0,	78.7,	368.8,	0.0);
(168000.8, 3908672.0,	78.6,	368.8,	0.0);	(168004.9, 3908695.9,	78.9,	368.8,	0.0);
(168009.0, 3908719.9,	79.6,	368.8,	0.0);	(168013.0, 3908743.9,	80.4,	368.8,	0.0);
(168017.1, 3908767.9,	81.3,	368.8,	0.0);	(168021.2, 3908791.8,	82.2,	368.8,	0.0);
(168025.3, 3908815.8,	82.8,	368.8,	0.0);	(168029.4, 3908839.8,	83.1,	368.8,	0.0);
(168033.5, 3908863.8,	83.5,	368.8,	0.0);	(168037.6, 3908887.8,	84.0,	368.8,	0.0);
(168041.7, 3908911.7,	84.4,	368.8,	0.0);	(168045.8, 3908935.7,	85.0,	368.8,	0.0);
(168049.9, 3908959.7,	85.6,	368.8,	0.0);	(167629.3, 3908589.7,	71.0,	368.8,	0.0);
(167608.4, 3908602.8,	70.2,	368.8,	0.0);	(167587.5, 3908615.9,	69.2,	368.8,	0.0);
(167566.6, 3908628.9,	68.6,	368.8,	0.0);	(167545.8, 3908642.0,	67.9,	368.8,	0.0);
(167524.8, 3908655.1,	67.3,	368.8,	0.0);	(167600.5, 3908507.2,	72.4,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167624.7, 3908509.5,	72.5,	368.8,	0.0);	(167648.9, 3908511.8,	72.6,	368.8,	0.0);
(167673.1, 3908514.1,	72.7,	368.8,	0.0);	(167697.3, 3908516.4,	73.0,	368.8,	0.0);
(167721.6, 3908518.7,	73.6,	368.8,	0.0);	(167745.8, 3908521.0,	74.3,	368.8,	0.0);
(167770.0, 3908523.2,	75.1,	368.8,	0.0);	(167794.2, 3908525.5,	76.1,	368.8,	0.0);
(167818.4, 3908527.8,	76.7,	368.8,	0.0);	(167842.6, 3908530.1,	77.1,	368.8,	0.0);
(167866.8, 3908532.4,	77.6,	368.8,	0.0);	(167891.1, 3908534.7,	77.8,	368.8,	0.0);
(167915.3, 3908537.0,	77.7,	368.8,	0.0);	(167939.5, 3908539.3,	77.2,	368.8,	0.0);
(167963.7, 3908541.6,	76.2,	368.8,	0.0);	(167987.9, 3908543.8,	75.0,	368.8,	0.0);
(168012.1, 3908546.1,	74.1,	368.8,	0.0);	(168036.3, 3908548.4,	73.5,	368.8,	0.0);
(168064.7, 3908574.7,	73.8,	368.8,	0.0);	(168068.8, 3908598.7,	74.7,	368.8,	0.0);
(168072.9, 3908622.6,	75.5,	368.8,	0.0);	(168077.0, 3908646.6,	75.3,	368.8,	0.0);
(168081.1, 3908670.6,	75.3,	368.8,	0.0);	(168085.2, 3908694.6,	75.8,	368.8,	0.0);
(168089.3, 3908718.5,	76.9,	368.8,	0.0);	(168093.4, 3908742.5,	78.5,	368.8,	0.0);
(168097.5, 3908766.5,	80.0,	368.8,	0.0);	(168101.5, 3908790.5,	80.9,	368.8,	0.0);
(168105.6, 3908814.4,	81.7,	368.8,	0.0);	(168109.8, 3908838.4,	82.3,	368.8,	0.0);
(168113.8, 3908862.4,	82.9,	368.8,	0.0);	(168117.9, 3908886.4,	83.3,	368.8,	0.0);
(168122.0, 3908910.3,	83.8,	368.8,	0.0);	(168126.1, 3908934.3,	84.5,	368.8,	0.0);
(168130.2, 3908958.3,	85.1,	368.8,	0.0);	(168134.3, 3908982.3,	85.9,	368.8,	0.0);
(168138.4, 3909006.2,	87.0,	368.8,	0.0);	(168142.5, 3909030.3,	87.3,	368.8,	0.0);
(167555.4, 3908518.0,	71.9,	368.8,	0.0);	(167534.5, 3908531.1,	71.2,	368.8,	0.0);
(167513.6, 3908544.2,	70.5,	368.8,	0.0);	(167492.7, 3908557.3,	69.9,	368.8,	0.0);
(167471.8, 3908570.4,	69.2,	368.8,	0.0);	(167547.4, 3908422.5,	77.6,	368.8,	0.0);
(167571.6, 3908424.8,	76.9,	368.8,	0.0);	(167595.8, 3908427.0,	76.5,	368.8,	0.0);
(167620.1, 3908429.3,	76.1,	368.8,	0.0);	(167644.3, 3908431.6,	75.8,	368.8,	0.0);
(167668.5, 3908433.9,	75.3,	368.8,	0.0);	(167692.7, 3908436.2,	74.7,	368.8,	0.0);
(167716.9, 3908438.5,	74.1,	368.8,	0.0);	(167741.1, 3908440.8,	74.0,	368.8,	0.0);
(167765.4, 3908443.1,	74.5,	368.8,	0.0);	(167789.6, 3908445.3,	75.4,	368.8,	0.0);
(167813.8, 3908447.6,	75.8,	368.8,	0.0);	(167838.0, 3908449.9,	75.9,	368.8,	0.0);
(167862.2, 3908452.2,	75.7,	368.8,	0.0);	(167886.4, 3908454.5,	75.3,	368.8,	0.0);
(167910.6, 3908456.8,	75.0,	368.8,	0.0);	(167934.9, 3908459.1,	74.5,	368.8,	0.0);
(167959.1, 3908461.4,	74.1,	368.8,	0.0);	(167983.3, 3908463.7,	73.7,	368.8,	0.0);
(168007.5, 3908465.9,	73.4,	368.8,	0.0);	(168031.7, 3908468.2,	73.0,	368.8,	0.0);
(168055.9, 3908470.5,	72.7,	368.8,	0.0);	(168080.1, 3908472.8,	72.5,	368.8,	0.0);
(168104.4, 3908475.1,	72.3,	368.8,	0.0);	(168128.5, 3908477.4,	72.0,	368.8,	0.0);
(168136.8, 3908525.3,	72.8,	368.8,	0.0);	(168140.9, 3908549.3,	73.3,	368.8,	0.0);
(168145.0, 3908573.3,	73.5,	368.8,	0.0);	(168149.1, 3908597.3,	73.6,	368.8,	0.0);
(168153.2, 3908621.2,	73.9,	368.8,	0.0);	(168157.3, 3908645.2,	74.8,	368.8,	0.0);
(168161.4, 3908669.2,	76.0,	368.8,	0.0);	(168165.5, 3908693.2,	77.1,	368.8,	0.0);
(168169.6, 3908717.1,	78.2,	368.8,	0.0);	(168173.7, 3908741.1,	79.4,	368.8,	0.0);
(168177.8, 3908765.1,	80.9,	368.8,	0.0);	(168181.9, 3908789.1,	82.0,	368.8,	0.0);
(168186.0, 3908813.0,	82.6,	368.8,	0.0);	(168190.0, 3908837.0,	83.1,	368.8,	0.0);
(168194.1, 3908861.0,	83.6,	368.8,	0.0);	(168198.2, 3908885.0,	84.3,	368.8,	0.0);
(168202.3, 3908908.9,	85.1,	368.8,	0.0);	(168206.4, 3908932.9,	85.9,	368.8,	0.0);
(168210.5, 3908956.9,	86.5,	368.8,	0.0);	(168214.6, 3908980.9,	86.9,	368.8,	0.0);
(168218.7, 3909004.8,	87.0,	368.8,	0.0);	(168222.8, 3909028.8,	88.0,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(168226.9, 3909052.8,	89.3,	368.8,	0.0);	(167523.2, 3908420.2,	78.5,	368.8,	0.0);
(167502.3, 3908433.3,	77.6,	368.8,	0.0);	(167481.4, 3908446.3,	76.2,	368.8,	0.0);
(167460.5, 3908459.4,	75.4,	368.8,	0.0);	(167439.6, 3908472.5,	74.5,	368.8,	0.0);
(167418.7, 3908485.6,	73.7,	368.8,	0.0);	(167494.4, 3908337.7,	87.2,	368.8,	0.0);
(167518.6, 3908340.0,	85.8,	368.8,	0.0);	(167542.8, 3908342.3,	84.3,	368.8,	0.0);
(167567.0, 3908344.6,	82.8,	368.8,	0.0);	(167591.2, 3908346.9,	81.4,	368.8,	0.0);
(167615.4, 3908349.1,	80.2,	368.8,	0.0);	(167639.6, 3908351.4,	79.4,	368.8,	0.0);
(167663.9, 3908353.7,	78.5,	368.8,	0.0);	(167688.1, 3908356.0,	77.8,	368.8,	0.0);
(167712.3, 3908358.3,	77.3,	368.8,	0.0);	(167736.5, 3908360.6,	77.1,	368.8,	0.0);
(167760.7, 3908362.9,	76.9,	368.8,	0.0);	(167784.9, 3908365.2,	76.7,	368.8,	0.0);
(167809.1, 3908367.5,	76.4,	368.8,	0.0);	(167833.4, 3908369.8,	75.8,	368.8,	0.0);
(167857.6, 3908372.0,	75.2,	368.8,	0.0);	(167881.8, 3908374.3,	74.5,	368.8,	0.0);
(167906.0, 3908376.6,	74.0,	368.8,	0.0);	(167930.2, 3908378.9,	73.5,	368.8,	0.0);
(167954.4, 3908381.2,	73.2,	368.8,	0.0);	(167978.6, 3908383.5,	72.9,	368.8,	0.0);
(168002.9, 3908385.8,	72.6,	368.8,	0.0);	(168027.1, 3908388.1,	72.2,	368.8,	0.0);
(168051.3, 3908390.3,	71.9,	368.8,	0.0);	(168075.5, 3908392.6,	71.7,	368.8,	0.0);
(168099.7, 3908394.9,	71.5,	368.8,	0.0);	(168123.9, 3908397.2,	71.2,	368.8,	0.0);
(168148.1, 3908399.5,	71.0,	368.8,	0.0);	(168172.4, 3908401.8,	70.9,	368.8,	0.0);
(168200.7, 3908428.1,	71.3,	368.8,	0.0);	(168204.8, 3908452.0,	71.8,	368.8,	0.0);
(168208.9, 3908476.0,	72.1,	368.8,	0.0);	(168213.0, 3908500.0,	72.6,	368.8,	0.0);
(168217.1, 3908524.0,	73.2,	368.8,	0.0);	(168221.2, 3908547.9,	73.8,	368.8,	0.0);
(168225.3, 3908571.9,	74.5,	368.8,	0.0);	(168229.4, 3908595.9,	75.1,	368.8,	0.0);
(168233.5, 3908619.8,	76.0,	368.8,	0.0);	(168237.6, 3908643.8,	77.1,	368.8,	0.0);
(168241.7, 3908667.8,	78.5,	368.8,	0.0);	(168245.8, 3908691.8,	80.0,	368.8,	0.0);
(168249.9, 3908715.8,	81.4,	368.8,	0.0);	(168254.0, 3908739.7,	82.7,	368.8,	0.0);
(168258.1, 3908763.7,	83.9,	368.8,	0.0);	(168262.2, 3908787.7,	84.9,	368.8,	0.0);
(168266.3, 3908811.6,	85.7,	368.8,	0.0);	(168270.4, 3908835.6,	86.2,	368.8,	0.0);
(168274.5, 3908859.6,	86.4,	368.8,	0.0);	(168278.5, 3908883.6,	86.3,	368.8,	0.0);
(168282.6, 3908907.5,	86.2,	368.8,	0.0);	(168286.8, 3908931.5,	86.8,	368.8,	0.0);
(168290.8, 3908955.5,	87.9,	368.8,	0.0);	(168294.9, 3908979.5,	89.2,	368.8,	0.0);
(168299.0, 3909003.4,	90.5,	368.8,	0.0);	(168303.1, 3909027.4,	91.6,	368.8,	0.0);
(168307.2, 3909051.4,	92.7,	368.8,	0.0);	(168311.3, 3909075.4,	93.6,	368.8,	0.0);
(168315.4, 3909099.3,	94.5,	368.8,	0.0);	(167470.1, 3908335.4,	87.9,	368.8,	0.0);
(167449.2, 3908348.5,	86.7,	368.8,	0.0);	(167428.3, 3908361.6,	85.0,	368.8,	0.0);
(167407.4, 3908374.7,	83.5,	368.8,	0.0);	(167386.5, 3908387.8,	82.7,	368.8,	0.0);
(167365.6, 3908400.8,	82.5,	368.8,	0.0);	(167441.3, 3908252.9,	91.9,	359.3,	0.0);
(167465.5, 3908255.2,	89.8,	368.8,	0.0);	(167489.7, 3908257.5,	87.7,	368.8,	0.0);
(167513.9, 3908259.8,	85.9,	368.8,	0.0);	(167538.1, 3908262.1,	84.9,	368.8,	0.0);
(167562.4, 3908264.4,	83.9,	368.8,	0.0);	(167586.6, 3908266.7,	82.9,	368.8,	0.0);
(167610.8, 3908269.0,	82.2,	368.8,	0.0);	(167635.0, 3908271.3,	81.5,	368.8,	0.0);
(167659.2, 3908273.5,	80.8,	368.8,	0.0);	(167683.4, 3908275.8,	80.0,	368.8,	0.0);
(167707.6, 3908278.1,	79.2,	368.8,	0.0);	(167731.9, 3908280.4,	78.5,	368.8,	0.0);
(167756.1, 3908282.7,	77.8,	368.8,	0.0);	(167780.3, 3908285.0,	77.1,	368.8,	0.0);
(167804.5, 3908287.3,	76.6,	368.8,	0.0);	(167828.7, 3908289.6,	76.1,	368.8,	0.0);
(167852.9, 3908291.9,	75.4,	368.8,	0.0);	(167877.1, 3908294.1,	74.6,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
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(167901.4, 3908296.4,	74.0,	368.8,	0.0);	(167925.6, 3908298.7,	73.5,	368.8,	0.0);
(167949.8, 3908301.0,	73.0,	368.8,	0.0);	(167974.0, 3908303.3,	72.5,	368.8,	0.0);
(167998.2, 3908305.6,	72.0,	368.8,	0.0);	(168022.4, 3908307.9,	71.5,	368.8,	0.0);
(168046.7, 3908310.2,	71.1,	368.8,	0.0);	(168070.9, 3908312.5,	70.8,	368.8,	0.0);
(168095.1, 3908314.8,	70.5,	368.8,	0.0);	(168119.3, 3908317.0,	70.2,	368.8,	0.0);
(168143.5, 3908319.3,	69.9,	368.8,	0.0);	(168167.7, 3908321.6,	69.7,	368.8,	0.0);
(168191.9, 3908323.9,	69.4,	368.8,	0.0);	(168216.2, 3908326.2,	69.8,	368.8,	0.0);
(168240.4, 3908328.5,	70.5,	368.8,	0.0);	(168268.7, 3908354.7,	72.0,	368.8,	0.0);
(168272.8, 3908378.7,	72.6,	368.8,	0.0);	(168276.9, 3908402.7,	73.1,	368.8,	0.0);
(168281.0, 3908426.7,	73.5,	368.8,	0.0);	(168285.1, 3908450.6,	73.4,	368.8,	0.0);
(168289.2, 3908474.6,	73.3,	368.8,	0.0);	(168293.3, 3908498.6,	73.5,	368.8,	0.0);
(168297.4, 3908522.6,	74.0,	368.8,	0.0);	(168301.5, 3908546.5,	74.9,	368.8,	0.0);
(168305.6, 3908570.5,	75.7,	368.8,	0.0);	(168309.7, 3908594.5,	76.6,	368.8,	0.0);
(168313.8, 3908618.5,	77.5,	368.8,	0.0);	(168317.9, 3908642.4,	78.6,	368.8,	0.0);
(168322.0, 3908666.4,	80.1,	368.8,	0.0);	(168326.1, 3908690.4,	82.0,	368.8,	0.0);
(168330.2, 3908714.4,	83.9,	368.8,	0.0);	(168334.3, 3908738.3,	85.4,	368.8,	0.0);
(168338.4, 3908762.3,	86.5,	368.8,	0.0);	(168342.5, 3908786.3,	87.0,	368.8,	0.0);
(168346.6, 3908810.3,	87.2,	368.8,	0.0);	(168350.7, 3908834.2,	87.5,	368.8,	0.0);
(168354.8, 3908858.2,	88.0,	368.8,	0.0);	(168358.9, 3908882.2,	88.5,	368.8,	0.0);
(168363.0, 3908906.2,	89.0,	368.8,	0.0);	(168367.0, 3908930.1,	90.0,	368.8,	0.0);
(168371.1, 3908954.1,	91.2,	368.8,	0.0);	(168375.2, 3908978.1,	92.3,	368.8,	0.0);
(168379.3, 3909002.1,	93.5,	368.8,	0.0);	(168383.4, 3909026.0,	94.8,	368.8,	0.0);
(168387.5, 3909050.0,	96.1,	368.8,	0.0);	(168391.6, 3909074.0,	97.4,	368.8,	0.0);
(168395.7, 3909098.0,	98.4,	368.8,	0.0);	(168399.8, 3909121.9,	99.1,	368.8,	0.0);
(168403.9, 3909145.9,	98.9,	368.8,	0.0);	(167417.1, 3908250.7,	93.8,	359.3,	0.0);
(167396.2, 3908263.8,	94.2,	359.3,	0.0);	(167375.3, 3908276.8,	94.1,	359.3,	0.0);
(167354.4, 3908289.9,	93.7,	359.3,	0.0);	(167333.5, 3908303.0,	93.9,	359.3,	0.0);
(167312.6, 3908316.1,	94.5,	359.3,	0.0);	(167640.1, 3908885.5,	71.5,	368.8,	0.0);
(167628.9, 3908906.1,	71.2,	368.8,	0.0);	(167617.7, 3908926.8,	70.5,	368.8,	0.0);
(167618.2, 3908873.5,	70.0,	368.8,	0.0);	(167606.9, 3908894.2,	69.8,	368.8,	0.0);
(167595.7, 3908914.8,	69.4,	368.8,	0.0);	(167584.5, 3908935.5,	68.0,	368.8,	0.0);
(167573.2, 3908956.1,	68.6,	368.8,	0.0);	(167607.8, 3908849.3,	68.6,	368.8,	0.0);
(167585.0, 3908882.3,	68.6,	368.8,	0.0);	(167573.7, 3908902.9,	68.3,	368.8,	0.0);
(167562.5, 3908923.6,	67.7,	368.8,	0.0);	(167551.3, 3908944.2,	67.5,	368.8,	0.0);
(167540.0, 3908964.9,	68.1,	368.8,	0.0);	(167528.8, 3908985.5,	68.3,	368.8,	0.0);
(167517.6, 3909006.2,	68.6,	368.8,	0.0);	(167506.3, 3909026.8,	68.8,	368.8,	0.0);
(167495.1, 3909047.5,	68.9,	368.8,	0.0);	(167565.3, 3908823.8,	67.1,	368.8,	0.0);
(167541.0, 3908858.4,	66.1,	368.8,	0.0);	(167529.8, 3908879.0,	65.6,	368.8,	0.0);
(167518.6, 3908899.7,	65.4,	368.8,	0.0);	(167507.3, 3908920.3,	65.4,	368.8,	0.0);
(167496.1, 3908941.0,	65.4,	368.8,	0.0);	(167484.9, 3908961.6,	65.5,	368.8,	0.0);
(167473.6, 3908982.3,	65.6,	368.8,	0.0);	(167462.4, 3909002.9,	65.8,	368.8,	0.0);
(167451.2, 3909023.6,	66.0,	368.8,	0.0);	(167439.9, 3909044.2,	66.2,	368.8,	0.0);
(167522.3, 3908799.0,	64.8,	368.8,	0.0);	(167550.1, 3908769.4,	66.3,	368.8,	0.0);
(167497.1, 3908834.5,	63.4,	368.8,	0.0);	(167485.9, 3908855.1,	62.9,	368.8,	0.0);
(167474.7, 3908875.8,	62.8,	368.8,	0.0);	(167463.4, 3908896.4,	62.7,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167452.2, 3908917.1,	62.6,	368.8,	0.0);	(167441.0, 3908937.7,	62.6,	368.8,	0.0);
(167429.7, 3908958.4,	62.6,	368.8,	0.0);	(167418.5, 3908979.0,	63.0,	368.8,	0.0);
(167407.3, 3908999.7,	63.4,	368.8,	0.0);	(167396.0, 3909020.3,	63.7,	368.8,	0.0);
(167384.8, 3909041.0,	63.8,	368.8,	0.0);	(167478.9, 3908774.5,	63.5,	368.8,	0.0);
(167507.9, 3908743.7,	65.0,	368.8,	0.0);	(167453.2, 3908810.6,	62.2,	368.8,	0.0);
(167442.0, 3908831.2,	61.7,	368.8,	0.0);	(167430.7, 3908851.9,	61.1,	368.8,	0.0);
(167419.5, 3908872.5,	61.0,	368.8,	0.0);	(167408.3, 3908893.2,	61.0,	368.8,	0.0);
(167397.0, 3908913.8,	61.1,	368.8,	0.0);	(167385.8, 3908934.5,	61.1,	368.8,	0.0);
(167374.6, 3908955.1,	61.2,	368.8,	0.0);	(167363.3, 3908975.8,	61.4,	368.8,	0.0);
(167352.1, 3908996.4,	61.7,	368.8,	0.0);	(167340.9, 3909017.1,	62.0,	368.8,	0.0);
(167435.4, 3908750.2,	62.7,	368.8,	0.0);	(167465.2, 3908718.5,	64.1,	368.8,	0.0);
(167495.0, 3908686.8,	65.7,	368.8,	0.0);	(167409.3, 3908786.7,	61.5,	368.8,	0.0);
(167398.0, 3908807.3,	61.1,	368.8,	0.0);	(167386.8, 3908828.0,	60.8,	368.8,	0.0);
(167375.6, 3908848.6,	60.3,	368.8,	0.0);	(167364.3, 3908869.3,	60.2,	368.8,	0.0);
(167353.1, 3908889.9,	60.2,	368.8,	0.0);	(167341.9, 3908910.6,	60.2,	368.8,	0.0);
(167330.6, 3908931.2,	60.2,	368.8,	0.0);	(167319.4, 3908951.9,	60.2,	368.8,	0.0);
(167308.2, 3908972.5,	60.6,	368.8,	0.0);	(167296.9, 3908993.2,	60.9,	368.8,	0.0);
(167348.1, 3908701.8,	63.3,	368.8,	0.0);	(167379.0, 3908668.9,	64.8,	368.8,	0.0);
(167394.5, 3908652.5,	65.7,	368.8,	0.0);	(167410.0, 3908636.1,	66.6,	368.8,	0.0);
(167440.9, 3908603.2,	67.6,	368.8,	0.0);	(167456.3, 3908586.8,	68.5,	368.8,	0.0);
(167332.7, 3908718.2,	62.6,	368.8,	0.0);	(167321.4, 3908738.9,	61.6,	368.8,	0.0);
(167310.2, 3908759.5,	60.9,	368.8,	0.0);	(167299.0, 3908780.2,	60.4,	368.8,	0.0);
(167287.7, 3908800.8,	59.9,	368.8,	0.0);	(167276.5, 3908821.5,	59.4,	368.8,	0.0);
(167265.3, 3908842.1,	58.9,	368.8,	0.0);	(167254.0, 3908862.8,	58.5,	368.8,	0.0);
(167242.8, 3908883.5,	58.3,	368.8,	0.0);	(167231.6, 3908904.1,	58.2,	368.8,	0.0);
(167220.3, 3908924.8,	58.2,	368.8,	0.0);	(167209.1, 3908945.4,	58.5,	368.8,	0.0);
(167260.6, 3908653.7,	66.2,	368.8,	0.0);	(167276.4, 3908636.8,	67.2,	368.8,	0.0);
(167292.2, 3908620.0,	68.3,	368.8,	0.0);	(167308.1, 3908603.2,	69.4,	368.8,	0.0);
(167323.9, 3908586.4,	70.2,	368.8,	0.0);	(167339.7, 3908569.6,	70.8,	368.8,	0.0);
(167355.5, 3908552.8,	71.5,	368.8,	0.0);	(167371.3, 3908536.0,	72.1,	368.8,	0.0);
(167387.1, 3908519.2,	72.6,	368.8,	0.0);	(167402.9, 3908502.4,	73.2,	368.8,	0.0);
(167244.8, 3908670.5,	65.4,	368.8,	0.0);	(167233.6, 3908691.1,	64.3,	368.8,	0.0);
(167222.4, 3908711.8,	63.3,	368.8,	0.0);	(167211.1, 3908732.4,	62.1,	368.8,	0.0);
(167199.9, 3908753.1,	61.0,	368.8,	0.0);	(167188.7, 3908773.7,	59.8,	368.8,	0.0);
(167177.4, 3908794.4,	58.7,	368.8,	0.0);	(167166.2, 3908815.0,	57.6,	368.8,	0.0);
(167155.0, 3908835.7,	56.7,	368.8,	0.0);	(167143.7, 3908856.3,	55.9,	368.8,	0.0);
(167132.5, 3908877.0,	55.8,	368.8,	0.0);	(167121.3, 3908897.6,	56.2,	368.8,	0.0);
(167173.0, 3908605.6,	68.8,	368.8,	0.0);	(167189.1, 3908588.5,	70.6,	368.8,	0.0);
(167205.1, 3908571.5,	72.3,	368.8,	0.0);	(167221.2, 3908554.4,	73.6,	368.8,	0.0);
(167237.2, 3908537.4,	75.1,	368.8,	0.0);	(167253.3, 3908520.3,	76.3,	368.8,	0.0);
(167269.3, 3908503.2,	77.6,	368.8,	0.0);	(167285.4, 3908486.2,	78.7,	368.8,	0.0);
(167301.4, 3908469.1,	79.9,	368.8,	0.0);	(167317.5, 3908452.0,	80.7,	368.8,	0.0);
(167333.5, 3908435.0,	81.5,	368.8,	0.0);	(167349.6, 3908417.9,	82.1,	368.8,	0.0);
(167157.0, 3908622.7,	67.0,	368.8,	0.0);	(167145.8, 3908643.3,	64.6,	368.8,	0.0);
(167134.5, 3908664.0,	62.9,	368.8,	0.0);	(167123.3, 3908684.6,	61.5,	368.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(167112.0, 3908705.3, 60.7, 368.8, 0.0);	(167100.8, 3908725.9, 59.9, 368.8, 0.0);
(167089.6, 3908746.6, 59.1, 368.8, 0.0);	(167078.3, 3908767.2, 57.9, 368.8, 0.0);
(167067.1, 3908787.9, 56.9, 368.8, 0.0);	(167055.9, 3908808.5, 55.9, 368.8, 0.0);
(167044.6, 3908829.2, 54.9, 368.8, 0.0);	(167033.4, 3908849.8, 54.7, 368.8, 0.0);
(167084.4, 3908558.7, 74.0, 368.8, 0.0);	(167114.8, 3908526.4, 77.8, 368.8, 0.0);
(167145.2, 3908494.0, 82.3, 368.8, 0.0);	(167175.6, 3908461.7, 84.4, 368.8, 0.0);
(167206.1, 3908429.3, 88.2, 368.8, 0.0);	(167236.5, 3908397.0, 91.8, 359.3, 0.0);
(167266.9, 3908364.6, 93.8, 359.3, 0.0);	(167057.9, 3908595.5, 67.8, 368.8, 0.0);
(167046.7, 3908616.2, 64.9, 368.8, 0.0);	(167035.4, 3908636.8, 62.6, 368.8, 0.0);
(167024.2, 3908657.5, 61.1, 368.8, 0.0);	(167013.0, 3908678.1, 60.2, 368.8, 0.0);
(167001.7, 3908698.8, 59.4, 368.8, 0.0);	(166990.5, 3908719.4, 58.6, 368.8, 0.0);
(166979.3, 3908740.1, 57.9, 368.8, 0.0);	(166968.0, 3908760.8, 57.1, 368.8, 0.0);
(166956.8, 3908781.4, 56.3, 368.8, 0.0);	(166945.6, 3908802.0, 54.9, 368.8, 0.0);
(167371.9, 3909070.6, 64.2, 368.8, 0.0);	(167324.5, 3909054.7, 62.8, 368.8, 0.0);
(167277.1, 3909038.8, 61.7, 368.8, 0.0);	(167287.0, 3909016.0, 61.3, 368.8, 0.0);
(167182.3, 3909007.1, 60.2, 368.8, 0.0);	(167192.3, 3908983.9, 59.5, 368.8, 0.0);
(167087.4, 3908975.3, 58.1, 368.8, 0.0);	(167096.5, 3908954.6, 57.6, 368.8, 0.0);
(167106.6, 3908931.3, 57.1, 368.8, 0.0);	(166992.6, 3908943.6, 56.2, 368.8, 0.0);
(167001.7, 3908922.8, 55.8, 368.8, 0.0);	(167010.8, 3908901.9, 55.4, 368.8, 0.0);
(167019.8, 3908881.1, 55.3, 368.8, 0.0);	(166897.8, 3908911.8, 55.0, 368.8, 0.0);
(166906.9, 3908890.9, 54.4, 368.8, 0.0);	(166916.0, 3908870.0, 53.9, 368.8, 0.0);
(166925.1, 3908849.1, 53.5, 368.8, 0.0);	(166934.2, 3908828.2, 53.7, 368.8, 0.0);
(167363.0, 3909118.1, 65.1, 368.8, 0.0);	(167359.6, 3909162.6, 65.9, 368.8, 0.0);
(167359.6, 3909185.9, 66.3, 368.8, 0.0);	(167359.6, 3909209.2, 66.8, 368.8, 0.0);
(167359.6, 3909232.6, 67.4, 368.8, 0.0);	(167359.6, 3909255.9, 68.0, 368.8, 0.0);
(167312.8, 3909119.4, 64.3, 368.8, 0.0);	(167319.3, 3909079.8, 63.3, 368.8, 0.0);
(167309.6, 3909162.6, 65.1, 368.8, 0.0);	(167309.6, 3909185.9, 65.6, 368.8, 0.0);
(167309.6, 3909209.2, 66.1, 368.8, 0.0);	(167309.6, 3909232.6, 66.4, 368.8, 0.0);
(167309.6, 3909255.9, 66.9, 368.8, 0.0);	(167309.6, 3909279.2, 67.4, 368.8, 0.0);
(167262.7, 3909120.2, 63.8, 368.8, 0.0);	(167268.9, 3909082.2, 62.9, 368.8, 0.0);
(167259.6, 3909162.6, 64.6, 368.8, 0.0);	(167259.6, 3909185.9, 64.9, 368.8, 0.0);
(167259.6, 3909209.2, 65.2, 368.8, 0.0);	(167259.6, 3909232.6, 65.5, 368.8, 0.0);
(167259.6, 3909255.9, 65.8, 368.8, 0.0);	(167259.6, 3909279.2, 66.2, 368.8, 0.0);
(167163.0, 3909118.1, 62.5, 368.8, 0.0);	(167169.9, 3909075.8, 61.8, 368.8, 0.0);
(167176.8, 3909033.5, 61.0, 368.8, 0.0);	(167159.6, 3909162.6, 63.0, 368.8, 0.0);
(167159.6, 3909185.9, 63.2, 368.8, 0.0);	(167159.6, 3909209.2, 63.3, 368.8, 0.0);
(167159.6, 3909232.6, 63.4, 368.8, 0.0);	(167159.6, 3909255.9, 63.5, 368.8, 0.0);
(167159.6, 3909279.2, 63.7, 368.8, 0.0);	(167063.3, 3909116.6, 60.9, 368.8, 0.0);
(167066.9, 3909093.9, 60.6, 368.8, 0.0);	(167070.6, 3909071.3, 60.2, 368.8, 0.0);
(167074.3, 3909048.6, 59.8, 368.8, 0.0);	(167078.0, 3909026.0, 59.1, 368.8, 0.0);
(167081.7, 3909003.3, 58.7, 368.8, 0.0);	(167059.6, 3909139.3, 61.0, 368.8, 0.0);
(167059.6, 3909162.6, 61.1, 368.8, 0.0);	(167059.6, 3909185.9, 61.2, 368.8, 0.0);
(167059.6, 3909209.2, 61.1, 368.8, 0.0);	(167059.6, 3909232.6, 61.1, 368.8, 0.0);
(167059.6, 3909255.9, 61.3, 368.8, 0.0);	(167059.6, 3909279.2, 61.5, 368.8, 0.0);
(166963.0, 3909118.1, 58.7, 368.8, 0.0);	(166969.9, 3909075.8, 58.2, 368.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(166976.8, 3909033.5,	57.7,	368.8,	0.0);	(166983.7, 3908991.2,	57.2,	368.8,	0.0);
(166959.6, 3909162.6,	59.1,	368.8,	0.0);	(166959.6, 3909185.9,	59.3,	368.8,	0.0);
(166959.6, 3909209.2,	59.5,	368.8,	0.0);	(166959.6, 3909232.6,	59.7,	368.8,	0.0);
(166959.6, 3909255.9,	59.9,	368.8,	0.0);	(166959.6, 3909279.2,	60.2,	368.8,	0.0);
(166863.2, 3909117.1,	56.6,	368.8,	0.0);	(166866.8, 3909094.8,	56.6,	368.8,	0.0);
(166874.0, 3909050.4,	56.7,	368.8,	0.0);	(166877.6, 3909028.2,	56.9,	368.8,	0.0);
(166881.3, 3909006.0,	56.7,	368.8,	0.0);	(166884.9, 3908983.8,	56.4,	368.8,	0.0);
(166888.5, 3908961.6,	56.1,	368.8,	0.0);	(166859.6, 3909139.3,	56.7,	368.8,	0.0);
(166859.6, 3909162.6,	57.0,	368.8,	0.0);	(166859.6, 3909185.9,	57.6,	368.8,	0.0);
(166859.6, 3909209.2,	58.1,	368.8,	0.0);	(166859.6, 3909232.6,	58.7,	368.8,	0.0);
(166859.6, 3909255.9,	59.2,	368.8,	0.0);	(166859.6, 3909279.2,	59.6,	368.8,	0.0);
(167540.5, 3909215.8,	73.3,	368.8,	0.0);	(167541.6, 3909180.0,	72.7,	368.8,	0.0);
(167537.7, 3909150.0,	72.3,	368.8,	0.0);	(167536.3, 3909120.7,	72.2,	368.8,	0.0);
(167536.3, 3909106.6,	72.2,	368.8,	0.0);	(167534.6, 3909076.8,	71.7,	368.8,	0.0);
(167559.1, 3909104.9,	73.7,	368.8,	0.0);	(167557.4, 3909075.1,	73.0,	368.8,	0.0);
(167589.8, 3909052.2,	73.6,	368.8,	0.0);	(167615.3, 3909003.1,	72.4,	368.8,	0.0);
(167542.5, 3909053.1,	71.4,	368.8,	0.0);	(167566.2, 3909006.6,	70.7,	368.8,	0.0);
(167539.8, 3909198.5,	72.9,	368.8,	0.0);	(167537.1, 3909134.7,	72.3,	368.8,	0.0);
(167535.5, 3909092.7,	72.0,	368.8,	0.0);	(167558.4, 3909089.7,	73.5,	368.8,	0.0);
(167553.5, 3909032.1,	71.2,	368.8,	0.0);	(167602.0, 3909028.2,	73.0,	368.8,	0.0);

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 16<30 Age Bin Concentrations

*** 10/28/21
 *** 04:34:54
 *** PAGE 25

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 722897\722897.SFC
 Profile file: 722897\722897.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93206
 Name: SLO_REGIONAL_AIRPORT
 Year: 2009

Upper air station no.: 93214
 Name: UNKNOWN
 Year: 2009

Met Version: 14134

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
09	01	01	1	01	-9.7	0.093	-9.000	-9.000	-999.	68.	7.6	0.02	0.96	1.00	2.86	291.	10.0	284.2	2.0			
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	280.9	2.0			
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.8	2.0			
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.0	2.0			
09	01	01	1	06	-6.0	0.072	-9.000	-9.000	-999.	46.	5.6	0.01	0.96	1.00	2.36	92.	10.0	279.9	2.0			
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	279.2	2.0			
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	0.64	0.00	0.	10.0	279.9	2.0			
09	01	01	1	09	10.9	-9.000	-9.000	-9.000	42.	-999.	-99999.0	0.02	0.96	0.35	0.00	0.	10.0	285.4	2.0			
09	01	01	1	10	60.1	-9.000	-9.000	-9.000	125.	-999.	-99999.0	0.02	0.96	0.25	0.00	0.	10.0	288.8	2.0			
09	01	01	1	11	96.1	0.345	0.796	0.010	189.	485.	-38.4	0.04	0.96	0.22	4.36	334.	10.0	290.9	2.0			
09	01	01	1	12	115.9	0.315	0.989	0.011	301.	425.	-24.3	0.04	0.96	0.21	3.86	326.	10.0	293.1	2.0			
09	01	01	1	13	117.4	0.522	1.109	0.009	419.	904.	-108.9	0.04	0.96	0.21	6.96	333.	10.0	292.5	2.0			
09	01	01	1	14	102.4	0.587	1.115	0.011	487.	1078.	-177.7	0.04	0.96	0.22	7.96	329.	10.0	293.8	2.0			
09	01	01	1	15	70.3	0.548	0.988	0.010	494.	976.	-210.4	0.04	0.96	0.24	7.46	332.	10.0	293.8	2.0			
09	01	01	1	16	23.1	0.504	0.683	0.008	495.	860.	-496.9	0.04	0.96	0.32	6.96	314.	10.0	291.1	2.0			
09	01	01	1	17	-49.6	0.552	-9.000	-9.000	-999.	984.	305.4	0.04	0.96	0.56	7.96	301.	10.0	287.0	2.0			
09	01	01	1	18	-39.0	0.351	-9.000	-9.000	-999.	537.	100.0	0.04	0.96	1.00	5.36	307.	10.0	285.9	2.0			
09	01	01	1	19	-44.0	0.397	-9.000	-9.000	-999.	599.	127.7	0.02	0.96	1.00	6.46	294.	10.0	286.4	2.0			
09	01	01	1	20	-31.2	0.282	-9.000	-9.000	-999.	367.	64.4	0.02	0.96	1.00	4.86	287.	10.0	286.4	2.0			
09	01	01	1	21	-6.0	0.072	-9.000	-9.000	-999.	124.	5.7	0.01	0.96	1.00	2.36	120.	10.0	284.1	2.0			
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	283.1	2.0			
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	282.1	2.0			
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	0.96	1.00	0.00	0.	10.0	281.1	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	291.	2.86	284.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167603.82	3909302.48	0.00044	167615.27	3909280.72	0.00042
167626.72	3909258.96	0.00038	167638.17	3909237.19	0.00031
167649.61	3909215.43	0.00025	167661.06	3909193.67	0.00022
167672.51	3909171.91	0.00021	167683.96	3909150.15	0.00022
167695.41	3909128.39	0.00036	167706.86	3909106.63	0.00107
167718.31	3909084.86	0.00204	167729.75	3909063.10	0.00269
167741.20	3909041.34	0.00294	167752.65	3909019.58	0.00291
167764.10	3908997.82	0.00273	167775.55	3908976.06	0.00249
167787.00	3908954.30	0.00226	167798.44	3908932.53	0.00203
167809.89	3908910.77	0.00183	167821.34	3908889.01	0.00165
167832.79	3908867.25	0.00150	167583.77	3909333.07	0.00046
167625.95	3909314.12	0.00041	167637.39	3909292.36	0.00039
167648.84	3909270.60	0.00036	167660.29	3909248.83	0.00030
167671.74	3909227.07	0.00027	167683.19	3909205.31	0.00027
167694.64	3909183.55	0.00026	167706.08	3909161.79	0.00027
167717.53	3909140.03	0.00034	167728.98	3909118.27	0.00066
167740.43	3909096.50	0.00128	167751.88	3909074.74	0.00194
167763.33	3909052.98	0.00241	167774.78	3909031.22	0.00261
167786.22	3909009.46	0.00261	167797.67	3908987.70	0.00249
167809.12	3908965.94	0.00231	167820.57	3908944.17	0.00212
167832.02	3908922.41	0.00193	167843.47	3908900.65	0.00173
167854.92	3908878.89	0.00158	167610.58	3909342.60	0.00042
167554.34	3909367.86	0.00051	167648.07	3909325.76	0.00038
167659.52	3909304.00	0.00036	167670.97	3909282.24	0.00032
167682.42	3909260.47	0.00029	167693.86	3909238.71	0.00030
167705.31	3909216.95	0.00033	167716.76	3909195.19	0.00032
167728.21	3909173.43	0.00033	167739.66	3909151.67	0.00038
167751.11	3909129.91	0.00054	167762.56	3909108.14	0.00089
167774.00	3909086.38	0.00133	167785.45	3909064.62	0.00178
167796.90	3909042.86	0.00211	167808.35	3909021.10	0.00226
167819.80	3908999.34	0.00228	167831.25	3908977.57	0.00220
167842.69	3908955.81	0.00206	167854.14	3908934.05	0.00182
167865.59	3908912.29	0.00161	167877.04	3908890.53	0.00145
167671.23	3909358.51	0.00030	167650.14	3909367.98	0.00035
167629.05	3909377.46	0.00037	167607.96	3909386.93	0.00037
167586.87	3909396.40	0.00038	167565.78	3909405.88	0.00041
167544.69	3909415.35	0.00045	167692.32	3909349.04	0.00025
167703.77	3909327.28	0.00025	167715.22	3909305.52	0.00028
167726.67	3909283.75	0.00033	167738.11	3909261.99	0.00037
167749.56	3909240.23	0.00038	167761.01	3909218.47	0.00036

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167772.46	3909196.71	0.00037	167783.91	3909174.95	0.00040
167795.36	3909153.18	0.00045	167806.81	3909131.42	0.00055
167818.25	3909109.66	0.00074	167829.70	3909087.90	0.00096
167841.15	3909066.14	0.00119	167852.60	3909044.38	0.00140
167864.05	3909022.62	0.00155	167875.50	3909000.85	0.00152
167886.94	3908979.09	0.00122	167898.39	3908957.33	0.00115
167909.84	3908935.57	0.00119	167921.29	3908913.81	0.00132
167716.12	3909381.50	0.00011	167675.22	3909399.88	0.00021
167634.32	3909418.25	0.00032	167593.41	3909436.62	0.00033
167552.51	3909454.99	0.00038	167387.21	3909314.50	0.00108
167373.39	3909296.85	0.00112	167748.02	3909350.56	0.00010
167759.47	3909328.79	0.00013	167770.92	3909307.03	0.00019
167782.36	3909285.27	0.00024	167793.81	3909263.51	0.00030
167805.26	3909241.75	0.00034	167816.71	3909219.99	0.00036
167828.16	3909198.23	0.00037	167839.61	3909176.46	0.00040
167851.06	3909154.70	0.00043	167862.50	3909132.94	0.00050
167873.95	3909111.18	0.00060	167885.40	3909089.42	0.00072
167896.85	3909067.66	0.00084	167908.30	3909045.90	0.00094
167919.75	3909024.13	0.00102	167931.19	3909002.37	0.00109
167942.64	3908980.61	0.00115	167954.09	3908958.85	0.00121
167965.54	3908937.09	0.00125	167759.19	3909405.31	0.00004
167737.56	3909415.03	0.00005	167715.93	3909424.75	0.00007
167694.30	3909434.46	0.00012	167672.67	3909444.18	0.00020
167651.04	3909453.89	0.00026	167629.41	3909463.61	0.00028
167607.78	3909473.33	0.00029	167586.14	3909483.04	0.00030
167564.51	3909492.76	0.00032	167542.88	3909502.47	0.00034
167521.25	3909512.19	0.00037	167411.91	3909409.89	0.00072
167397.29	3909391.22	0.00079	167382.67	3909372.55	0.00087
167368.05	3909353.88	0.00095	167353.43	3909335.21	0.00102
167338.81	3909316.54	0.00106	167324.19	3909297.87	0.00106
167780.82	3909395.60	0.00004	167792.27	3909373.84	0.00004
167803.72	3909352.07	0.00005	167815.17	3909330.31	0.00006
167826.61	3909308.55	0.00009	167838.06	3909286.79	0.00016
167849.51	3909265.03	0.00020	167860.96	3909243.27	0.00019
167872.41	3909221.51	0.00020	167883.86	3909199.74	0.00024
167895.31	3909177.98	0.00027	167906.75	3909156.22	0.00032
167918.20	3909134.46	0.00039	167929.65	3909112.70	0.00046
167941.10	3909090.94	0.00054	167952.55	3909069.17	0.00061
167964.00	3909047.41	0.00067	167975.44	3909025.65	0.00074
167986.89	3909003.89	0.00082	167998.34	3908982.13	0.00090

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168009.79	3908960.37	0.00097	167803.98	3909428.35	0.00004
167782.89	3909437.82	0.00003	167761.80	3909447.30	0.00003
167740.71	3909456.77	0.00004	167719.62	3909466.24	0.00007
167698.53	3909475.72	0.00013	167677.44	3909485.19	0.00019
167656.35	3909494.66	0.00023	167635.26	3909504.14	0.00025
167614.17	3909513.61	0.00026	167593.08	3909523.08	0.00027
167571.99	3909532.55	0.00028	167550.90	3909542.03	0.00029
167529.81	3909551.50	0.00031	167508.72	3909560.97	0.00034
167416.36	3909479.43	0.00058	167402.11	3909461.23	0.00062
167387.86	3909443.03	0.00066	167373.60	3909424.82	0.00071
167359.35	3909406.62	0.00077	167345.09	3909388.42	0.00085
167330.84	3909370.21	0.00092	167316.59	3909352.01	0.00097
167302.33	3909333.81	0.00100	167288.08	3909315.61	0.00099
167273.82	3909297.40	0.00095	167825.07	3909418.88	0.00004
167836.52	3909397.12	0.00004	167847.97	3909375.35	0.00004
167859.42	3909353.59	0.00004	167870.86	3909331.83	0.00006
167882.31	3909310.07	0.00006	167893.76	3909288.31	0.00006
167905.21	3909266.55	0.00007	167916.66	3909244.78	0.00007
167928.11	3909223.02	0.00009	167939.56	3909201.26	0.00012
167951.00	3909179.50	0.00017	167962.45	3909157.74	0.00022
167973.90	3909135.98	0.00028	167985.35	3909114.22	0.00034
167996.80	3909092.45	0.00041	168008.25	3909070.69	0.00047
168019.69	3909048.93	0.00052	168031.14	3909027.17	0.00058
168042.59	3909005.41	0.00064	168054.04	3908983.65	0.00070
167892.15	3909475.06	0.00004	167870.72	3909484.68	0.00004
167849.30	3909494.31	0.00003	167827.87	3909503.93	0.00003
167806.45	3909513.55	0.00003	167785.02	3909523.18	0.00003
167763.60	3909532.80	0.00003	167742.17	3909542.42	0.00005
167720.75	3909552.05	0.00008	167699.32	3909561.67	0.00013
167677.90	3909571.29	0.00016	167656.48	3909580.92	0.00018
167635.05	3909590.54	0.00020	167613.63	3909600.17	0.00021
167592.20	3909609.79	0.00021	167570.78	3909619.41	0.00022
167549.35	3909629.04	0.00023	167527.93	3909638.66	0.00025
167518.00	3909600.16	0.00029	167385.29	3909619.12	0.00038
167391.25	3909575.07	0.00043	167376.77	3909556.58	0.00046
167362.29	3909538.09	0.00050	167347.81	3909519.59	0.00053
167333.33	3909501.10	0.00057	167318.85	3909482.61	0.00061
167304.37	3909464.12	0.00066	167289.89	3909445.63	0.00072
167275.41	3909427.14	0.00077	167260.93	3909408.64	0.00082
167246.45	3909390.15	0.00085	167231.97	3909371.66	0.00086

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167217.49	3909353.17	0.00085	167203.01	3909334.68	0.00082
167188.53	3909316.18	0.00078	167174.05	3909297.69	0.00073
167913.57	3909465.44	0.00004	167925.02	3909443.67	0.00004
167936.47	3909421.91	0.00004	167947.92	3909400.15	0.00004
167959.36	3909378.39	0.00004	167970.81	3909356.63	0.00004
167982.26	3909334.87	0.00004	167993.71	3909313.11	0.00005
168005.16	3909291.34	0.00005	168016.61	3909269.58	0.00006
168028.06	3909247.82	0.00008	168039.50	3909226.06	0.00011
168050.95	3909204.30	0.00013	168062.40	3909182.54	0.00015
168073.85	3909160.77	0.00018	168085.30	3909139.01	0.00022
168096.75	3909117.25	0.00025	168108.19	3909095.49	0.00029
168119.64	3909073.73	0.00033	168131.09	3909051.97	0.00037
168142.54	3909030.21	0.00040	167980.44	3909521.71	0.00004
167958.81	3909531.43	0.00004	167937.18	3909541.14	0.00004
167915.55	3909550.86	0.00003	167893.92	3909560.58	0.00003
167872.29	3909570.29	0.00003	167850.66	3909580.01	0.00003
167829.03	3909589.72	0.00003	167807.39	3909599.44	0.00003
167785.76	3909609.16	0.00004	167764.13	3909618.87	0.00006
167742.50	3909628.59	0.00008	167720.87	3909638.30	0.00011
167699.24	3909648.02	0.00013	167677.61	3909657.74	0.00015
167655.98	3909667.45	0.00017	167634.35	3909677.17	0.00018
167612.72	3909686.88	0.00018	167591.09	3909696.60	0.00019
167569.46	3909706.32	0.00020	167547.83	3909716.03	0.00021
167482.94	3909745.18	0.00023	167461.31	3909754.90	0.00023
167425.06	3909745.94	0.00024	167410.44	3909727.27	0.00026
167395.82	3909708.60	0.00028	167381.20	3909689.93	0.00030
167366.58	3909671.26	0.00032	167351.96	3909652.59	0.00035
167337.34	3909633.92	0.00037	167322.72	3909615.25	0.00040
167308.10	3909596.58	0.00043	167293.48	3909577.92	0.00045
167278.86	3909559.25	0.00049	167264.24	3909540.58	0.00052
167249.62	3909521.91	0.00056	167235.00	3909503.24	0.00061
167220.38	3909484.57	0.00065	167205.76	3909465.90	0.00069
167191.14	3909447.23	0.00072	167176.53	3909428.56	0.00074
167161.91	3909409.89	0.00074	167147.29	3909391.22	0.00073
167132.67	3909372.55	0.00071	167118.05	3909353.88	0.00068
167103.43	3909335.21	0.00064	167088.81	3909316.54	0.00060
167074.19	3909297.87	0.00056	168002.07	3909511.99	0.00004
168013.52	3909490.23	0.00004	168024.97	3909468.47	0.00004
168036.42	3909446.71	0.00004	168047.86	3909424.95	0.00004
168059.31	3909403.19	0.00004	168070.76	3909381.43	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168082.21	3909359.66	0.00004	168093.66	3909337.90	0.00005
168105.11	3909316.14	0.00006	168116.56	3909294.38	0.00008
168128.00	3909272.62	0.00010	168139.45	3909250.86	0.00012
168150.90	3909229.10	0.00014	168162.35	3909207.33	0.00014
168173.80	3909185.57	0.00016	168185.25	3909163.81	0.00017
168196.69	3909142.05	0.00019	168208.14	3909120.29	0.00020
168219.59	3909098.53	0.00022	168231.04	3909076.76	0.00025
168068.80	3909568.33	0.00004	168047.03	3909578.11	0.00004
168025.26	3909587.89	0.00004	168003.49	3909597.67	0.00004
167981.72	3909607.45	0.00004	167959.95	3909617.23	0.00003
167938.18	3909627.00	0.00003	167916.41	3909636.78	0.00003
167894.64	3909646.56	0.00003	167872.87	3909656.34	0.00003
167851.10	3909666.12	0.00004	167829.33	3909675.90	0.00005
167807.56	3909685.68	0.00007	167785.79	3909695.46	0.00009
167764.02	3909705.23	0.00010	167742.25	3909715.01	0.00011
167720.48	3909724.79	0.00013	167698.71	3909734.57	0.00014
167676.94	3909744.35	0.00015	167655.17	3909754.13	0.00016
167633.40	3909763.91	0.00017	167611.63	3909773.69	0.00018
167524.55	3909812.80	0.00019	167502.78	3909822.58	0.00018
167481.01	3909832.36	0.00018	167459.24	3909842.14	0.00018
167437.47	3909851.92	0.00018	167400.98	3909842.90	0.00019
167386.27	3909824.11	0.00021	167371.55	3909805.32	0.00022
167356.84	3909786.53	0.00023	167342.13	3909767.74	0.00025
167327.41	3909748.95	0.00027	167312.70	3909730.16	0.00029
167297.99	3909711.37	0.00031	167283.27	3909692.58	0.00033
167268.56	3909673.79	0.00035	167253.84	3909655.00	0.00037
167239.13	3909636.21	0.00039	167224.42	3909617.42	0.00042
167209.70	3909598.63	0.00045	167194.99	3909579.84	0.00048
167180.28	3909561.05	0.00052	167165.56	3909542.26	0.00055
167150.85	3909523.47	0.00059	167136.13	3909504.68	0.00061
167121.42	3909485.89	0.00063	167106.71	3909467.10	0.00064
167091.99	3909448.31	0.00064	167077.28	3909429.52	0.00064
167062.57	3909410.73	0.00062	167047.85	3909391.94	0.00060
167033.14	3909373.15	0.00057	167018.42	3909354.36	0.00054
167003.71	3909335.57	0.00050	166989.00	3909316.78	0.00047
166974.28	3909297.99	0.00044	168090.57	3909558.55	0.00004
168102.02	3909536.79	0.00004	168113.47	3909515.03	0.00004
168124.92	3909493.27	0.00004	168136.36	3909471.51	0.00004
168147.81	3909449.75	0.00004	168159.26	3909427.98	0.00004
168170.71	3909406.22	0.00005	168182.16	3909384.46	0.00006

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168193.61	3909362.70	0.00006	168205.06	3909340.94	0.00007
168216.50	3909319.18	0.00008	168227.95	3909297.42	0.00009
168239.40	3909275.65	0.00010	168250.85	3909253.89	0.00011
168262.30	3909232.13	0.00011	168273.75	3909210.37	0.00012
168285.19	3909188.61	0.00013	168296.64	3909166.85	0.00014
168308.09	3909145.09	0.00015	168319.54	3909123.32	0.00016
168157.20	3909614.94	0.00005	168135.33	3909624.76	0.00006
168113.46	3909634.58	0.00006	168091.59	3909644.41	0.00007
168069.72	3909654.23	0.00007	168047.84	3909664.06	0.00007
168025.97	3909673.88	0.00007	168004.10	3909683.70	0.00007
167982.23	3909693.53	0.00007	167960.36	3909703.35	0.00007
167938.49	3909713.18	0.00006	167916.62	3909723.00	0.00007
167894.75	3909732.82	0.00007	167872.88	3909742.65	0.00007
167851.01	3909752.47	0.00007	167829.14	3909762.30	0.00008
167807.26	3909772.12	0.00009	167785.39	3909781.94	0.00010
167763.52	3909791.77	0.00011	167741.65	3909801.59	0.00012
167719.78	3909811.42	0.00013	167697.91	3909821.24	0.00014
167676.04	3909831.07	0.00015	167654.17	3909840.89	0.00016
167566.68	3909880.19	0.00016	167544.81	3909890.01	0.00016
167522.94	3909899.83	0.00016	167501.07	3909909.66	0.00015
167479.20	3909919.48	0.00015	167457.33	3909929.31	0.00015
167435.46	3909939.13	0.00015	167413.59	3909948.95	0.00015
167376.93	3909939.90	0.00016	167362.15	3909921.02	0.00017
167347.37	3909902.15	0.00018	167332.59	3909883.27	0.00019
167317.81	3909864.39	0.00021	167303.03	3909845.51	0.00022
167288.24	3909826.64	0.00023	167273.46	3909807.76	0.00025
167258.68	3909788.88	0.00026	167243.90	3909770.01	0.00028
167229.12	3909751.13	0.00030	167214.33	3909732.25	0.00031
167199.55	3909713.37	0.00033	167184.77	3909694.50	0.00035
167169.99	3909675.62	0.00037	167155.21	3909656.74	0.00039
167140.43	3909637.87	0.00041	167125.64	3909618.99	0.00044
167110.86	3909600.11	0.00047	167096.08	3909581.23	0.00050
167081.30	3909562.36	0.00052	167066.52	3909543.48	0.00054
167051.73	3909524.60	0.00056	167036.95	3909505.73	0.00056
167022.17	3909486.85	0.00056	167007.39	3909467.97	0.00056
166992.61	3909449.09	0.00054	166977.82	3909430.22	0.00053
166963.04	3909411.34	0.00050	166948.26	3909392.46	0.00048
166933.48	3909373.59	0.00046	166918.70	3909354.71	0.00043
166903.92	3909335.83	0.00040	166889.13	3909316.95	0.00038
166874.35	3909298.08	0.00035	168179.07	3909605.11	0.00005

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168190.52	3909583.35	0.00005	168201.97	3909561.59	0.00004
168213.42	3909539.83	0.00004	168224.86	3909518.07	0.00005
168236.31	3909496.31	0.00005	168247.76	3909474.54	0.00005
168259.21	3909452.78	0.00005	168270.66	3909431.02	0.00005
168282.11	3909409.26	0.00005	168293.56	3909387.50	0.00006
168305.00	3909365.74	0.00006	168316.45	3909343.97	0.00006
168327.90	3909322.21	0.00007	168339.35	3909300.45	0.00007
168350.80	3909278.69	0.00008	168362.25	3909256.93	0.00008
168373.69	3909235.17	0.00009	168385.14	3909213.41	0.00009
168396.59	3909191.64	0.00010	168408.04	3909169.88	0.00011
167787.00	3908808.03	0.00111	167754.38	3908835.86	0.00111
167733.48	3908848.95	0.00106	167712.58	3908862.03	0.00096
167691.68	3908875.12	0.00084	167670.78	3908888.20	0.00071
167762.01	3908801.59	0.00091	167741.11	3908814.67	0.00087
167720.21	3908827.76	0.00081	167699.31	3908840.84	0.00073
167678.41	3908853.93	0.00064	167657.52	3908867.01	0.00054
167794.14	3908784.69	0.00098	167816.84	3908786.84	0.00111
167748.74	3908780.40	0.00074	167727.84	3908793.49	0.00069
167706.94	3908806.57	0.00064	167686.05	3908819.65	0.00057
167665.15	3908832.74	0.00049	167644.25	3908845.82	0.00042
167783.90	3908763.79	0.00083	167808.12	3908766.08	0.00095
167868.84	3908842.58	0.00134	167735.47	3908759.21	0.00062
167714.58	3908772.30	0.00057	167693.68	3908785.38	0.00051
167672.78	3908798.46	0.00045	167651.88	3908811.55	0.00040
167630.98	3908824.63	0.00034	167731.64	3908718.98	0.00051
167754.34	3908721.12	0.00060	167777.04	3908723.27	0.00068
167799.75	3908725.42	0.00076	167822.45	3908727.56	0.00085
167845.15	3908729.71	0.00090	167902.08	3908801.43	0.00117
167905.92	3908823.90	0.00127	167909.76	3908846.38	0.00136
167913.61	3908868.86	0.00140	167917.45	3908891.33	0.00136
167708.94	3908716.83	0.00044	167688.04	3908729.92	0.00039
167667.14	3908743.00	0.00035	167646.25	3908756.08	0.00031
167625.35	3908769.17	0.00028	167604.45	3908782.25	0.00025
167706.62	3908676.74	0.00038	167730.84	3908679.03	0.00044
167755.05	3908681.32	0.00051	167779.27	3908683.61	0.00059
167803.48	3908685.90	0.00067	167827.70	3908688.19	0.00074
167851.91	3908690.47	0.00077	167876.12	3908692.76	0.00079
167900.34	3908695.05	0.00081	167936.85	3908769.26	0.00109
167940.95	3908793.24	0.00117	167945.05	3908817.21	0.00126
167949.15	3908841.19	0.00132	167953.24	3908865.16	0.00136

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167957.34	3908889.14	0.00135	167961.44	3908913.11	0.00132
167682.41	3908674.45	0.00032	167661.51	3908687.54	0.00029
167640.61	3908700.62	0.00026	167619.71	3908713.71	0.00023
167598.82	3908726.79	0.00021	167577.92	3908739.87	0.00019
167679.16	3908634.27	0.00028	167702.44	3908636.48	0.00032
167725.72	3908638.68	0.00038	167749.01	3908640.88	0.00043
167772.29	3908643.08	0.00049	167795.57	3908645.28	0.00055
167818.86	3908647.48	0.00061	167842.14	3908649.68	0.00064
167865.42	3908651.88	0.00066	167888.71	3908654.08	0.00067
167911.99	3908656.28	0.00069	167935.27	3908658.48	0.00071
167974.32	3908752.89	0.00107	167978.26	3908775.95	0.00113
167982.20	3908799.00	0.00119	167986.14	3908822.05	0.00123
167990.09	3908845.10	0.00125	167994.03	3908868.16	0.00125
167997.97	3908891.21	0.00122	168001.91	3908914.26	0.00117
168005.85	3908937.31	0.00108	167655.87	3908632.07	0.00024
167634.98	3908645.16	0.00022	167614.08	3908658.24	0.00020
167593.18	3908671.33	0.00019	167572.28	3908684.41	0.00017
167551.38	3908697.49	0.00015	167653.56	3908591.98	0.00022
167677.77	3908594.27	0.00025	167701.99	3908596.56	0.00029
167726.20	3908598.85	0.00033	167750.41	3908601.14	0.00038
167774.63	3908603.43	0.00043	167798.84	3908605.72	0.00048
167823.06	3908608.00	0.00053	167847.27	3908610.29	0.00056
167871.49	3908612.58	0.00057	167895.70	3908614.87	0.00058
167919.92	3908617.16	0.00060	167944.13	3908619.45	0.00061
167968.35	3908621.74	0.00066	167996.66	3908648.00	0.00079
168000.76	3908671.98	0.00086	168004.86	3908695.95	0.00093
168008.96	3908719.92	0.00099	168013.05	3908743.90	0.00105
168017.15	3908767.87	0.00110	168021.25	3908791.85	0.00113
168025.35	3908815.82	0.00115	168029.45	3908839.80	0.00116
168033.55	3908863.77	0.00114	168037.65	3908887.75	0.00109
168041.74	3908911.72	0.00102	168045.84	3908935.70	0.00093
168049.94	3908959.67	0.00082	167629.34	3908589.69	0.00019
167608.44	3908602.78	0.00018	167587.55	3908615.86	0.00017
167566.65	3908628.95	0.00015	167545.75	3908642.03	0.00014
167524.85	3908655.11	0.00013	167600.49	3908507.23	0.00015
167624.70	3908509.51	0.00017	167648.92	3908511.80	0.00018
167673.13	3908514.09	0.00020	167697.35	3908516.38	0.00022
167721.56	3908518.67	0.00025	167745.78	3908520.96	0.00028
167769.99	3908523.25	0.00032	167794.21	3908525.54	0.00036
167818.42	3908527.82	0.00040	167842.64	3908530.11	0.00043

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167866.85	3908532.40	0.00046	167891.07	3908534.69	0.00049
167915.28	3908536.98	0.00052	167939.49	3908539.27	0.00054
167963.71	3908541.56	0.00056	167987.92	3908543.84	0.00056
168012.14	3908546.13	0.00057	168036.35	3908548.42	0.00058
168064.67	3908574.69	0.00063	168068.77	3908598.66	0.00069
168072.86	3908622.64	0.00075	168076.96	3908646.61	0.00080
168081.06	3908670.58	0.00085	168085.16	3908694.56	0.00090
168089.26	3908718.53	0.00096	168093.36	3908742.51	0.00099
168097.46	3908766.48	0.00099	168101.55	3908790.46	0.00099
168105.65	3908814.43	0.00097	168109.75	3908838.41	0.00094
168113.85	3908862.38	0.00090	168117.95	3908886.36	0.00084
168122.05	3908910.33	0.00077	168126.15	3908934.31	0.00068
168130.24	3908958.28	0.00060	168134.34	3908982.26	0.00052
168138.44	3909006.23	0.00046	167576.28	3908504.94	0.00014
167555.38	3908518.02	0.00013	167534.48	3908531.10	0.00012
167513.58	3908544.19	0.00011	167492.68	3908557.27	0.00010
167471.79	3908570.36	0.00010	167547.42	3908422.47	0.00012
167571.64	3908424.76	0.00013	167595.85	3908427.04	0.00014
167620.07	3908429.33	0.00015	167644.28	3908431.62	0.00016
167668.50	3908433.91	0.00017	167692.71	3908436.20	0.00019
167716.93	3908438.49	0.00020	167741.14	3908440.78	0.00022
167765.36	3908443.07	0.00025	167789.57	3908445.35	0.00027
167813.78	3908447.64	0.00030	167838.00	3908449.93	0.00032
167862.21	3908452.22	0.00035	167886.43	3908454.51	0.00037
167910.64	3908456.80	0.00039	167934.86	3908459.09	0.00041
167959.07	3908461.38	0.00042	167983.29	3908463.66	0.00044
168007.50	3908465.95	0.00045	168031.72	3908468.24	0.00046
168055.93	3908470.53	0.00047	168080.15	3908472.82	0.00048
168104.36	3908475.11	0.00048	168132.67	3908501.37	0.00053
168136.77	3908525.35	0.00056	168140.87	3908549.32	0.00060
168144.97	3908573.30	0.00064	168149.07	3908597.27	0.00068
168153.17	3908621.24	0.00072	168157.27	3908645.22	0.00076
168161.36	3908669.19	0.00080	168165.46	3908693.17	0.00084
168169.56	3908717.14	0.00085	168173.66	3908741.12	0.00085
168177.76	3908765.09	0.00083	168181.86	3908789.07	0.00081
168185.96	3908813.04	0.00078	168190.05	3908837.02	0.00074
168194.15	3908860.99	0.00069	168198.25	3908884.97	0.00063
168202.35	3908908.94	0.00057	168206.45	3908932.92	0.00050
168210.55	3908956.89	0.00045	168214.65	3908980.87	0.00040
168218.74	3909004.84	0.00036	168222.84	3909028.82	0.00032

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
168226.94	3909052.79	0.00028	167523.21	3908420.18	0.00011
167502.31	3908433.26	0.00011	167481.41	3908446.35	0.00010
167460.51	3908459.43	0.00009	167439.62	3908472.51	0.00009
167418.72	3908485.60	0.00008	167494.36	3908337.71	0.00007
167518.57	3908340.00	0.00008	167542.79	3908342.29	0.00009
167567.00	3908344.57	0.00010	167591.22	3908346.86	0.00011
167615.43	3908349.15	0.00012	167639.65	3908351.44	0.00013
167663.86	3908353.73	0.00014	167688.07	3908356.02	0.00016
167712.29	3908358.31	0.00017	167736.50	3908360.60	0.00019
167760.72	3908362.88	0.00020	167784.93	3908365.17	0.00022
167809.15	3908367.46	0.00024	167833.36	3908369.75	0.00026
167857.58	3908372.04	0.00027	167881.79	3908374.33	0.00029
167906.01	3908376.62	0.00030	167930.22	3908378.91	0.00032
167954.44	3908381.19	0.00033	167978.65	3908383.48	0.00035
168002.86	3908385.77	0.00036	168027.08	3908388.06	0.00037
168051.29	3908390.35	0.00038	168075.51	3908392.64	0.00039
168099.72	3908394.93	0.00039	168123.94	3908397.22	0.00040
168148.15	3908399.50	0.00041	168172.37	3908401.79	0.00041
168200.68	3908428.06	0.00045	168204.78	3908452.03	0.00047
168208.88	3908476.01	0.00050	168212.98	3908499.98	0.00053
168217.07	3908523.96	0.00057	168221.17	3908547.93	0.00060
168225.27	3908571.90	0.00063	168229.37	3908595.88	0.00066
168233.47	3908619.85	0.00069	168237.57	3908643.83	0.00071
168241.67	3908667.80	0.00072	168245.77	3908691.78	0.00072
168249.86	3908715.75	0.00071	168253.96	3908739.73	0.00069
168258.06	3908763.70	0.00066	168262.16	3908787.68	0.00063
168266.26	3908811.65	0.00060	168270.36	3908835.63	0.00056
168274.46	3908859.60	0.00051	168278.55	3908883.58	0.00047
168282.65	3908907.55	0.00043	168286.75	3908931.53	0.00039
168290.85	3908955.50	0.00035	168294.95	3908979.48	0.00031
168299.05	3909003.45	0.00028	168303.15	3909027.42	0.00025
168307.24	3909051.40	0.00022	168311.34	3909075.37	0.00020
168315.44	3909099.35	0.00017	167470.14	3908335.42	0.00006
167449.24	3908348.50	0.00006	167428.35	3908361.59	0.00006
167407.45	3908374.67	0.00006	167386.55	3908387.76	0.00006
167365.65	3908400.84	0.00006	167441.29	3908252.95	0.00005
167465.51	3908255.24	0.00006	167489.72	3908257.53	0.00006
167513.93	3908259.82	0.00007	167538.15	3908262.11	0.00008
167562.36	3908264.39	0.00008	167586.58	3908266.68	0.00009
167610.79	3908268.97	0.00010	167635.01	3908271.26	0.00011

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167659.22	3908273.55	0.00011	167683.44	3908275.84	0.00012
167707.65	3908278.13	0.00014	167731.87	3908280.41	0.00015
167756.08	3908282.70	0.00017	167780.30	3908284.99	0.00018
167804.51	3908287.28	0.00019	167828.73	3908289.57	0.00021
167852.94	3908291.86	0.00022	167877.15	3908294.15	0.00023
167901.37	3908296.44	0.00025	167925.58	3908298.72	0.00026
167949.80	3908301.01	0.00027	167974.01	3908303.30	0.00028
167998.23	3908305.59	0.00029	168022.44	3908307.88	0.00030
168046.66	3908310.17	0.00031	168070.87	3908312.46	0.00032
168095.09	3908314.75	0.00032	168119.30	3908317.03	0.00033
168143.52	3908319.32	0.00033	168167.73	3908321.61	0.00034
168191.94	3908323.90	0.00034	168216.16	3908326.19	0.00035
168240.37	3908328.48	0.00036	168268.69	3908334.74	0.00039
168272.79	3908378.72	0.00042	168276.88	3908402.69	0.00044
168280.98	3908426.67	0.00047	168285.08	3908450.64	0.00049
168289.18	3908474.62	0.00051	168293.28	3908498.59	0.00053
168297.38	3908522.56	0.00055	168301.48	3908546.54	0.00058
168305.57	3908570.51	0.00060	168309.67	3908594.49	0.00062
168313.77	3908618.46	0.00063	168317.87	3908642.44	0.00063
168321.97	3908666.41	0.00062	168326.07	3908690.39	0.00060
168330.17	3908714.36	0.00058	168334.27	3908738.34	0.00055
168338.36	3908762.31	0.00053	168342.46	3908786.29	0.00050
168346.56	3908810.26	0.00047	168350.66	3908834.24	0.00043
168354.76	3908858.21	0.00039	168358.86	3908882.19	0.00036
168362.96	3908906.16	0.00033	168367.05	3908930.14	0.00029
168371.15	3908954.11	0.00027	168375.25	3908978.08	0.00024
168379.35	3909002.06	0.00022	168383.45	3909026.03	0.00020
168387.55	3909050.01	0.00018	168391.65	3909073.98	0.00015
168395.74	3909097.96	0.00014	168399.84	3909121.93	0.00012
168403.94	3909145.91	0.00011	167417.08	3908250.66	0.00004
167396.18	3908263.75	0.00004	167375.28	3908276.83	0.00004
167354.38	3908289.91	0.00004	167333.48	3908303.00	0.00003
167312.59	3908316.08	0.00003	167640.13	3908885.50	0.00047
167628.89	3908906.15	0.00044	167617.66	3908926.80	0.00039
167618.17	3908873.55	0.00035	167606.93	3908894.20	0.00032
167595.70	3908914.85	0.00028	167584.47	3908935.50	0.00024
167573.23	3908956.15	0.00019	167607.80	3908849.28	0.00030
167584.97	3908882.26	0.00025	167573.74	3908902.91	0.00022
167562.51	3908923.56	0.00019	167551.27	3908944.21	0.00016
167540.04	3908964.86	0.00013	167528.80	3908985.51	0.00012

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167517.57	3909006.16	0.00012	167506.34	3909026.81	0.00012
167495.10	3909047.46	0.00013	167565.33	3908823.85	0.00020
167541.05	3908858.36	0.00016	167529.82	3908879.01	0.00015
167518.58	3908899.66	0.00014	167507.35	3908920.32	0.00013
167496.12	3908940.97	0.00012	167484.88	3908961.62	0.00012
167473.65	3908982.27	0.00012	167462.41	3909002.92	0.00013
167451.18	3909023.57	0.00014	167439.95	3909044.22	0.00016
167522.27	3908799.03	0.00014	167550.10	3908769.45	0.00017
167497.13	3908834.47	0.00012	167485.89	3908855.12	0.00011
167474.66	3908875.77	0.00011	167463.43	3908896.42	0.00011
167452.19	3908917.07	0.00011	167440.96	3908937.73	0.00012
167429.73	3908958.38	0.00012	167418.49	3908979.03	0.00013
167407.26	3908999.68	0.00014	167396.03	3909020.33	0.00016
167384.79	3909040.98	0.00019	167478.93	3908774.52	0.00011
167507.91	3908743.71	0.00012	167453.21	3908810.58	0.00010
167441.97	3908831.23	0.00009	167430.74	3908851.88	0.00009
167419.51	3908872.53	0.00010	167408.27	3908893.18	0.00010
167397.04	3908913.83	0.00011	167385.80	3908934.48	0.00011
167374.57	3908955.13	0.00012	167363.34	3908975.79	0.00013
167352.10	3908996.44	0.00014	167340.87	3909017.09	0.00016
167435.42	3908750.19	0.00009	167465.23	3908718.50	0.00010
167495.04	3908686.81	0.00011	167409.28	3908786.69	0.00008
167398.05	3908807.34	0.00008	167386.82	3908827.99	0.00008
167375.58	3908848.64	0.00009	167364.35	3908869.29	0.00009
167353.12	3908889.94	0.00010	167341.88	3908910.59	0.00010
167330.65	3908931.24	0.00011	167319.42	3908951.89	0.00012
167308.18	3908972.54	0.00013	167296.95	3908993.19	0.00014
167348.13	3908701.82	0.00006	167379.04	3908668.95	0.00007
167394.50	3908652.52	0.00007	167409.96	3908636.09	0.00008
167440.87	3908603.22	0.00008	167456.33	3908586.79	0.00009
167332.67	3908718.25	0.00006	167321.44	3908738.90	0.00007
167310.21	3908759.55	0.00007	167298.97	3908780.20	0.00007
167287.74	3908800.85	0.00007	167276.51	3908821.50	0.00008
167265.27	3908842.15	0.00008	167254.04	3908862.81	0.00008
167242.80	3908883.46	0.00009	167231.57	3908904.11	0.00009
167220.34	3908924.76	0.00010	167209.10	3908945.41	0.00011
167260.64	3908653.66	0.00006	167276.45	3908636.85	0.00006
167292.25	3908620.05	0.00006	167308.06	3908603.24	0.00006
167323.87	3908586.43	0.00006	167339.68	3908569.63	0.00006
167355.49	3908552.82	0.00007	167371.29	3908536.02	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167387.10	3908519.21	0.00007	167402.91	3908502.40	0.00008
167244.83	3908670.46	0.00006	167233.60	3908691.11	0.00006
167222.36	3908711.77	0.00006	167211.13	3908732.42	0.00006
167199.90	3908753.07	0.00006	167188.66	3908773.72	0.00007
167177.43	3908794.37	0.00007	167166.19	3908815.02	0.00007
167154.96	3908835.67	0.00007	167143.73	3908856.32	0.00007
167132.49	3908876.97	0.00008	167121.26	3908897.62	0.00009
167173.04	3908605.61	0.00005	167189.09	3908588.55	0.00005
167205.14	3908571.49	0.00005	167221.19	3908554.42	0.00005
167237.24	3908537.36	0.00005	167253.29	3908520.29	0.00006
167269.34	3908503.23	0.00006	167285.40	3908486.16	0.00005
167301.45	3908469.10	0.00005	167317.50	3908452.03	0.00005
167333.55	3908434.97	0.00005	167349.60	3908417.90	0.00005
167156.99	3908622.68	0.00005	167145.75	3908643.33	0.00005
167134.52	3908663.98	0.00005	167123.28	3908684.63	0.00005
167112.05	3908705.28	0.00005	167100.82	3908725.93	0.00006
167089.58	3908746.58	0.00006	167078.35	3908767.24	0.00006
167067.12	3908787.89	0.00006	167055.88	3908808.54	0.00006
167044.65	3908829.19	0.00006	167033.42	3908849.84	0.00007
167084.36	3908558.72	0.00005	167114.79	3908526.37	0.00005
167145.22	3908494.01	0.00004	167175.65	3908461.66	0.00003
167206.08	3908429.31	0.00003	167236.51	3908396.96	0.00003
167266.94	3908364.61	0.00003	167057.91	3908595.54	0.00005
167046.67	3908616.20	0.00005	167035.44	3908636.85	0.00005
167024.21	3908657.50	0.00005	167012.97	3908678.15	0.00005
167001.74	3908698.80	0.00005	166990.51	3908719.45	0.00005
166979.27	3908740.10	0.00005	166968.04	3908760.75	0.00005
166956.81	3908781.40	0.00005	166945.57	3908802.05	0.00006
167371.89	3909070.62	0.00025	167324.49	3909054.72	0.00022
167277.08	3909038.83	0.00019	167287.02	3909016.01	0.00017
167182.26	3909007.07	0.00015	167192.33	3908983.95	0.00013
167087.44	3908975.32	0.00012	167096.46	3908954.60	0.00011
167106.60	3908931.29	0.00010	166992.61	3908943.58	0.00010
167001.68	3908922.75	0.00009	167010.75	3908901.92	0.00008
167019.81	3908881.09	0.00008	166897.78	3908911.84	0.00008
166906.89	3908890.93	0.00008	166915.99	3908870.02	0.00007
166925.09	3908849.11	0.00007	166934.19	3908828.19	0.00006
167363.01	3909118.12	0.00043	167359.57	3909162.59	0.00068
167359.57	3909185.91	0.00082	167359.57	3909209.24	0.00094
167359.57	3909232.56	0.00104	167359.57	3909255.88	0.00110

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , A0000016 ,
 A0000017 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
 A0000022 , A0000023 , A0000020 , A0000021 , A0000024 , A0000025 , A0000026 , A0000027 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
167312.80	3909119.44	0.00041	167319.26	3909079.78	0.00028
167309.57	3909162.59	0.00061	167309.57	3909185.91	0.00072
167309.57	3909209.24	0.00082	167309.57	3909232.56	0.00090
167309.57	3909255.88	0.00097	167309.57	3909279.20	0.00102
167262.67	3909120.23	0.00038	167268.87	3909082.16	0.00027
167259.57	3909162.59	0.00054	167259.57	3909185.91	0.00063
167259.57	3909209.24	0.00071	167259.57	3909232.56	0.00078
167259.57	3909255.88	0.00084	167259.57	3909279.20	0.00089
167163.01	3909118.12	0.00031	167169.90	3909075.82	0.00023
167176.79	3909033.51	0.00018	167159.57	3909162.59	0.00042
167159.57	3909185.91	0.00048	167159.57	3909209.24	0.00053
167159.57	3909232.56	0.00058	167159.57	3909255.88	0.00063
167159.57	3909279.20	0.00067	167063.26	3909116.61	0.00026
167066.95	3909093.95	0.00023	167070.64	3909071.28	0.00020
167074.33	3909048.62	0.00017	167078.02	3909025.96	0.00015
167081.71	3909003.30	0.00014	167059.57	3909139.27	0.00029
167059.57	3909162.59	0.00034	167059.57	3909185.91	0.00038
167059.57	3909209.24	0.00042	167059.57	3909232.56	0.00045
167059.57	3909255.88	0.00048	167059.57	3909279.20	0.00051
166963.01	3909118.12	0.00022	166969.90	3909075.82	0.00018
166976.79	3909033.51	0.00014	166983.68	3908991.21	0.00012
166959.57	3909162.59	0.00027	166959.57	3909185.91	0.00030
166959.57	3909209.24	0.00033	166959.57	3909232.56	0.00036
166959.57	3909255.88	0.00038	166959.57	3909279.20	0.00040
166863.19	3909117.06	0.00018	166866.80	3909094.85	0.00017
166874.04	3909050.43	0.00014	166877.65	3909028.22	0.00012
166881.27	3909006.02	0.00011	166884.89	3908983.81	0.00010
166888.50	3908961.60	0.00010	166859.57	3909139.27	0.00020
166859.57	3909162.59	0.00022	166859.57	3909185.91	0.00025
166859.57	3909209.24	0.00027	166859.57	3909232.56	0.00029
166859.57	3909255.88	0.00031	166859.57	3909279.20	0.00033
167540.50	3909215.75	0.00064	167541.64	3909179.96	0.00048
167537.74	3909149.96	0.00030	167536.33	3909120.68	0.00017
167536.33	3909106.64	0.00013	167534.58	3909076.82	0.00012
167559.14	3909104.89	0.00012	167557.39	3909075.06	0.00011
167589.84	3909052.25	0.00015	167615.28	3909003.13	0.00039
167542.47	3909053.13	0.00011	167566.16	3909006.64	0.00014
167539.75	3909198.46	0.00058	167537.08	3909134.72	0.00022
167535.55	3909092.74	0.00012	167558.45	3909089.69	0.00012
167553.49	3909032.06	0.00011	167601.96	3909028.24	0.00025

*** AERMOD - VERSION 21112 *** *** LOSSAN CCLF HRA
 *** AERMET - VERSION 14134 *** *** 16<30 Age Bin Concentrations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00294 AT (167741.20, 3909041.34, 79.72, 368.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00291 AT (167752.65, 3909019.58, 80.42, 368.83, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00273 AT (167764.10, 3908997.82, 81.20, 368.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00269 AT (167729.75, 3909063.10, 79.43, 368.83, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00261 AT (167786.22, 3909009.46, 82.93, 368.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00261 AT (167774.78, 3909031.22, 82.17, 368.83, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00249 AT (167775.55, 3908976.06, 81.63, 368.83, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00249 AT (167797.67, 3908987.70, 83.55, 368.83, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00241 AT (167763.33, 3909052.98, 81.44, 368.83, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00231 AT (167809.12, 3908965.94, 84.07, 368.83, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 15649 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 12843 Calm Hours Identified

A Total of 2806 Missing Hours Identified (6.40 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours= 48

*** AERMOD Finishes Successfully ***
